

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085339.D
 Acq On : 30 Dec 2024 12:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 31 02:10:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/31/2024
 Supervised By : Mahesh Dadoda 12/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	166322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129301	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	116389	49.063	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.120%
35) Dibromofluoromethane	8.165	113	88607	48.363	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.720%
50) Toluene-d8	10.565	98	318154	47.323	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.640%
62) 4-Bromofluorobenzene	12.847	95	111616	49.990	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.980%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	104576	46.491	ug/l	98
3) Chloromethane	2.359	50	107520	42.529	ug/l	98
4) Vinyl Chloride	2.506	62	106658	39.891	ug/l	100
5) Bromomethane	2.942	94	72965	41.727	ug/l	92
6) Chloroethane	3.112	64	72544	42.783	ug/l	97
7) Trichlorofluoromethane	3.495	101	152662	43.435	ug/l	97
8) Diethyl Ether	3.959	74	63125	54.243	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	89098	44.551	ug/l	98
10) Methyl Iodide	4.589	142	115084	49.726	ug/l	97
11) Tert butyl alcohol	5.518	59	97699	328.896	ug/l	97
12) 1,1-Dichloroethene	4.336	96	84464	45.699	ug/l	97
13) Acrolein	4.177	56	115522	249.441	ug/l	98
14) Allyl chloride	5.024	41	140444	47.478	ug/l	99
15) Acrylonitrile	5.712	53	287666	307.686	ug/l	99
16) Acetone	4.424	43	234336	300.411	ug/l	99
17) Carbon Disulfide	4.706	76	235031	41.800	ug/l	97
18) Methyl Acetate	5.024	43	146324	61.270	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	322652	53.708	ug/l	100
20) Methylene Chloride	5.271	84	104578	49.843	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	91836	47.565	ug/l	94
22) Diisopropyl ether	6.671	45	341757	53.614	ug/l	99
23) Vinyl Acetate	6.600	43	1332004	288.852	ug/l	100
24) 1,1-Dichloroethane	6.565	63	190213	49.537	ug/l	98
25) 2-Butanone	7.482	43	383582	316.965	ug/l	99
26) 2,2-Dichloropropane	7.488	77	158351	47.070	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	114444	50.502	ug/l	97
28) Bromochloromethane	7.812	49	93391	52.336	ug/l #	99
29) Tetrahydrofuran	7.835	42	255313	327.522	ug/l	98
30) Chloroform	7.965	83	191271	48.690	ug/l	96
31) Cyclohexane	8.259	56	142266	40.574	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	158083	45.059	ug/l	98
36) 1,1-Dichloropropene	8.371	75	123535	46.052	ug/l	99
37) Ethyl Acetate	7.559	43	158951	59.616	ug/l	99
38) Carbon Tetrachloride	8.359	117	137774	47.119	ug/l	99
39) Methylcyclohexane	9.600	83	130010	46.712	ug/l	97
40) Benzene	8.606	78	407978	50.303	ug/l	100

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	83714	61.306	ug/l	98
42) 1,2-Dichloroethane	8.671	62	151351	52.050	ug/l	100
43) Isopropyl Acetate	8.688	43	264605	60.271	ug/l	98
44) Trichloroethene	9.353	130	91293	47.545	ug/l	97
45) 1,2-Dichloropropane	9.618	63	105798	51.386	ug/l	96
46) Dibromomethane	9.706	93	76186	53.207	ug/l	98
47) Bromodichloromethane	9.888	83	156872	52.711	ug/l	98
48) Methyl methacrylate	9.676	41	121850	63.963	ug/l	98
49) 1,4-Dioxane	9.694	88	43891	1527.056	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	804374	326.031	ug/l	99
52) Toluene	10.629	92	248223	51.401	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	160591	54.871	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	171749	54.269	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	97607	53.534	ug/l	97
56) Ethyl methacrylate	10.871	69	168367	63.406	ug/l	98
57) 1,3-Dichloropropane	11.159	76	175727	54.914	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	398221	309.966	ug/l	98
59) 2-Hexanone	11.194	43	591253	345.412	ug/l	99
60) Dibromochloromethane	11.359	129	116317	56.641	ug/l	99
61) 1,2-Dibromoethane	11.470	107	99988	55.431	ug/l	99
64) Tetrachloroethene	11.100	164	75394	44.842	ug/l	96
65) Chlorobenzene	11.888	112	272414	47.508	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	97540	50.684	ug/l	99
67) Ethyl Benzene	11.965	91	467807	49.057	ug/l	98
68) m/p-Xylenes	12.070	106	359366	102.977	ug/l	99
69) o-Xylene	12.394	106	172602	51.128	ug/l	97
70) Styrene	12.412	104	298505	54.558	ug/l	99
71) Bromoform	12.576	173	77498	58.141	ug/l #	100
73) Isopropylbenzene	12.694	105	425298	45.740	ug/l	99
74) N-amyl acetate	12.494	43	228591	57.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	154435	52.150	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	128367m	53.164	ug/l	
77) Bromobenzene	12.982	156	108229	46.982	ug/l	99
78) n-propylbenzene	13.035	91	522306	48.190	ug/l	99
79) 2-Chlorotoluene	13.123	91	327142	47.959	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	367441	48.856	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	55201	54.750	ug/l	100
82) 4-Chlorotoluene	13.217	91	327213	47.630	ug/l	99
83) tert-Butylbenzene	13.435	119	309286	47.474	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	368319	49.182	ug/l	98
85) sec-Butylbenzene	13.617	105	424730	46.967	ug/l	98
86) p-Isopropyltoluene	13.729	119	357497	44.497	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	198427	47.515	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	202416	47.186	ug/l	99
89) n-Butylbenzene	14.059	91	308673	46.613	ug/l	99
90) Hexachloroethane	14.335	117	72166	48.685	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	196144	49.305	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29912	56.754	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	97376	49.044	ug/l	98
94) Hexachlorobutadiene	15.500	225	41125	41.688	ug/l	98
95) Naphthalene	15.641	128	335647	49.854	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	97770	49.285	ug/l	99

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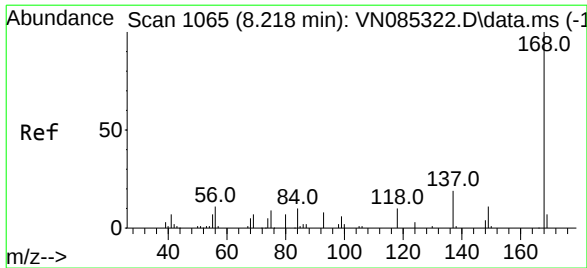
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/31/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration

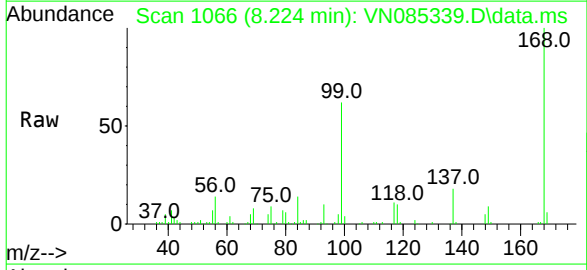
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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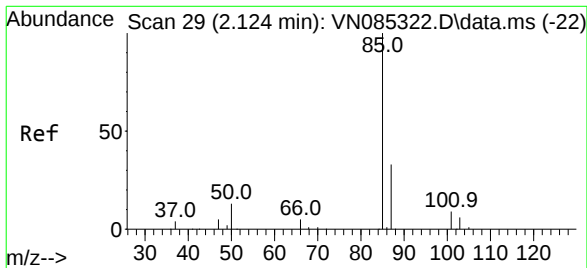
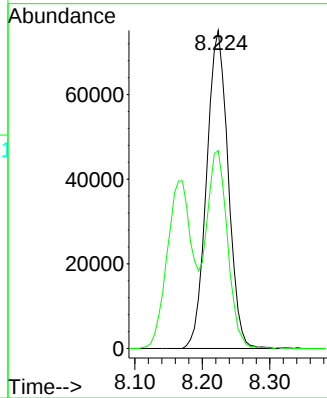
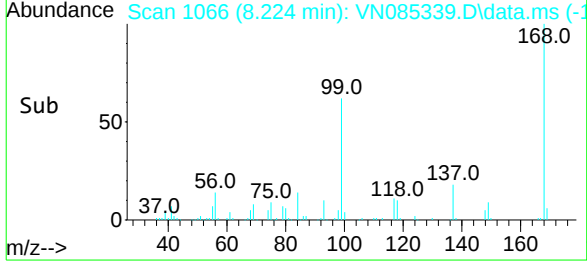
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 166322
Ion Ratio Lower Upper
168 100
99 61.9 51.0 76.4

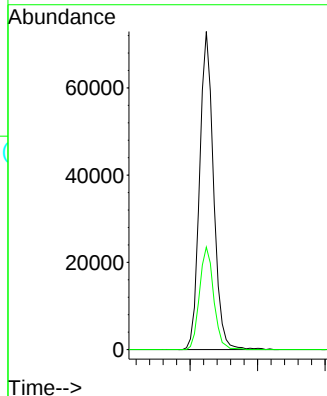
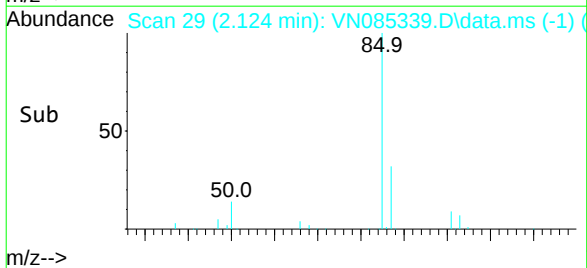
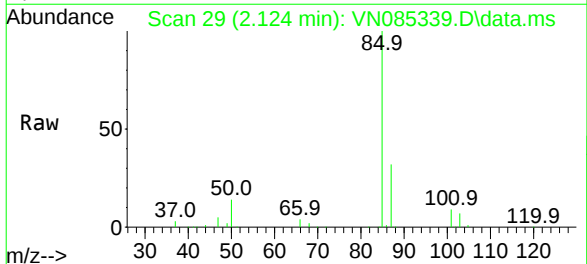
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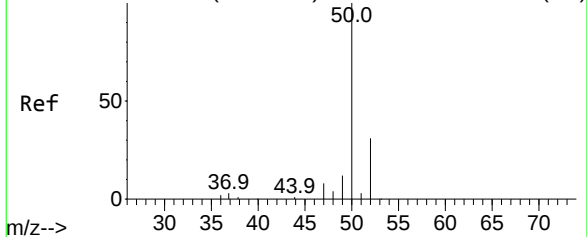


#2
Dichlorodifluoromethane
Concen: 46.491 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion: 85 Resp: 104576
Ion Ratio Lower Upper
85 100
87 32.2 16.8 50.3



Abundance Scan 69 (2.359 min): VN085322.D\data.ms (-62)



#3

Chloromethane

Concen: 42.529 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 107520

Ion Ratio Lower Upper

50 100

52 32.5 25.1 37.7

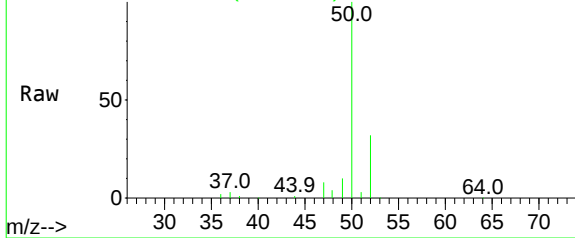
Manual Integrations

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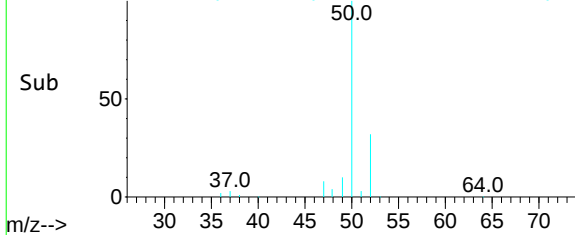
Reviewed By :John Carlone 12/31/2024

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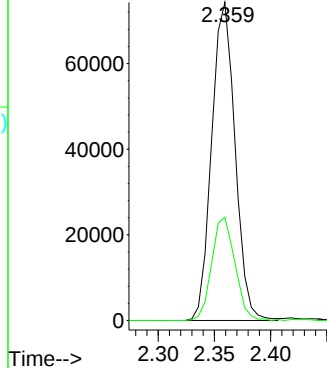
Abundance Scan 69 (2.359 min): VN085339.D\data.ms



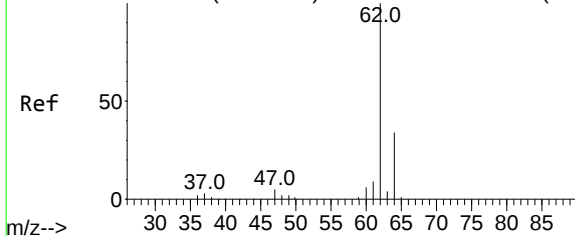
Abundance Scan 69 (2.359 min): VN085339.D\data.ms (-18)



Abundance



Abundance Scan 95 (2.512 min): VN085322.D\data.ms (-87)



#4

Vinyl Chloride

Concen: 39.891 ug/l

RT: 2.506 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

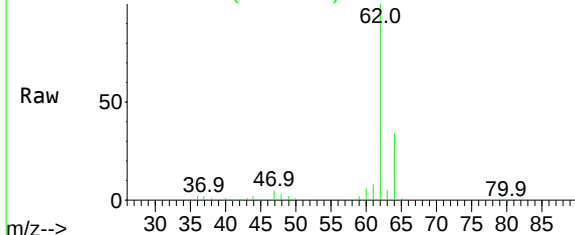
Tgt Ion: 62 Resp: 106658

Ion Ratio Lower Upper

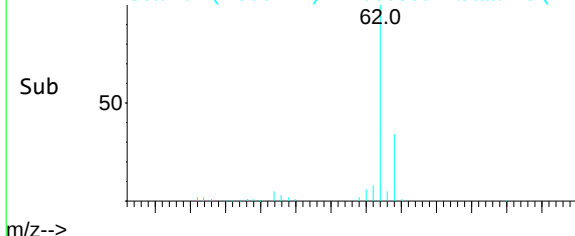
62 100

64 33.7 27.0 40.6

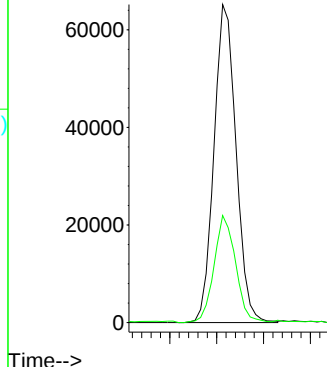
Abundance Scan 94 (2.506 min): VN085339.D\data.ms

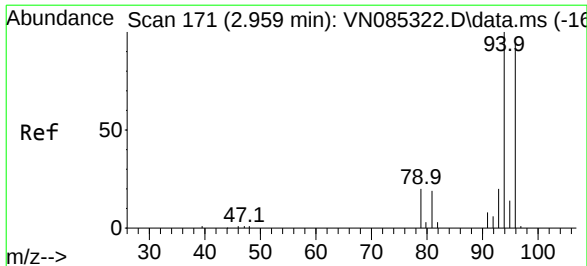


Abundance Scan 94 (2.506 min): VN085339.D\data.ms (-44)



Abundance





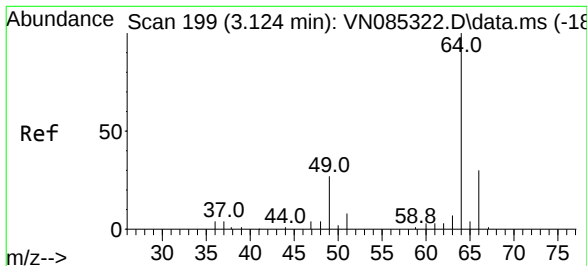
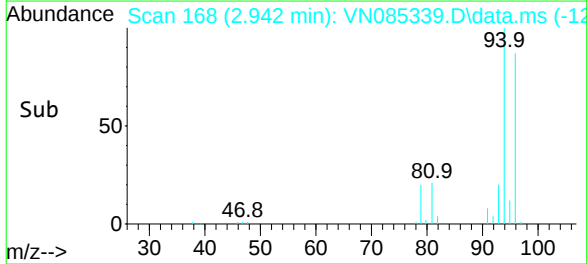
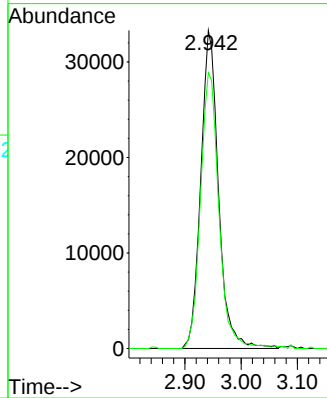
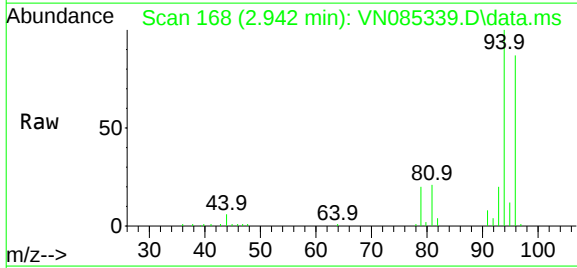
#5
Bromomethane
Concen: 41.727 ug/l
RT: 2.942 min Scan# 16
Delta R.T. -0.018 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
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Tgt Ion: 94 Resp: 72965
Ion Ratio Lower Upper
94 100
96 86.7 75.2 112.8

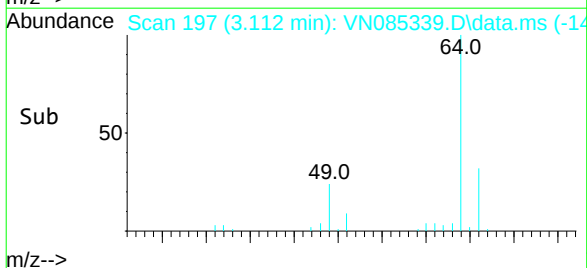
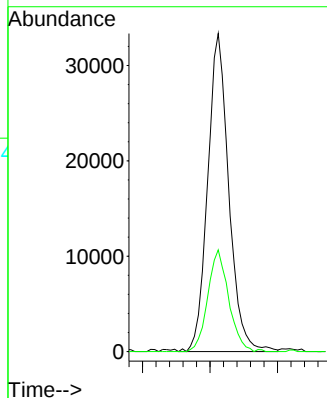
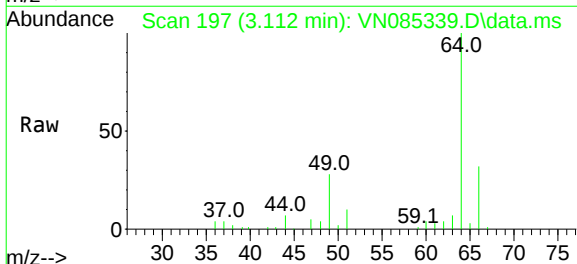
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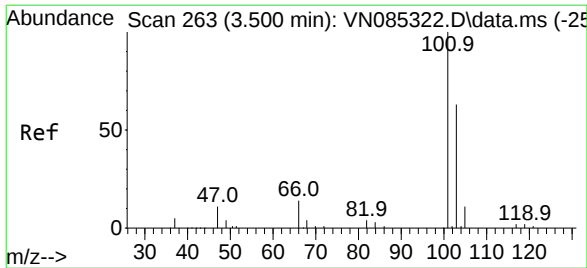
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#6
Chloroethane
Concen: 42.783 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion: 64 Resp: 72544
Ion Ratio Lower Upper
64 100
66 32.0 24.1 36.1





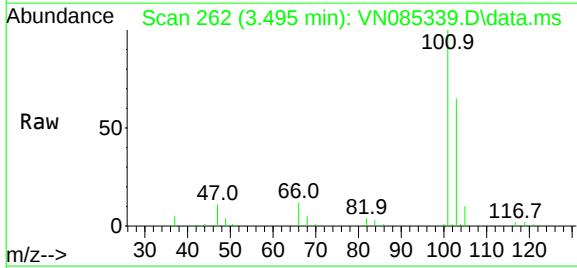
#7
 Trichlorofluoromethane
 Concen: 43.435 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085339.D
 Acq: 30 Dec 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



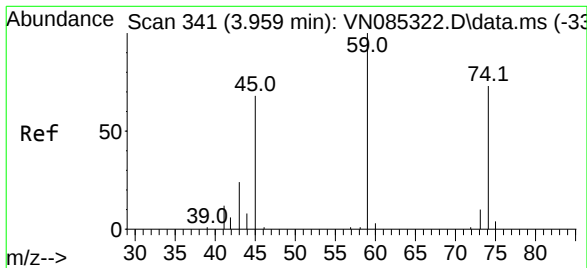
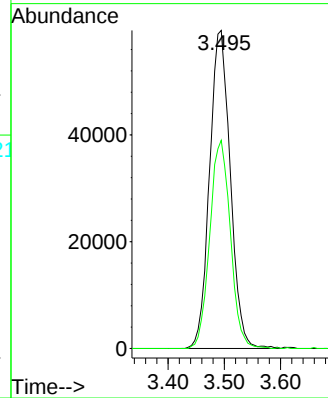
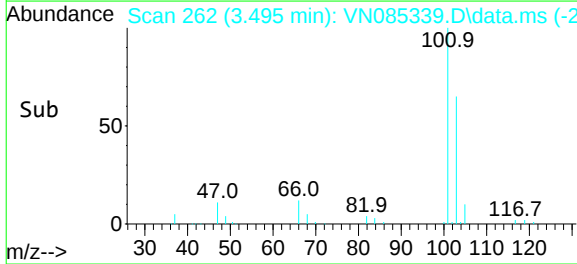
Tgt Ion:101 Resp: 152662
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.3 75.5

Manual Integrations

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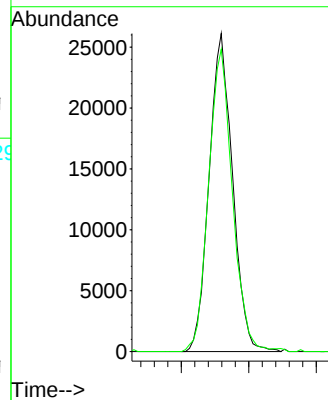
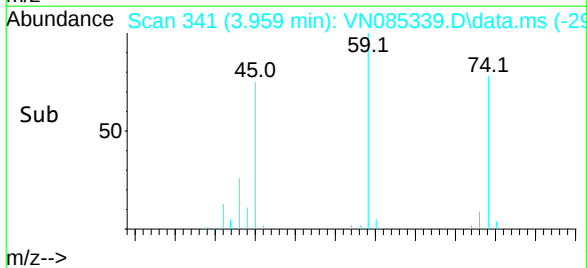
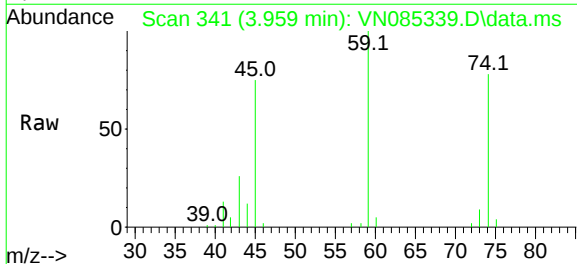
Reviewed By :John Carlone 12/31/2024

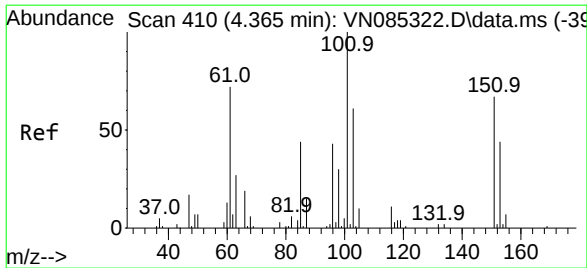
Supervised By :Mahesh Dadoda 12/31/2024



#8
 Diethyl Ether
 Concen: 54.243 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085339.D
 Acq: 30 Dec 2024 12:27

Tgt Ion: 74 Resp: 63125
 Ion Ratio Lower Upper
 74 100
 45 96.5 47.5 142.6





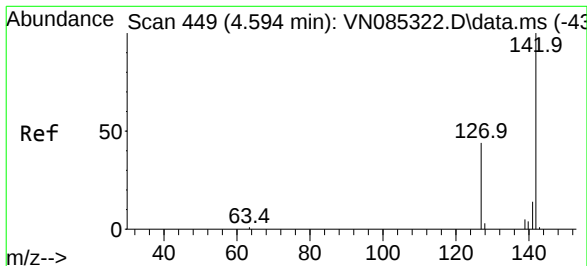
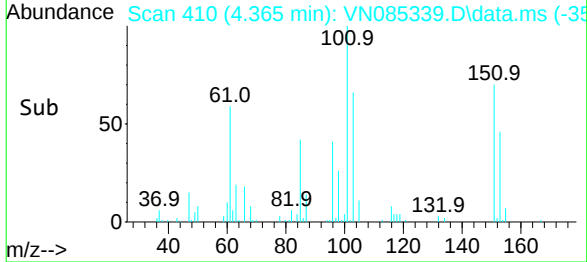
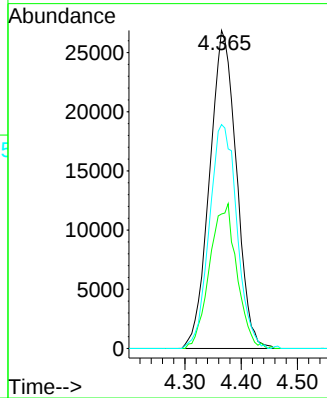
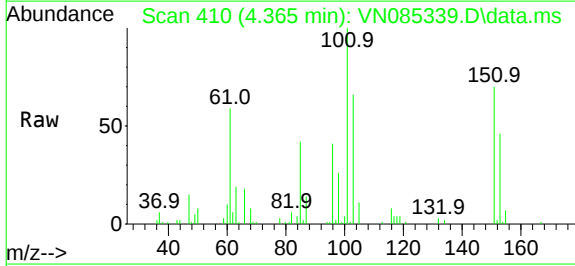
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.551 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 89098
Ion Ratio Lower Upper
101 100
85 46.0 36.2 54.4
151 72.2 55.8 83.6

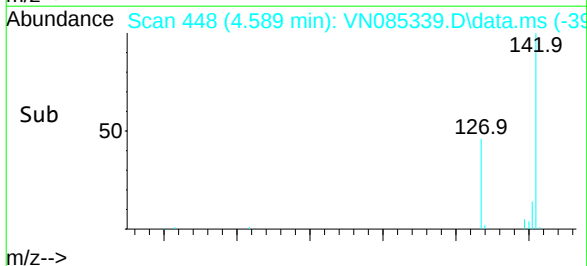
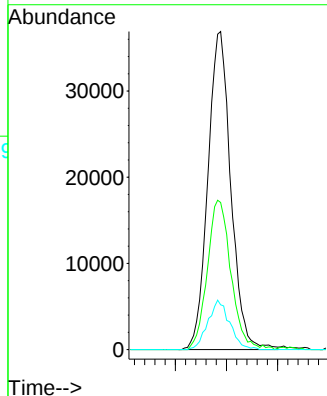
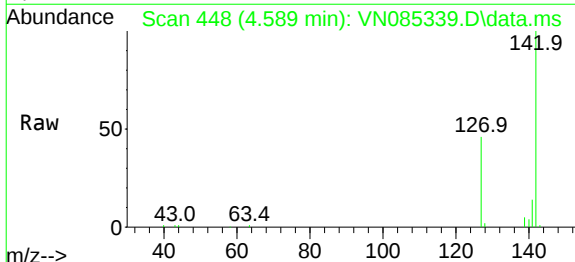
Manual Integrations
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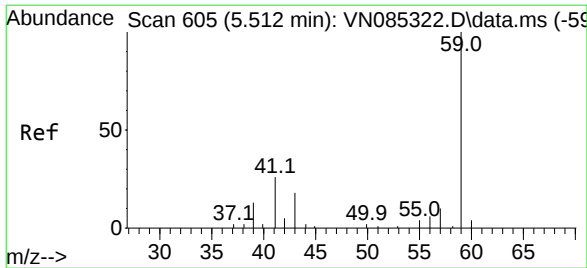
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#10
Methyl Iodide
Concen: 49.726 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion:142 Resp: 115084
Ion Ratio Lower Upper
142 100
127 46.2 35.3 52.9
141 14.1 11.5 17.3





#11

Tert butyl alcohol

Concen: 328.896 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 97699

Ion Ratio Lower Upper

59 100

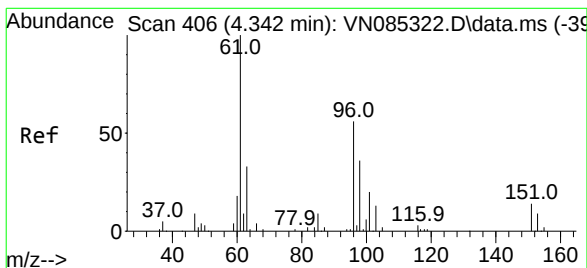
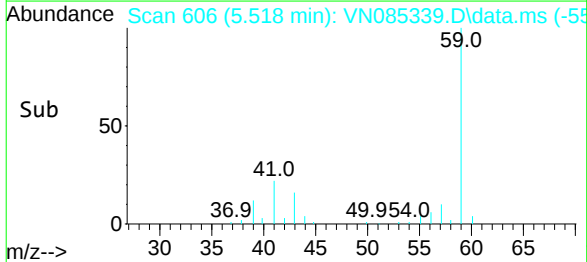
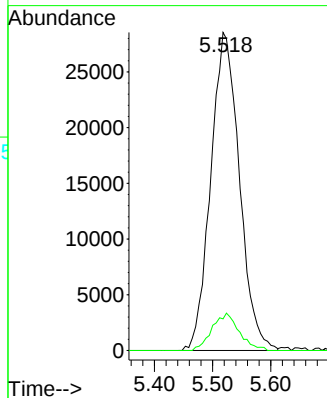
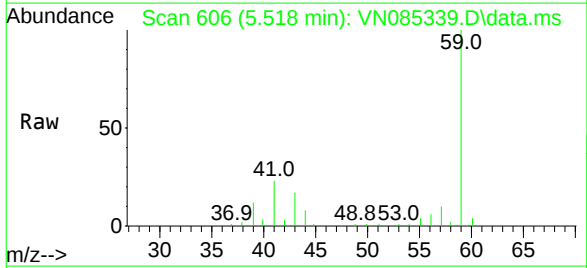
57 11.1 8.1 12.1

Manual Integrations

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Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#12

1,1-Dichloroethene

Concen: 45.699 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

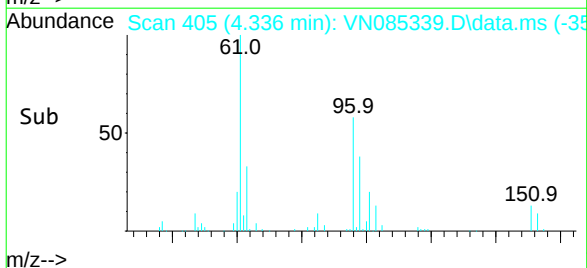
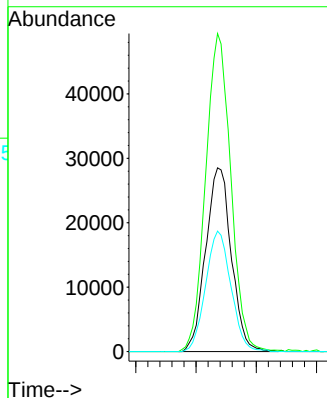
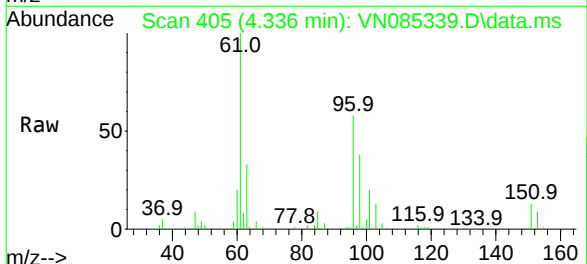
Tgt Ion: 96 Resp: 84464

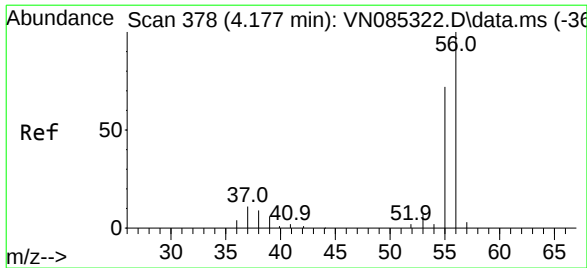
Ion Ratio Lower Upper

96 100

61 173.1 142.4 213.6

98 65.6 51.5 77.3





#13

Acrolein

Concen: 249.441 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.000 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 115522

Ion Ratio Lower Upper

56 100

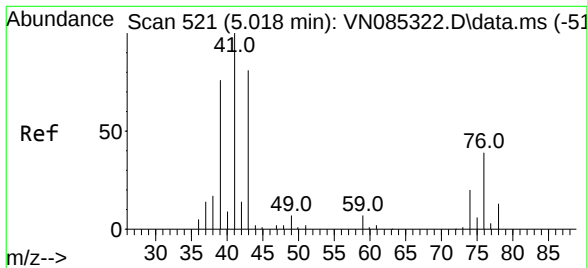
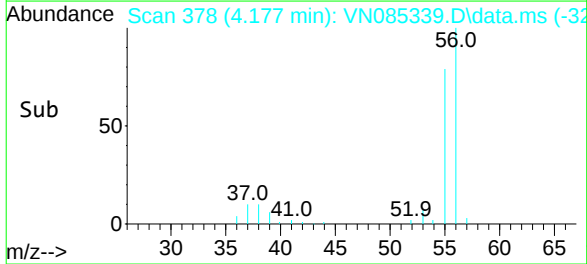
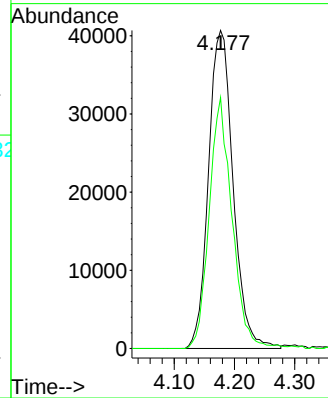
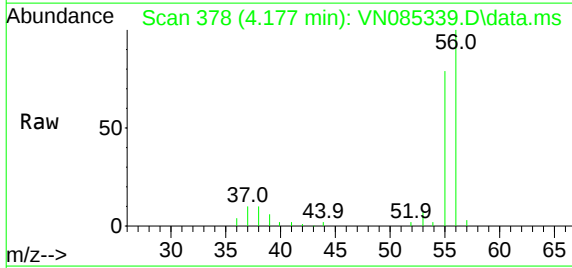
55 73.2 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#14

Allyl chloride

Concen: 47.478 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

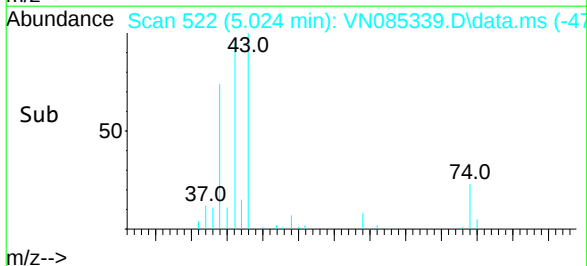
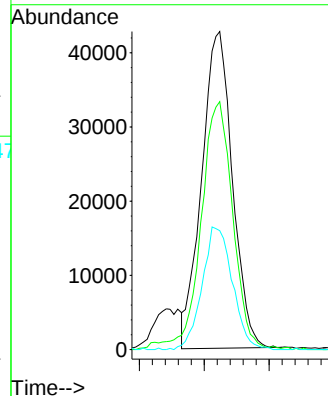
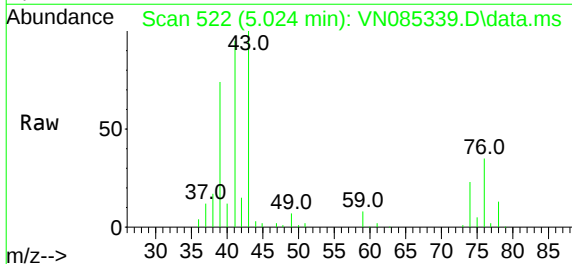
Tgt Ion: 41 Resp: 140444

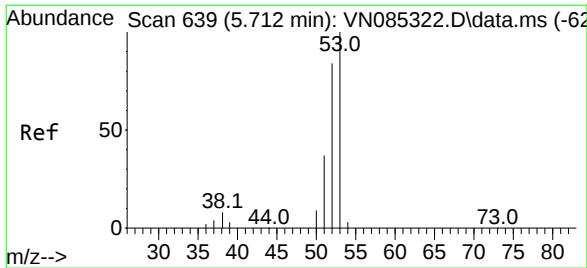
Ion Ratio Lower Upper

41 100

39 81.2 64.4 96.6

76 38.1 31.5 47.3





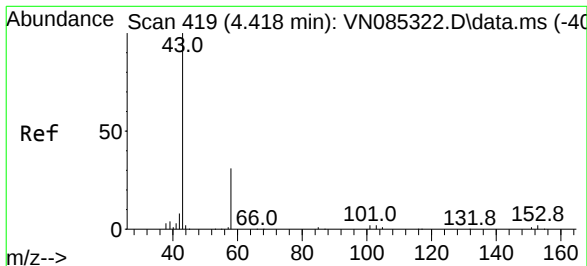
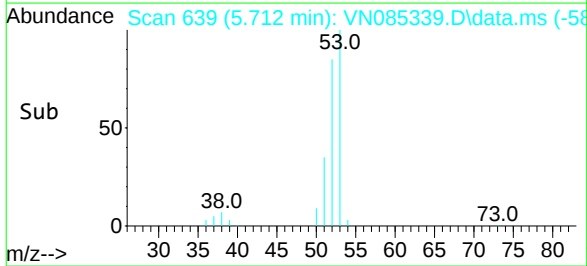
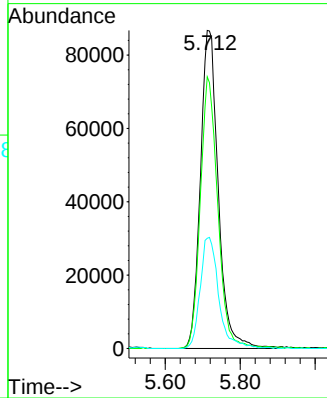
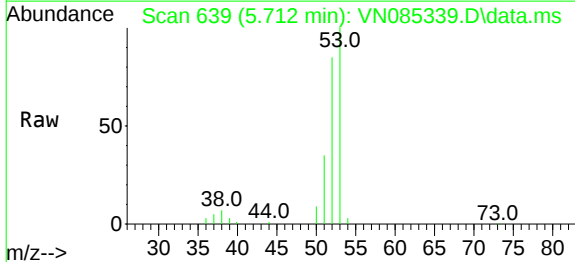
#15
Acrylonitrile
Concen: 307.686 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 287666
Ion Ratio Lower Upper
53 100
52 83.0 66.6 100.0
51 36.1 29.6 44.4

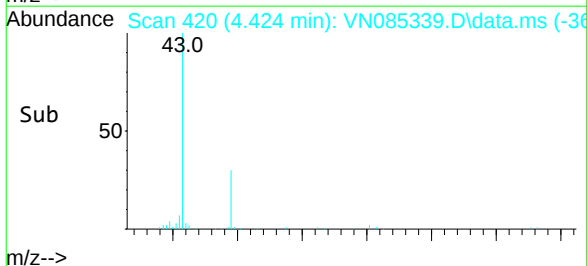
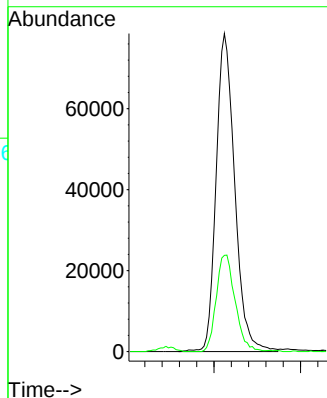
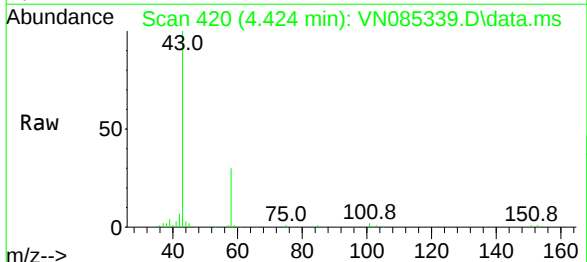
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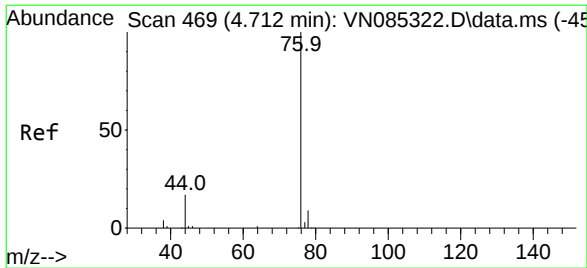
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#16
Acetone
Concen: 300.411 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion: 43 Resp: 234336
Ion Ratio Lower Upper
43 100
58 30.0 24.5 36.7





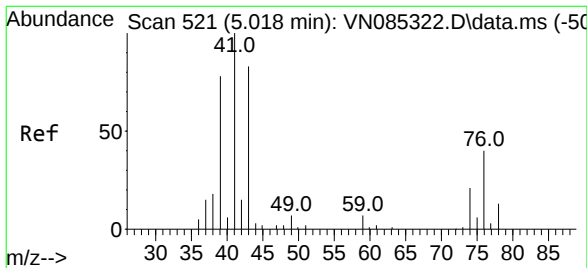
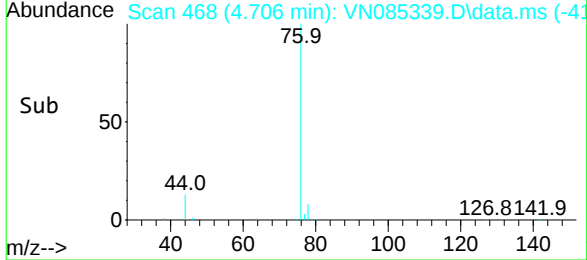
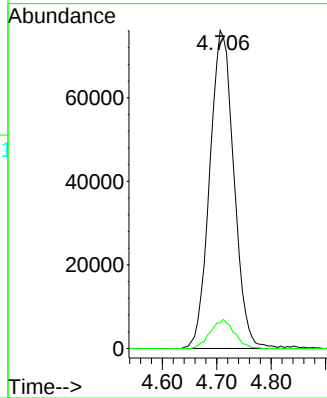
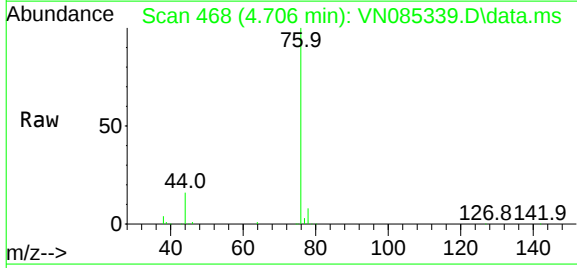
#17
Carbon Disulfide
Concen: 41.800 ug/l
RT: 4.706 min Scan# 46
Delta R.T. -0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 235031
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8

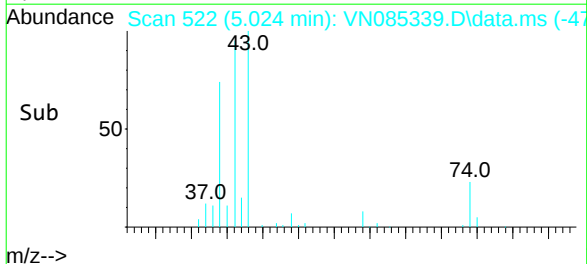
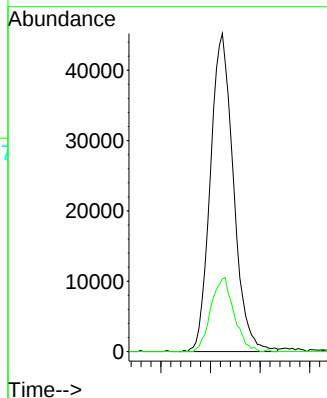
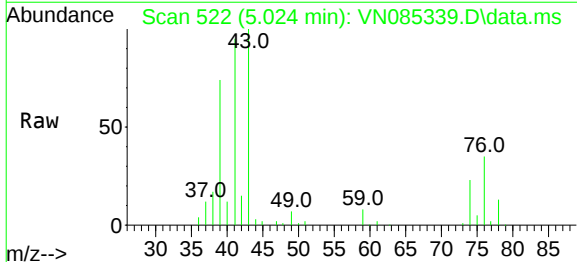
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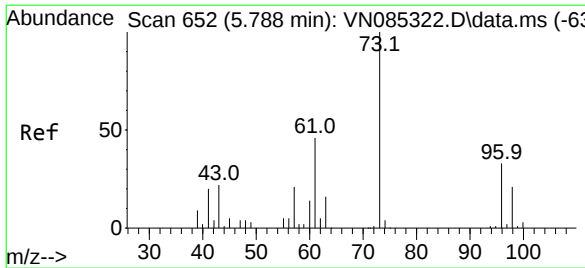
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#18
Methyl Acetate
Concen: 61.270 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion: 43 Resp: 146324
Ion Ratio Lower Upper
43 100
74 23.1 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 53.708 ug/l

RT: 5.788 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 322652

Ion Ratio Lower Upper

73 100

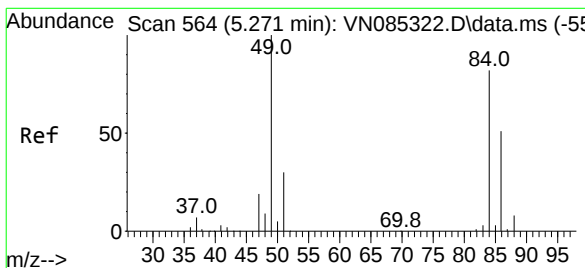
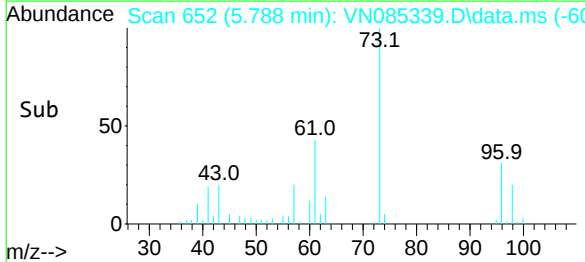
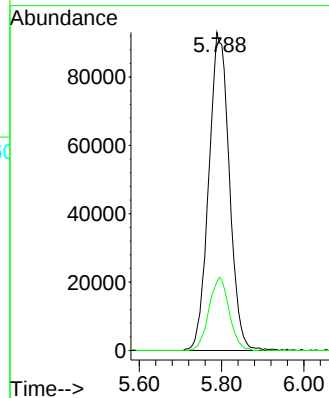
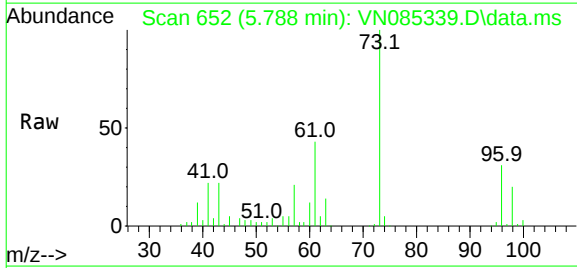
57 21.5 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#20

Methylene Chloride

Concen: 49.843 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

Tgt Ion: 84 Resp: 104578

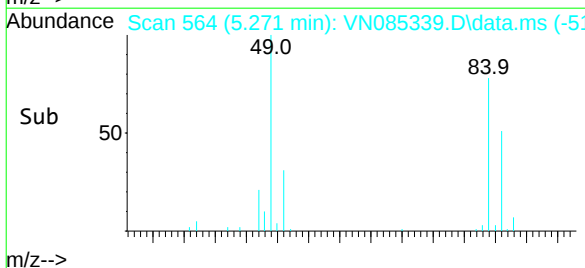
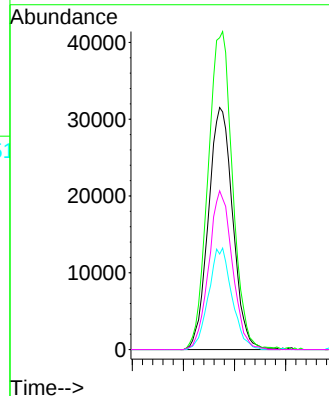
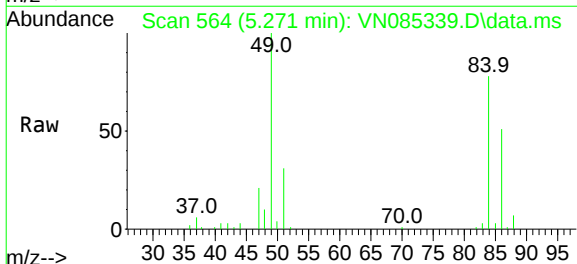
Ion Ratio Lower Upper

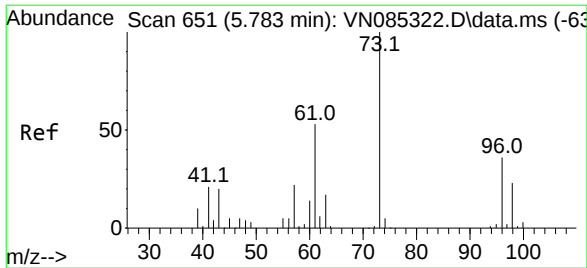
84 100

49 128.8 97.6 146.4

51 39.5 29.1 43.7

86 65.6 49.3 73.9





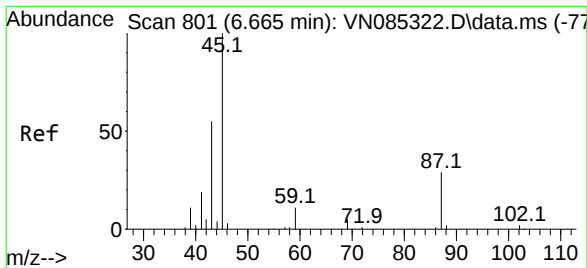
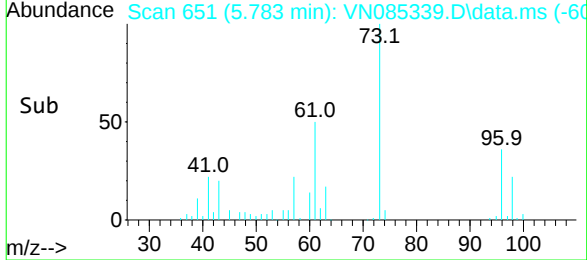
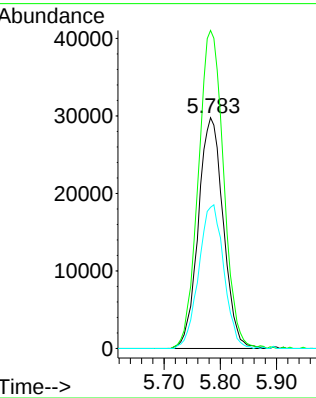
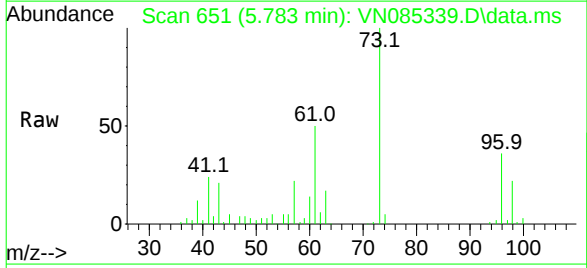
#21
trans-1,2-Dichloroethene
Concen: 47.565 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 91836
Ion Ratio Lower Upper
96 100
61 137.8 118.0 177.0
98 61.2 50.6 75.8

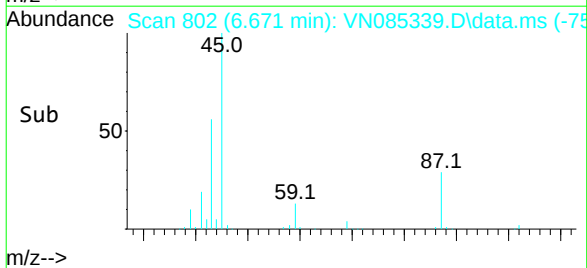
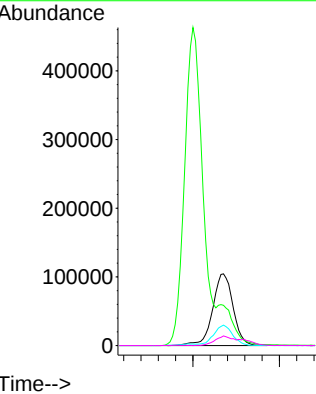
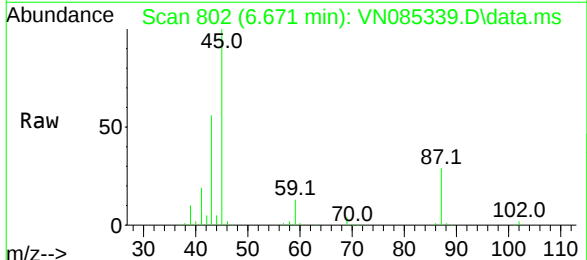
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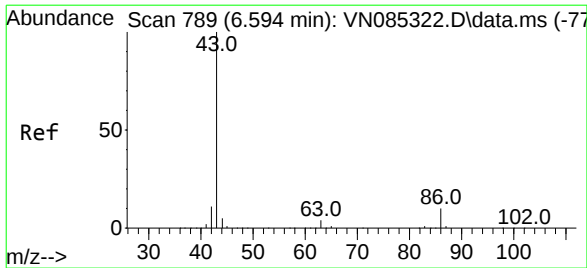
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#22
Diisopropyl ether
Concen: 53.614 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion: 45 Resp: 341757
Ion Ratio Lower Upper
45 100
43 54.9 44.1 66.1
87 28.5 23.2 34.8
59 13.3 9.0 13.6





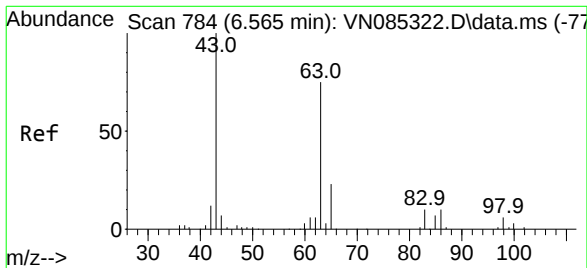
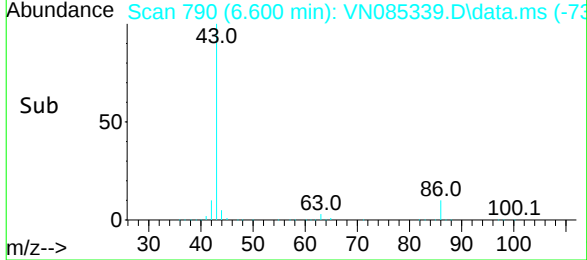
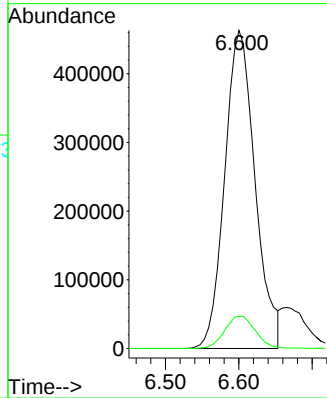
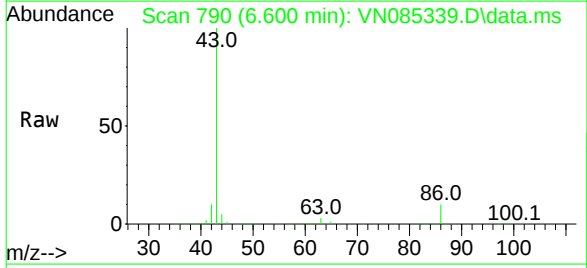
#23
 Vinyl Acetate
 Concen: 288.852 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085339.D
 Acq: 30 Dec 2024 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1332004
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.0 12.0

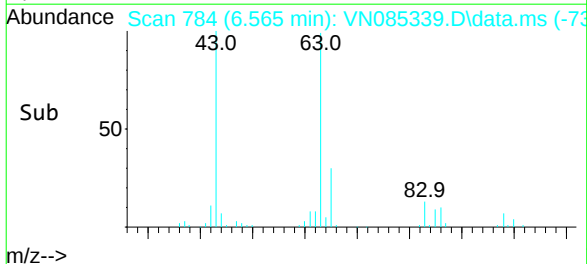
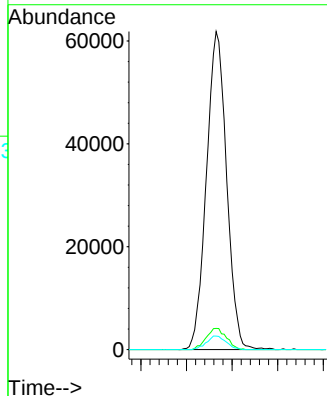
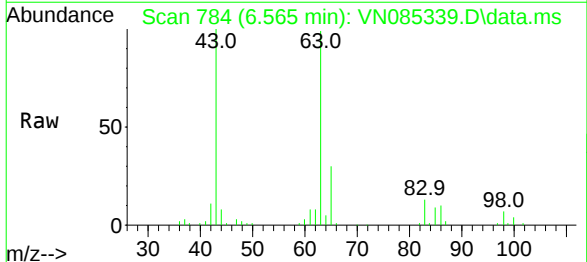
Manual Integrations
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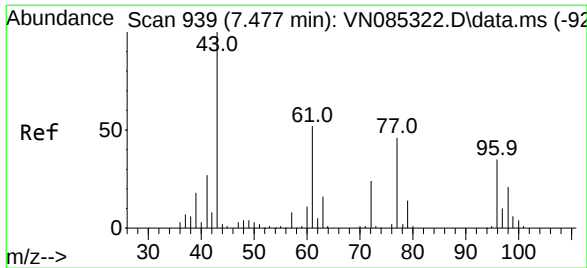
Reviewed By :John Carlone 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024



#24
 1,1-Dichloroethane
 Concen: 49.537 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085339.D
 Acq: 30 Dec 2024 12:27

Tgt Ion: 63 Resp: 190213
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 4.2 2.3 6.8





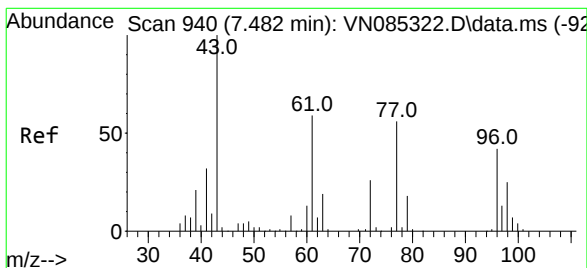
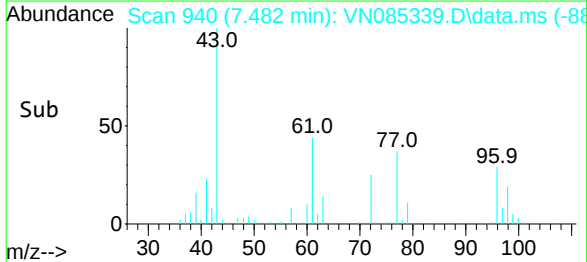
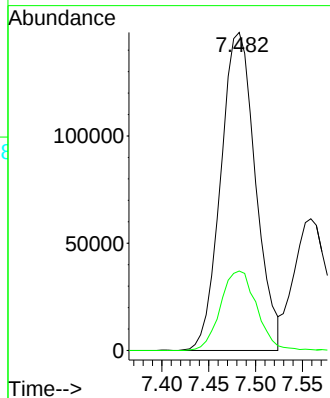
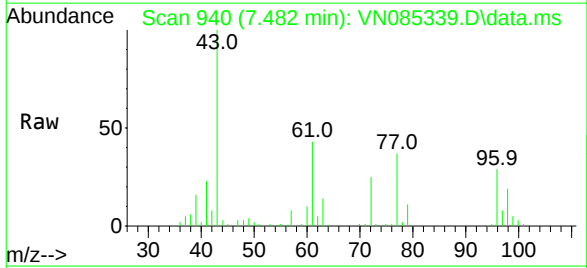
#25
2-Butanone
Concen: 316.965 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 383582
Ion Ratio Lower Upper
43 100
72 25.0 19.6 29.4

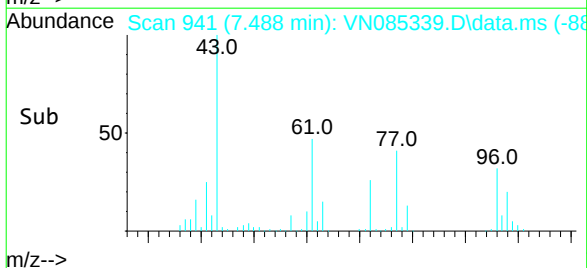
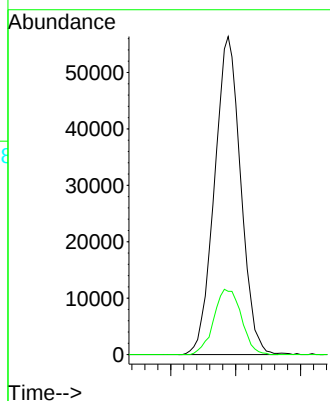
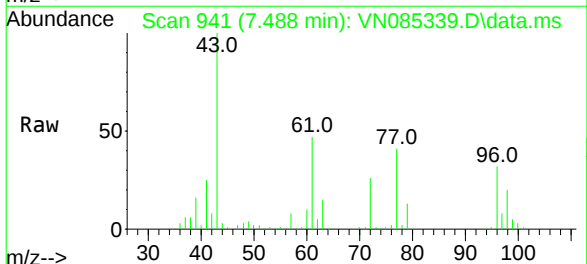
Manual Integrations
APPROVED

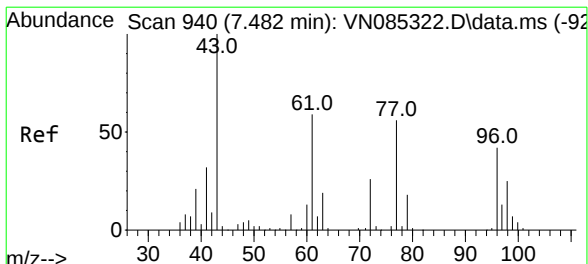
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#26
2,2-Dichloropropane
Concen: 47.070 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

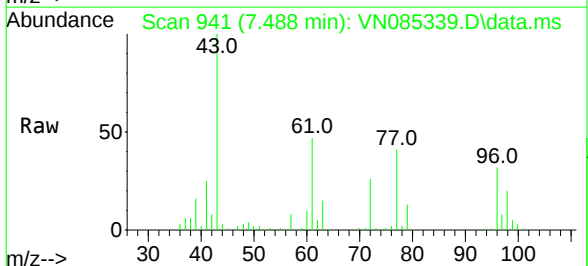
Tgt Ion: 77 Resp: 158351
Ion Ratio Lower Upper
77 100
97 21.5 10.6 31.8





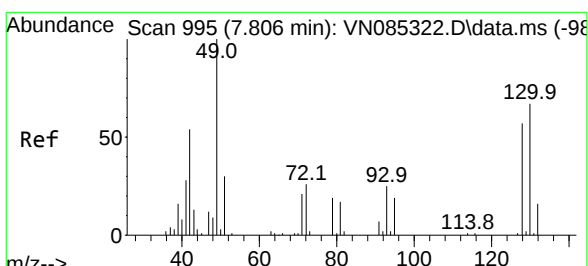
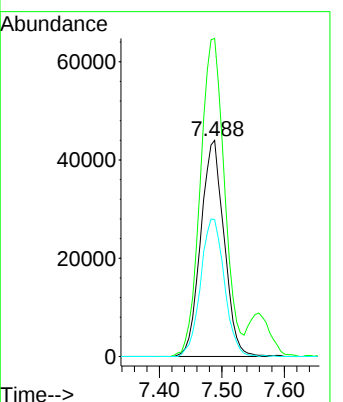
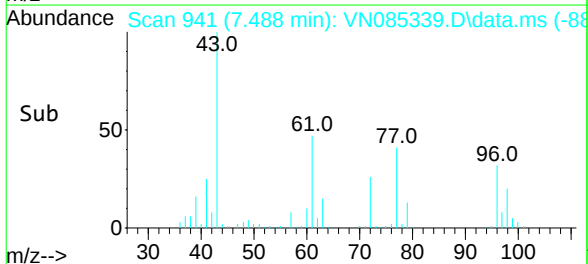
#27
 cis-1,2-Dichloroethene
 Concen: 50.502 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085339.D
 Acq: 30 Dec 2024 12:27

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

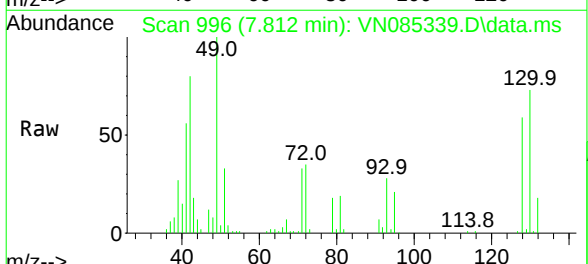


Tgt Ion:	96	Resp:	114444
Ion	Ratio	Lower	Upper
96	100		
61	152.5	0.0	296.4
98	64.6	0.0	124.2

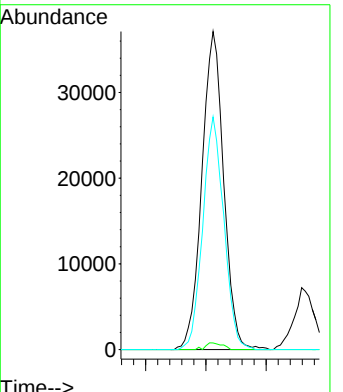
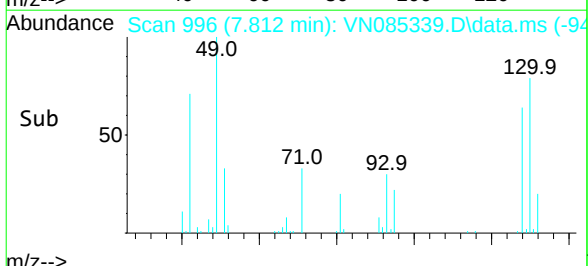
Manual Integrations
APPROVED
 Reviewed By :John Carlone 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024

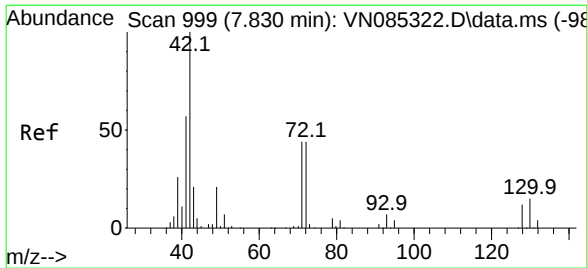


#28
 Bromochloromethane
 Concen: 52.336 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085339.D
 Acq: 30 Dec 2024 12:27



Tgt Ion:	49	Resp:	93391
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	2.0
130	70.6	0.0	0.0#





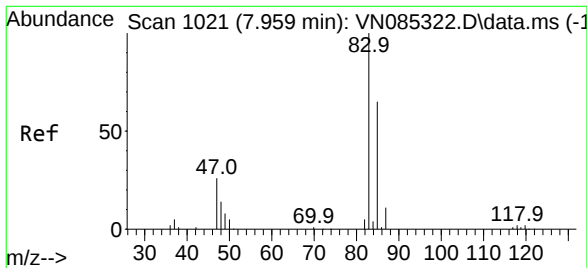
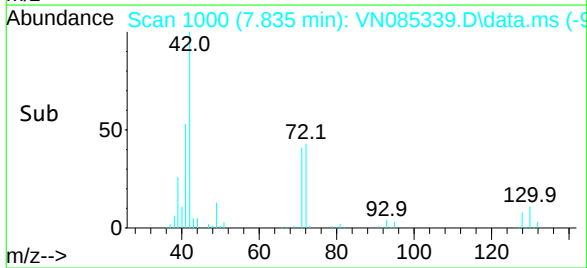
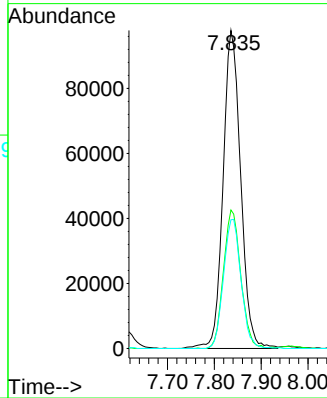
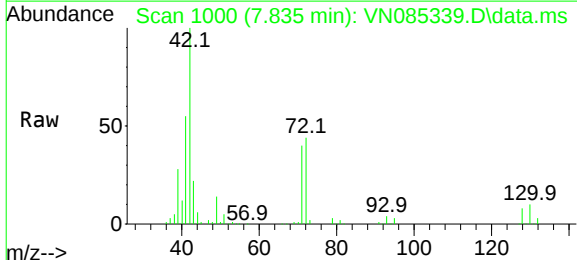
#29
Tetrahydrofuran
Concen: 327.522 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 255313
Ion Ratio Lower Upper
42 100
72 42.8 35.1 52.7
71 40.4 33.4 50.0

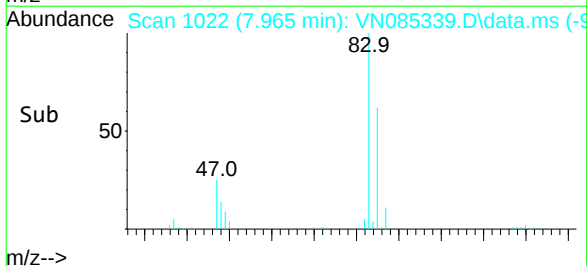
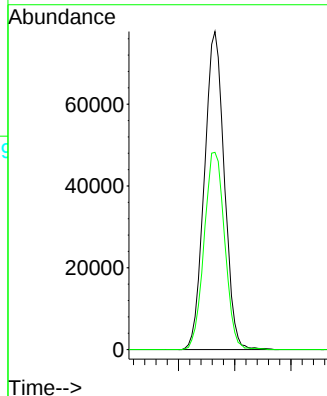
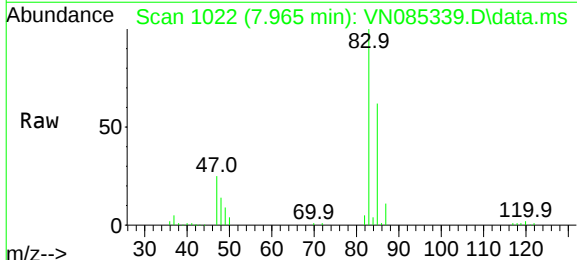
Manual Integrations
APPROVED

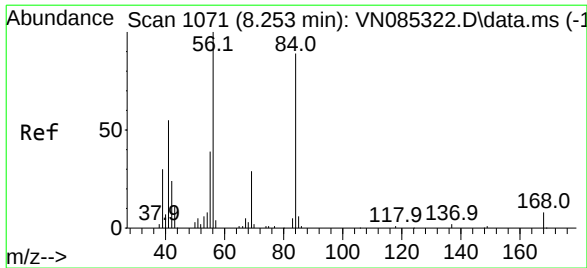
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#30
Chloroform
Concen: 48.690 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion: 83 Resp: 191271
Ion Ratio Lower Upper
83 100
85 62.0 52.0 78.0





#31
Cyclohexane
Concen: 40.574 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

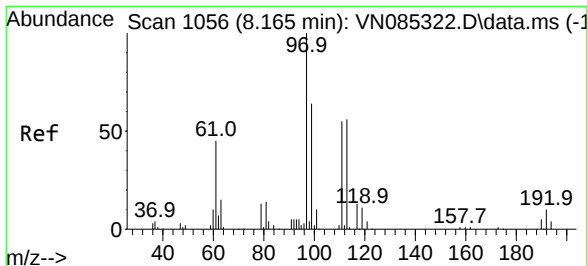
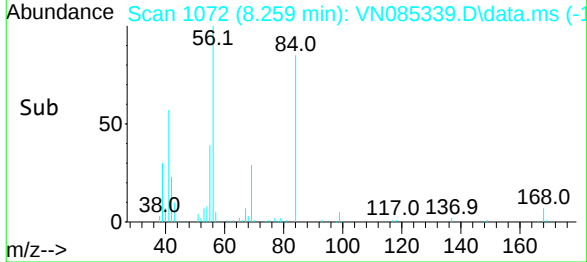
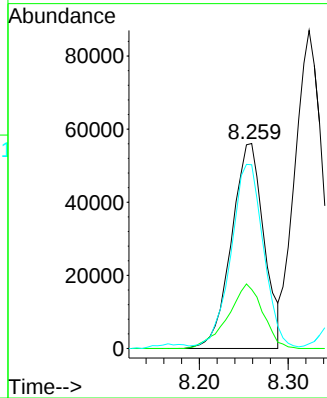
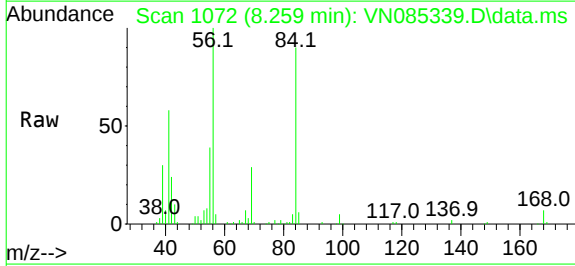
VSTDCCC050

Tgt Ion: 56 Resp: 142266
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.0
84 87.7 71.0 106.6

Manual Integrations

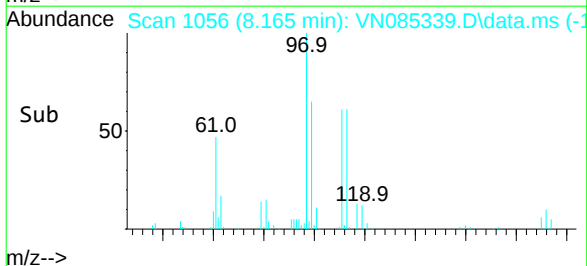
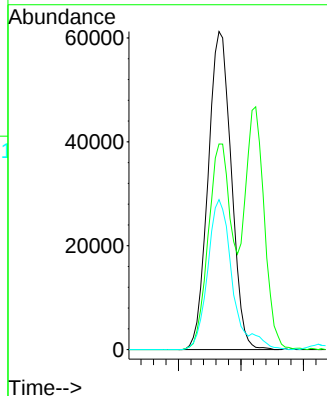
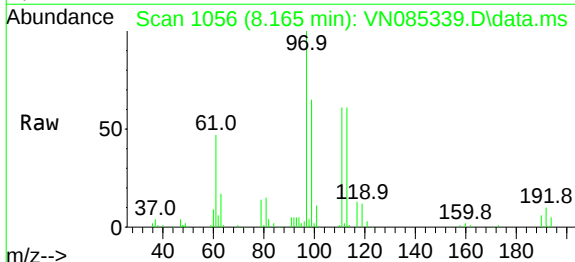
APPROVED

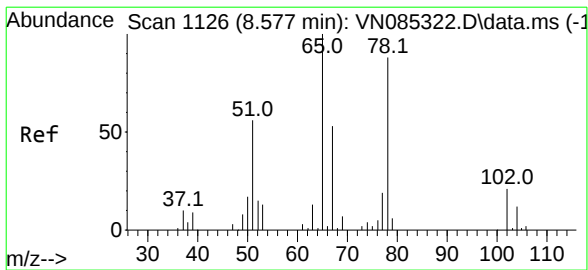
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#32
1,1,1-Trichloroethane
Concen: 45.059 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion: 97 Resp: 158083
Ion Ratio Lower Upper
97 100
99 65.0 53.3 79.9
61 50.1 39.6 59.4





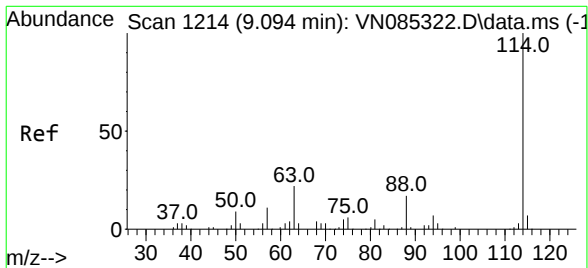
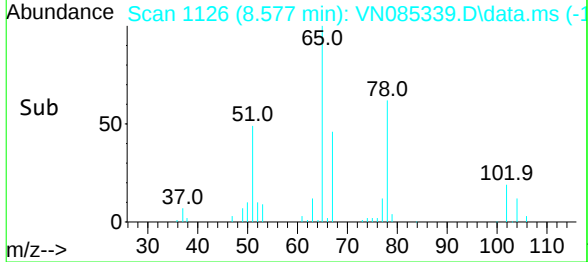
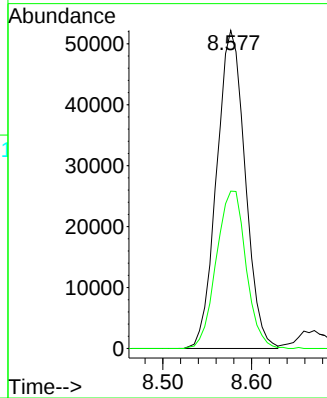
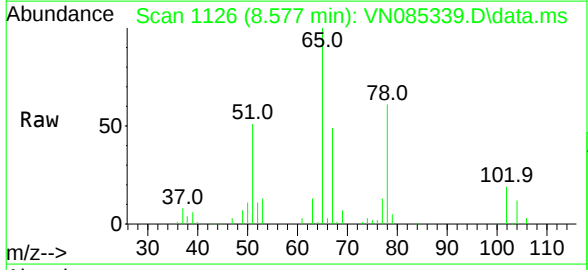
#33
1,2-Dichloroethane-d4
Concen: 49.063 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 116389
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

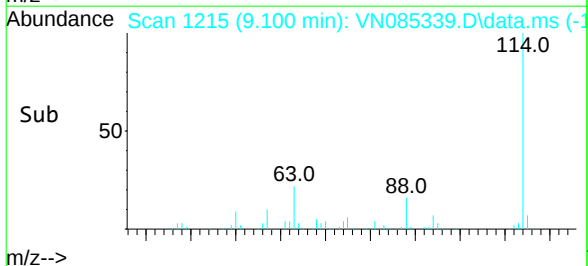
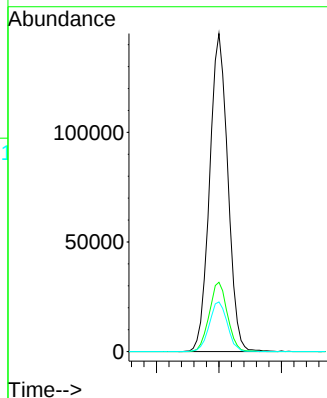
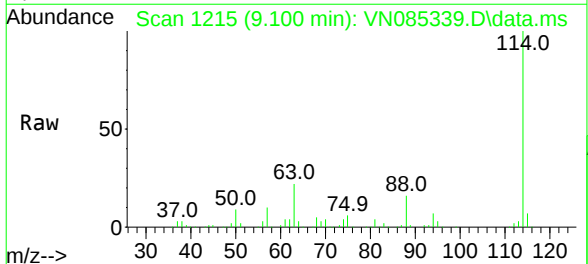
Manual Integrations
APPROVED

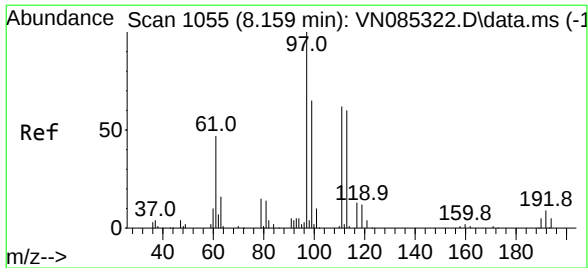
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

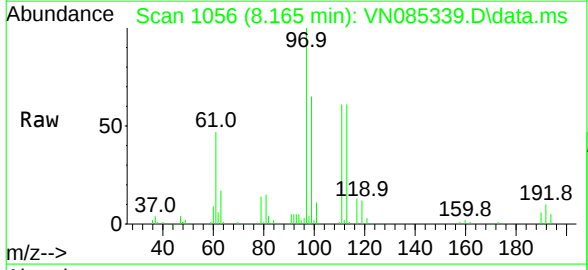
Tgt Ion:114 Resp: 293676
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.4
88 15.6 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 48.363 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085339.D
 Acq: 30 Dec 2024 12:27

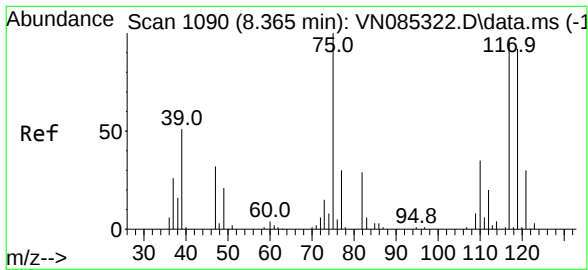
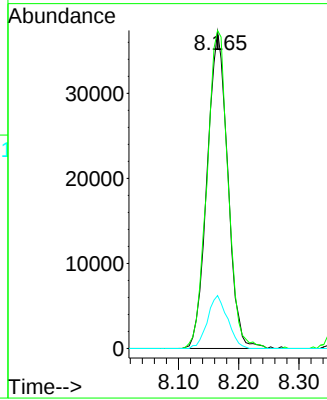
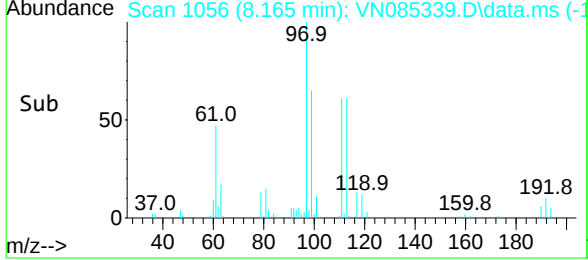
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:	113	Resp:	88607
Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.5	120.7
192	16.3	12.9	19.3

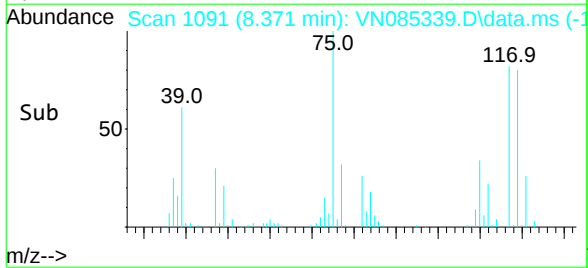
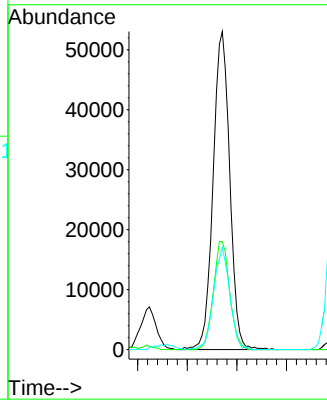
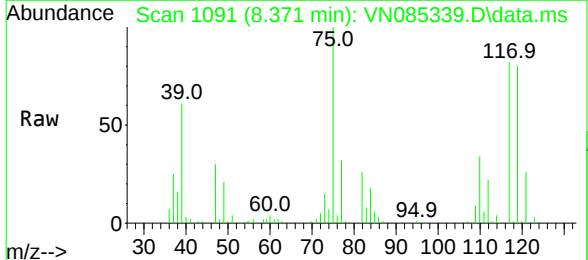
Manual Integrations
 APPROVED

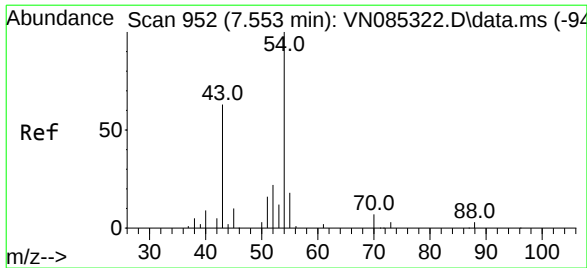
Reviewed By :John Carlone 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024



#36
 1,1-Dichloropropene
 Concen: 46.052 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085339.D
 Acq: 30 Dec 2024 12:27

Tgt Ion:	75	Resp:	123535
Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.6	49.8
77	31.3	24.3	36.5





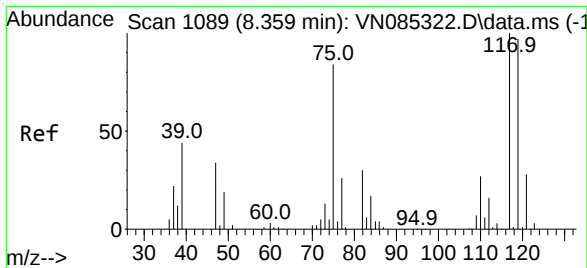
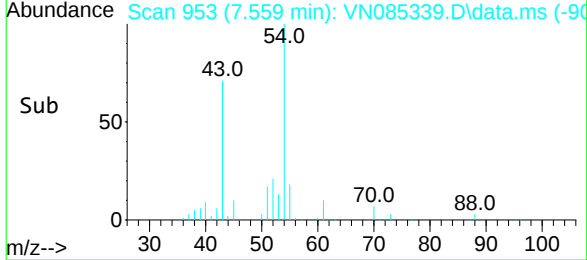
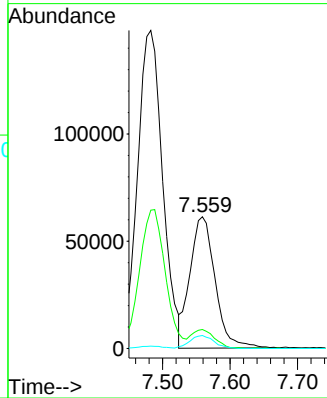
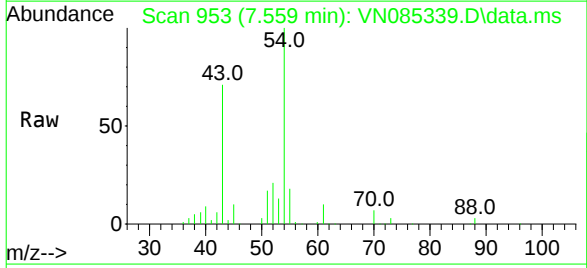
#37
Ethyl Acetate
Concen: 59.616 ug/l
RT: 7.559 min Scan# 951
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	158951
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	9.5	8.2	12.2

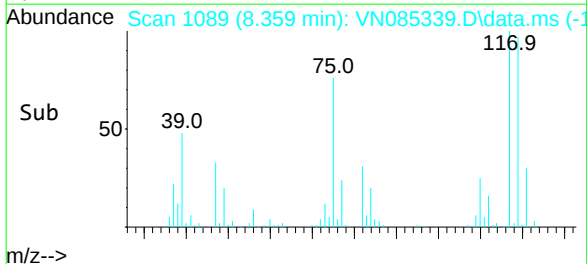
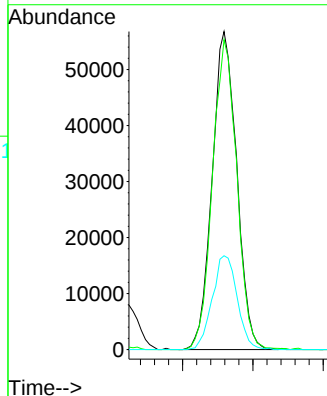
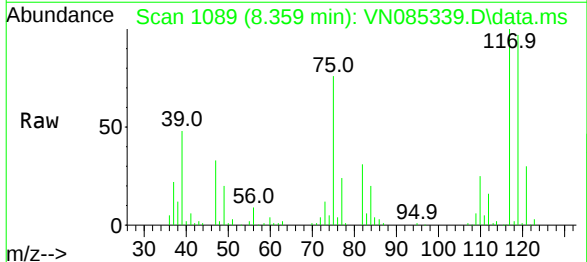
Manual Integrations
APPROVED

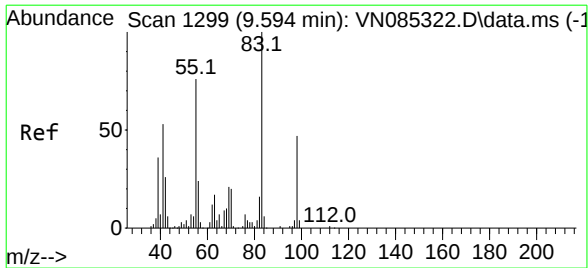
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#38
Carbon Tetrachloride
Concen: 47.119 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion:	117	Resp:	137774
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.8	116.6
121	29.5	22.5	33.7





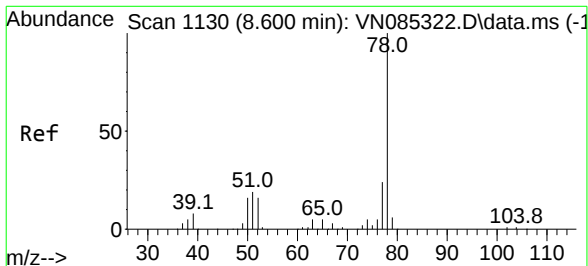
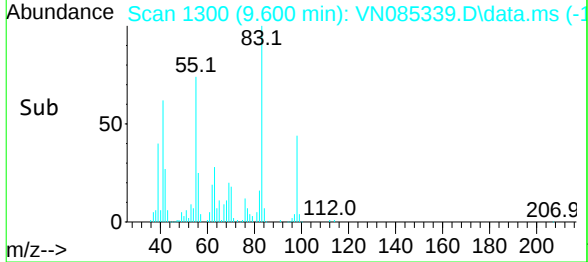
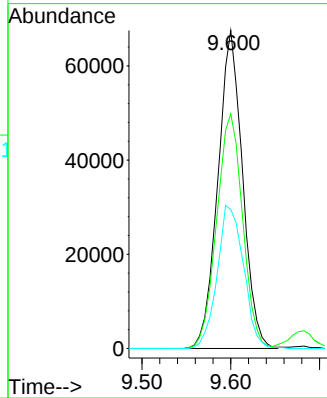
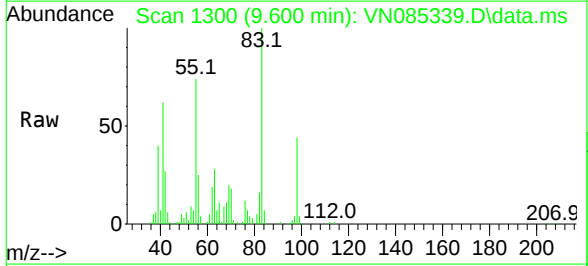
#39
Methylcyclohexane
Concen: 46.712 ug/l
RT: 9.600 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 130010
Ion Ratio Lower Upper
83 100
55 73.8 60.7 91.1
98 43.7 37.7 56.5

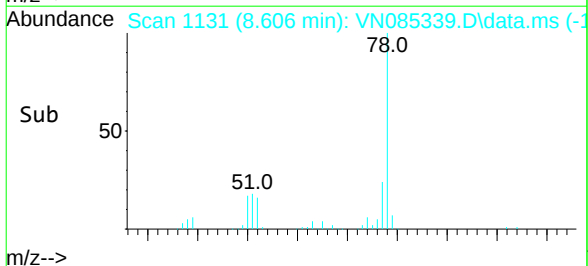
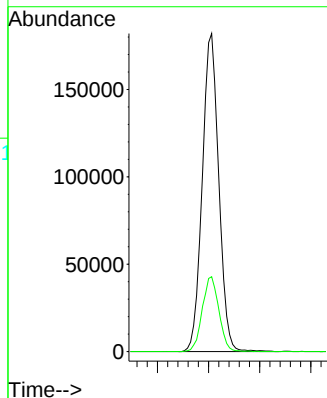
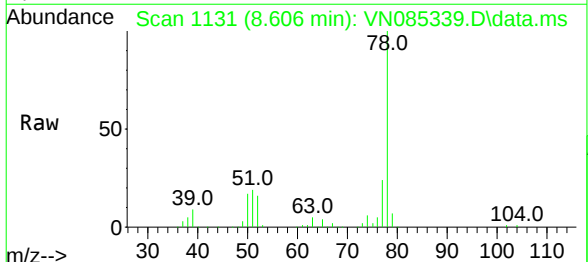
Manual Integrations
APPROVED

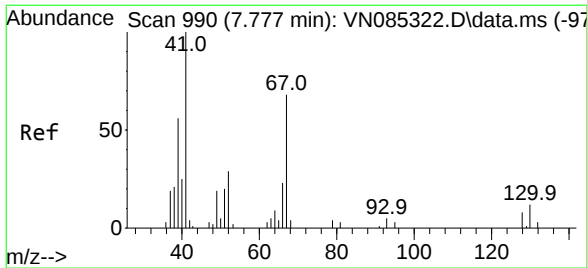
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#40
Benzene
Concen: 50.303 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion: 78 Resp: 407978
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





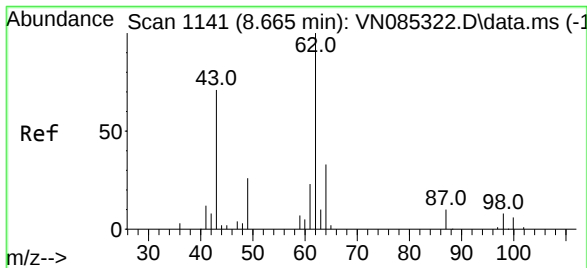
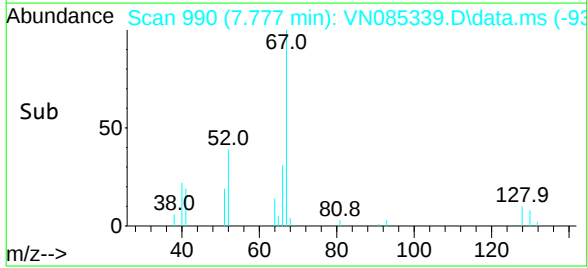
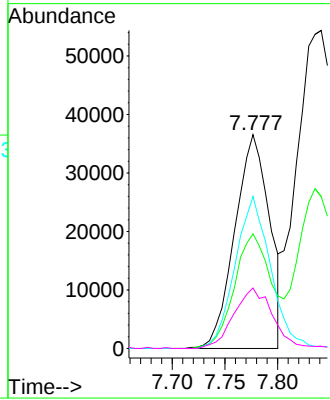
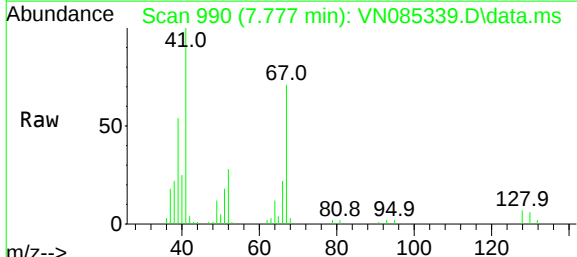
#41
Methacrylonitrile
Concen: 61.306 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	83714
Ion	Ratio	Lower	Upper
41	100		
39	58.4	45.8	68.8
67	73.1	57.1	85.7
52	32.0	25.1	37.7

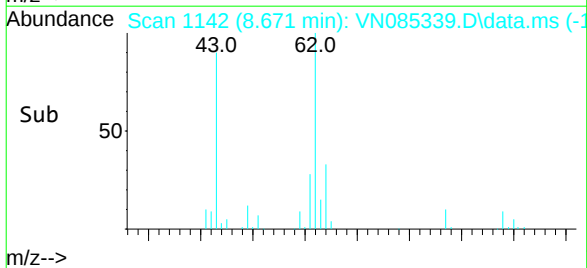
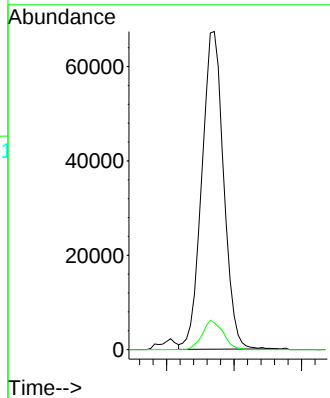
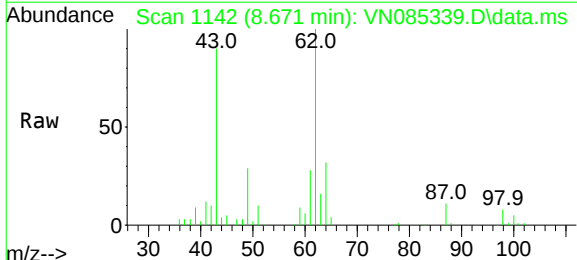
Manual Integrations
APPROVED

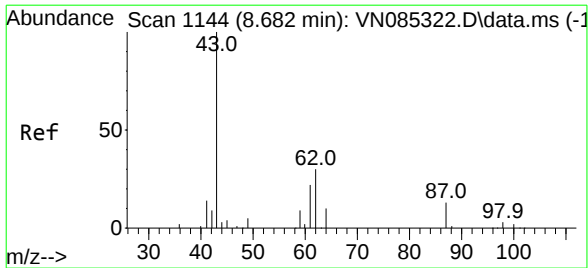
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#42
1,2-Dichloroethane
Concen: 52.050 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion:	62	Resp:	151351
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





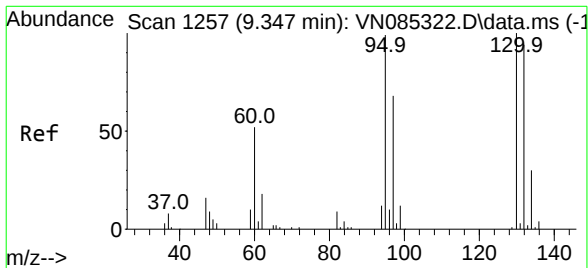
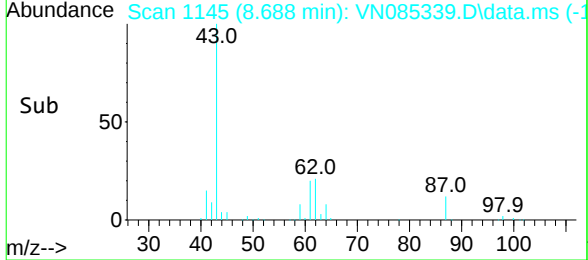
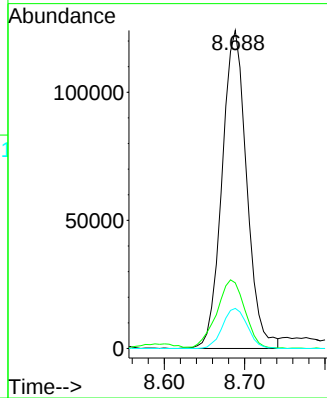
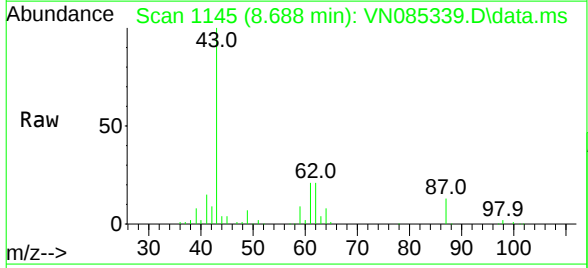
#43
Isopropyl Acetate
Concen: 60.271 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 264605
Ion Ratio Lower Upper
43 100
61 24.9 20.8 31.2
87 12.7 10.2 15.4

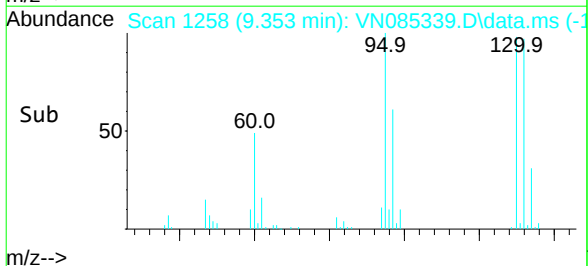
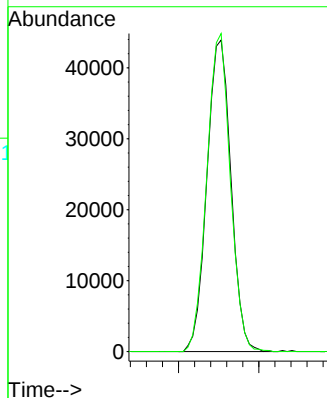
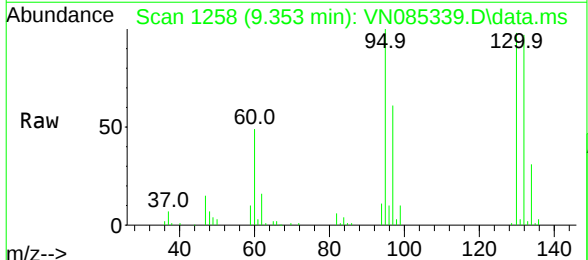
Manual Integrations
APPROVED

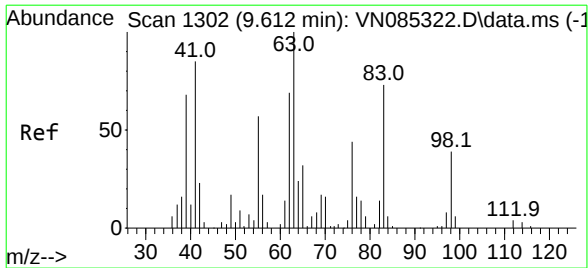
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#44
Trichloroethene
Concen: 47.545 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion:130 Resp: 91293
Ion Ratio Lower Upper
130 100
95 102.1 0.0 197.8





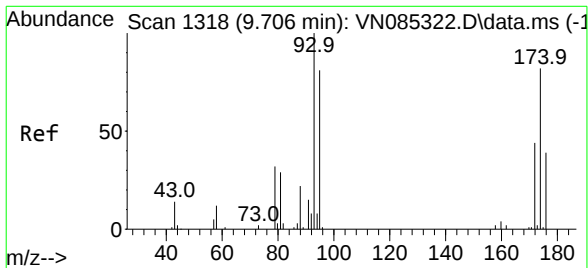
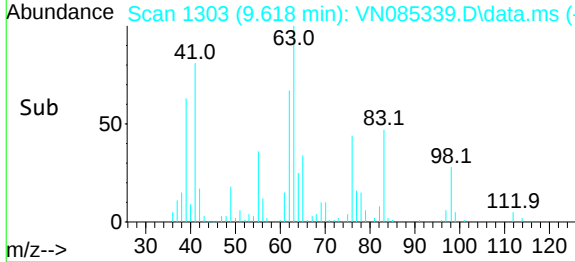
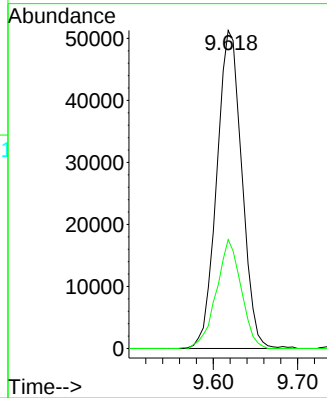
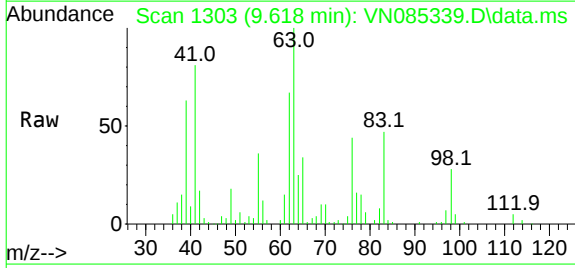
#45
1,2-Dichloropropane
Concen: 51.386 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 105798
Ion Ratio Lower Upper
63 100
65 34.2 25.5 38.3

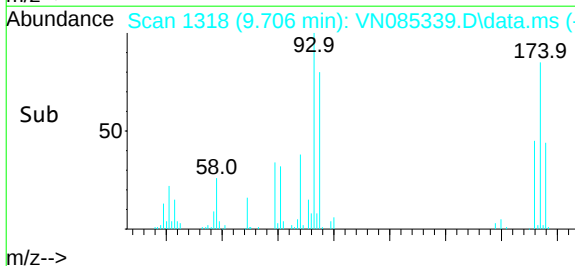
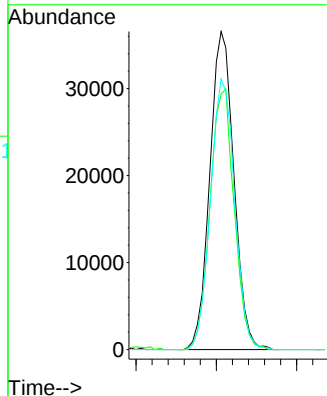
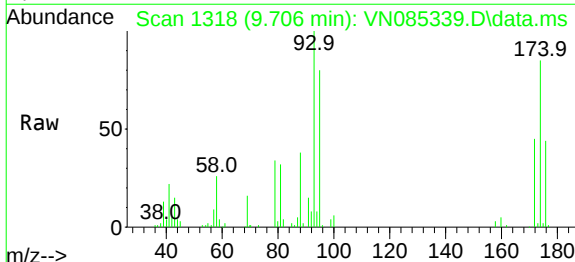
Manual Integrations
APPROVED

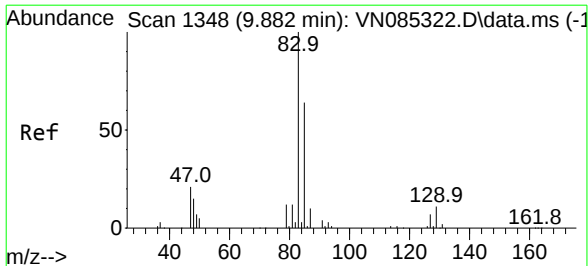
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#46
Dibromomethane
Concen: 53.207 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion: 93 Resp: 76186
Ion Ratio Lower Upper
93 100
95 82.2 65.3 97.9
174 85.6 66.4 99.6





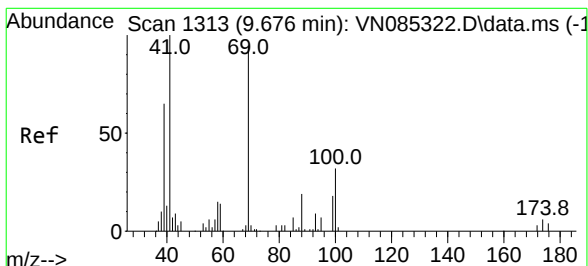
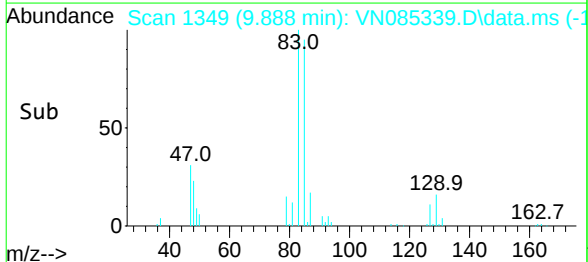
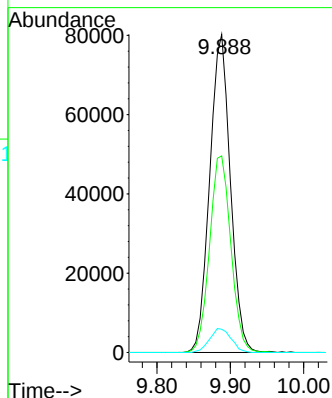
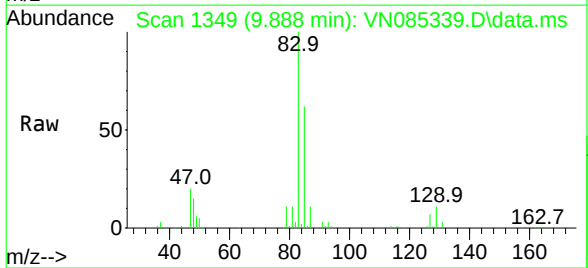
#47
Bromodichloromethane
Concen: 52.711 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 156872
Ion Ratio Lower Upper
83 100
85 61.8 51.0 76.4
127 7.3 5.8 8.6

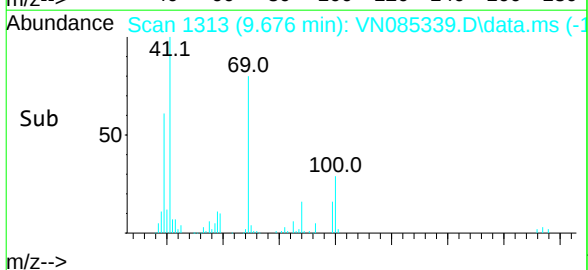
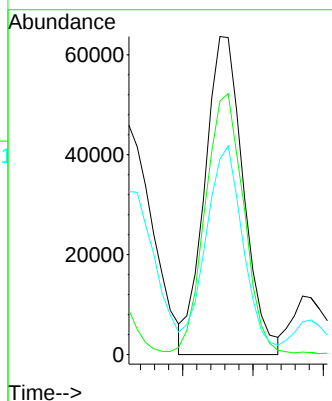
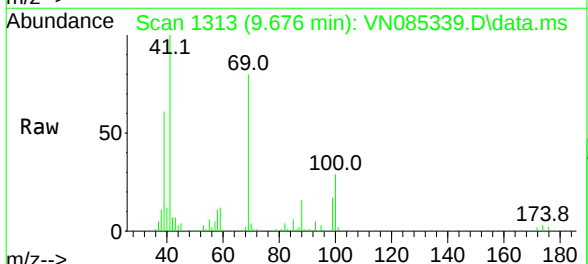
Manual Integrations
APPROVED

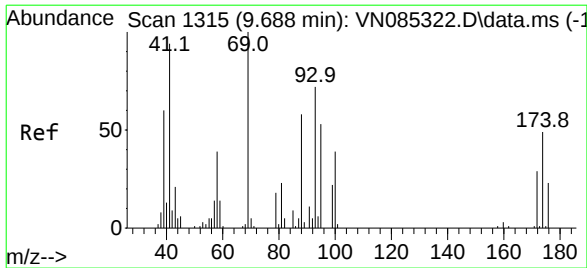
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#48
Methyl methacrylate
Concen: 63.963 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

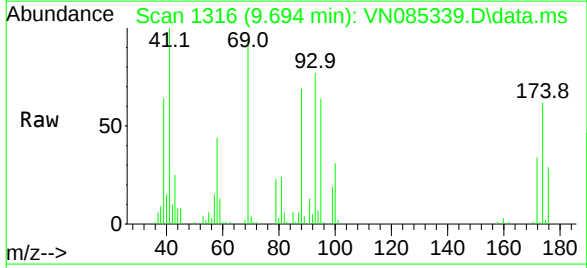
Tgt Ion: 41 Resp: 121850
Ion Ratio Lower Upper
41 100
69 82.4 67.7 101.5
39 63.6 51.2 76.8





#49
1,4-Dioxane
Concen: 1527.056 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

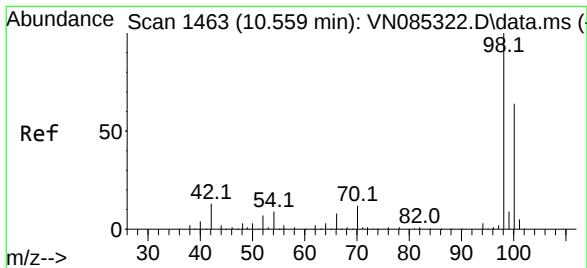
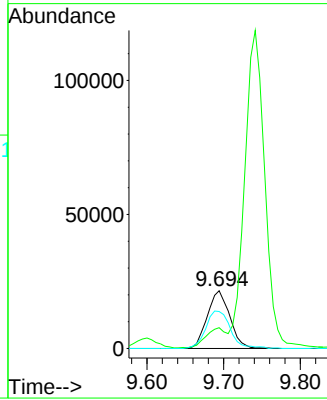
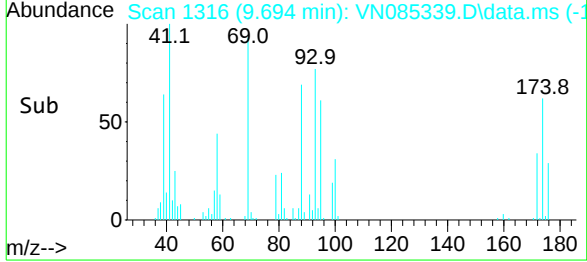
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 43891
Ion Ratio Lower Upper
88 100
43 33.0 22.1 33.1
58 71.5 56.7 85.1

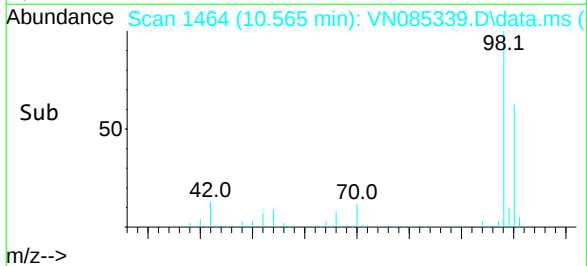
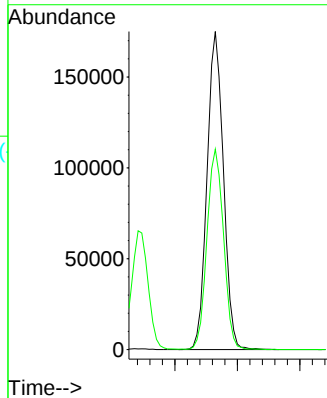
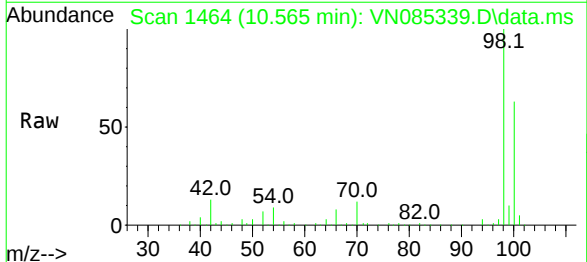
Manual Integrations
APPROVED

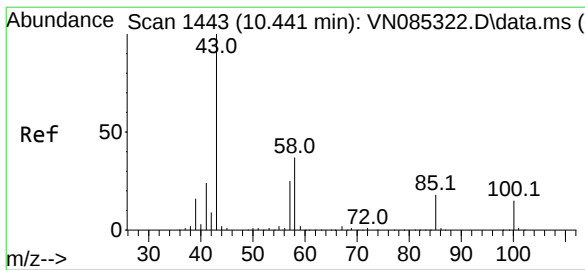
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#50
Toluene-d8
Concen: 47.323 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion: 98 Resp: 318154
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3





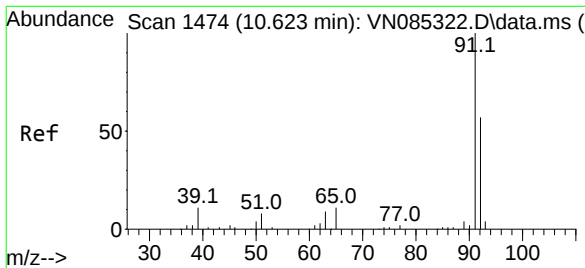
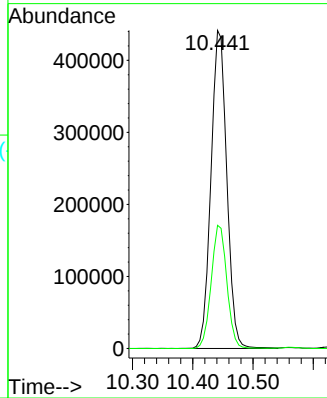
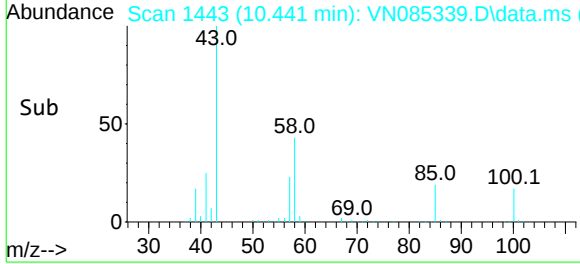
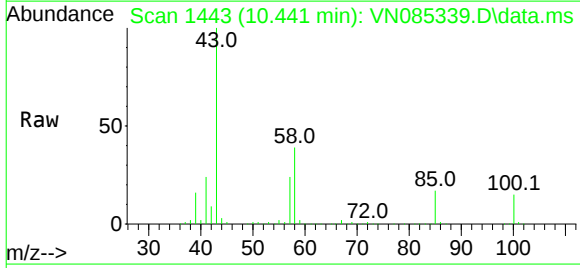
#51
4-Methyl-2-Pentanone
Concen: 326.031 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 804374
Ion Ratio Lower Upper
43 100
58 38.4 30.3 45.5

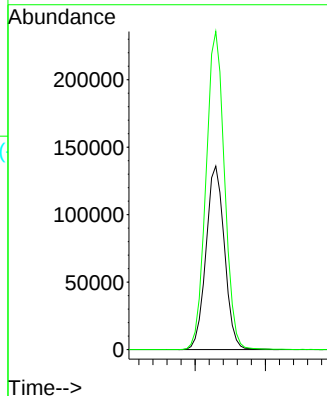
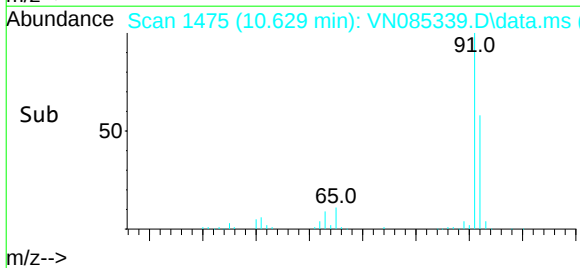
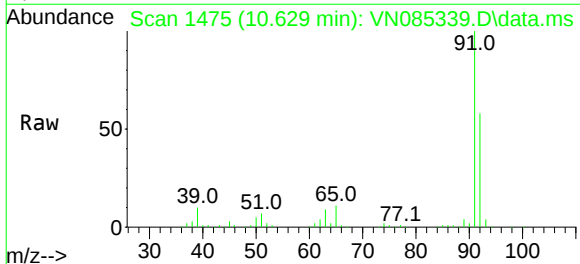
Manual Integrations
APPROVED

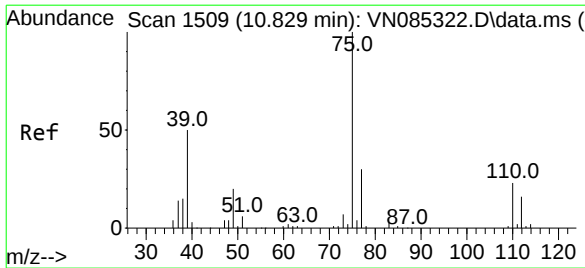
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#52
Toluene
Concen: 51.401 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

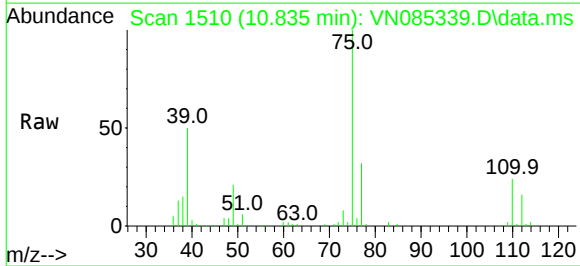
Tgt Ion: 92 Resp: 248223
Ion Ratio Lower Upper
92 100
91 173.6 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 54.871 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

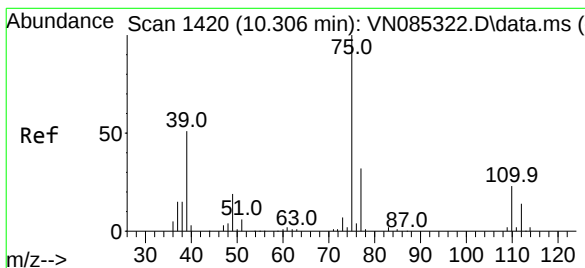
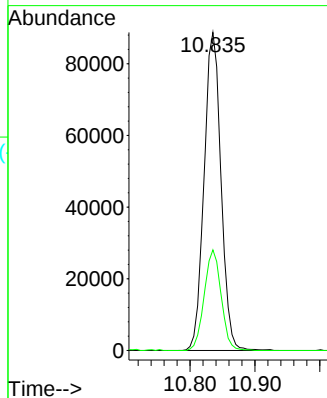
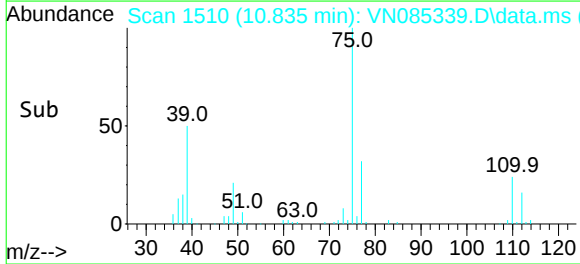
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



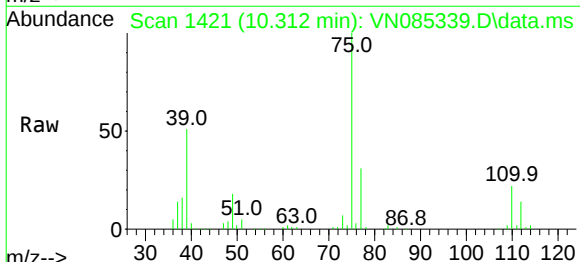
Tgt Ion: 75 Resp: 160591
Ion Ratio Lower Upper
75 100
77 31.6 23.8 35.6

Manual Integrations
APPROVED

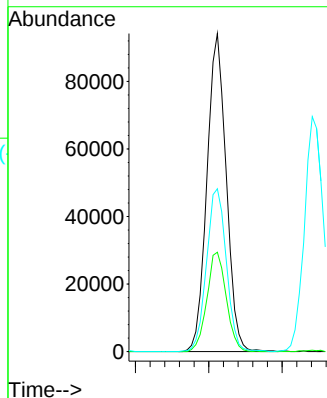
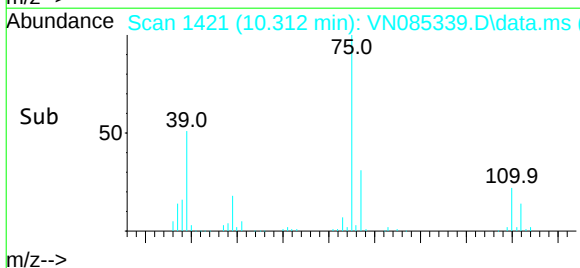
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

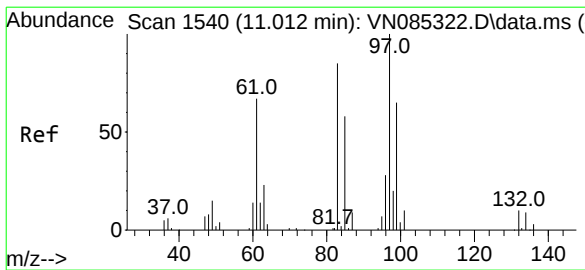


#54
cis-1,3-Dichloropropene
Concen: 54.269 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27



Tgt Ion: 75 Resp: 171749
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 51.2 40.5 60.7





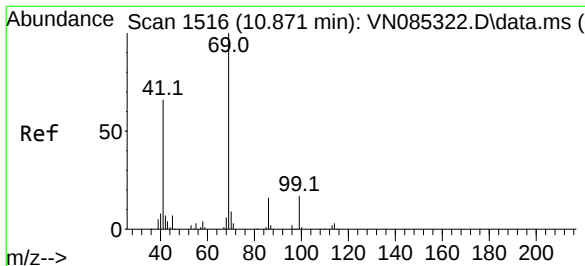
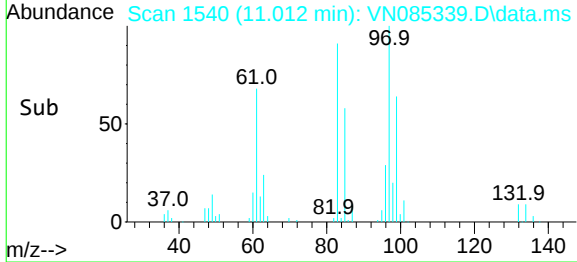
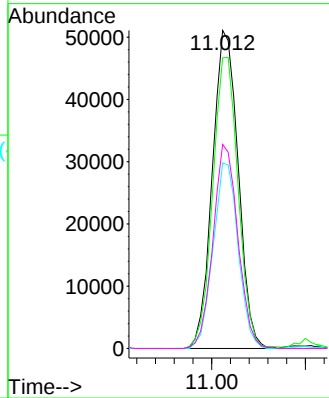
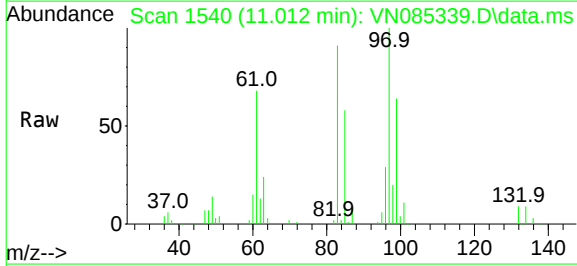
#55
1,1,2-Trichloroethane
Concen: 53.534 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	97607
Ion	Ratio	Lower	Upper
97	100		
83	91.4	67.7	101.5
85	58.3	46.2	69.4
99	64.2	51.8	77.6

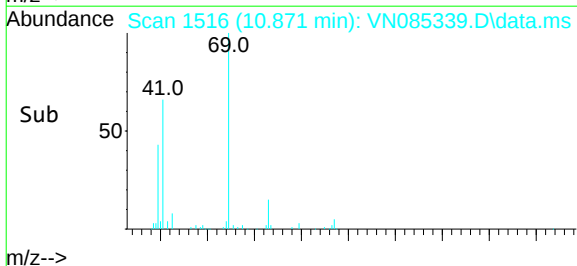
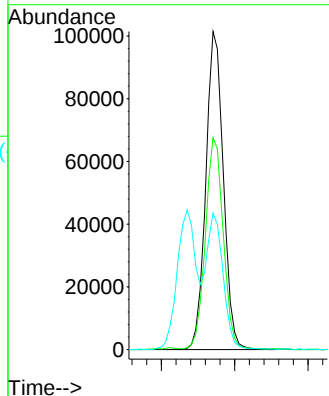
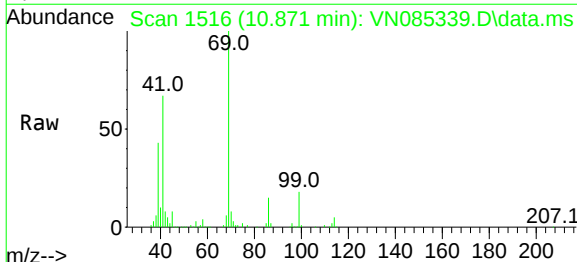
Manual Integrations
APPROVED

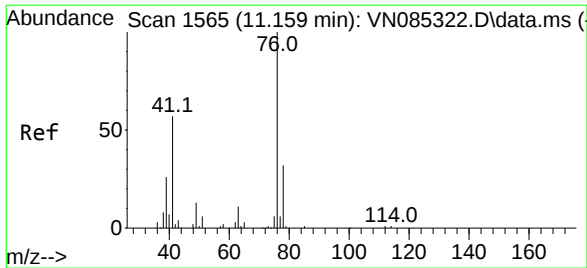
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#56
Ethyl methacrylate
Concen: 63.406 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

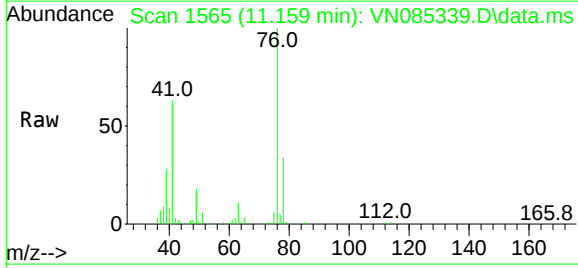
Tgt Ion:	69	Resp:	168367
Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.3	81.5
39	41.9	32.0	48.0





#57
1,3-Dichloropropane
Concen: 54.914 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

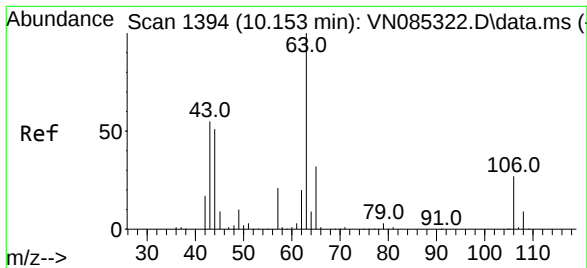
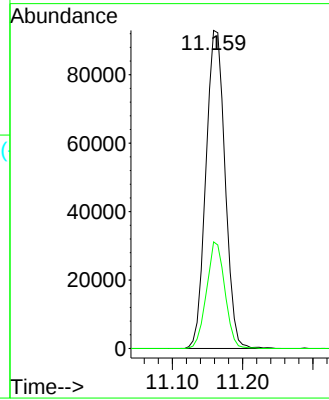
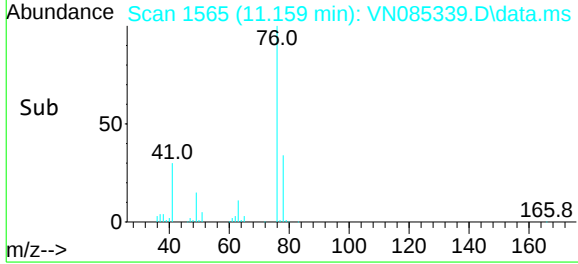
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 175727
Ion Ratio Lower Upper
76 100
78 32.1 25.5 38.3

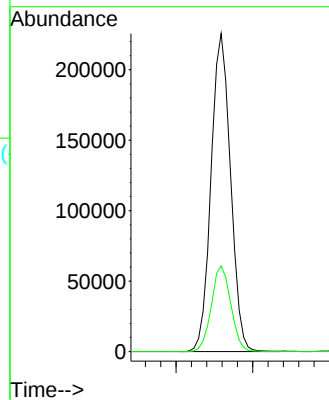
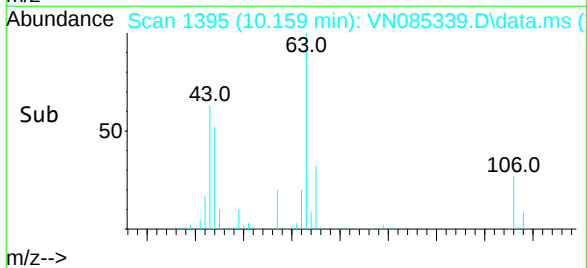
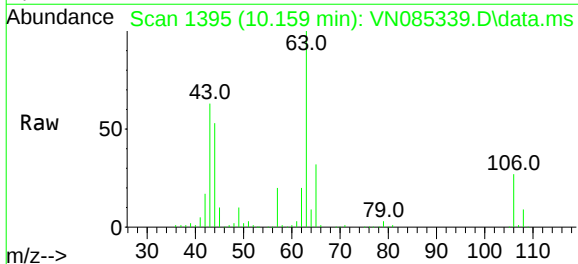
Manual Integrations
APPROVED

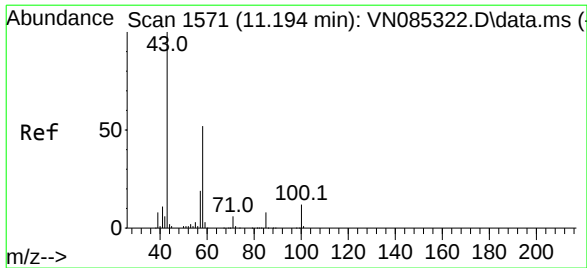
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#58
2-Chloroethyl Vinyl ether
Concen: 309.966 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion: 63 Resp: 398221
Ion Ratio Lower Upper
63 100
106 26.8 22.1 33.1





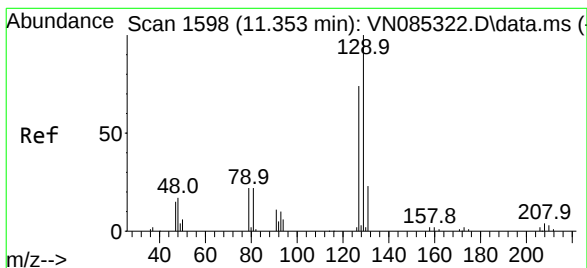
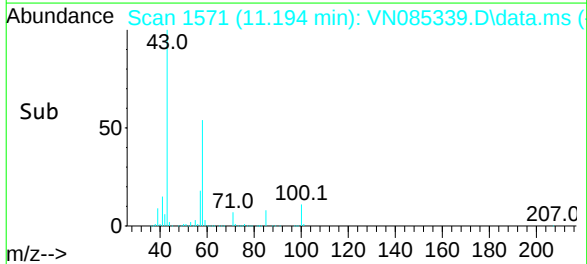
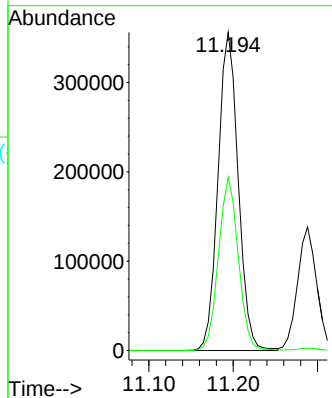
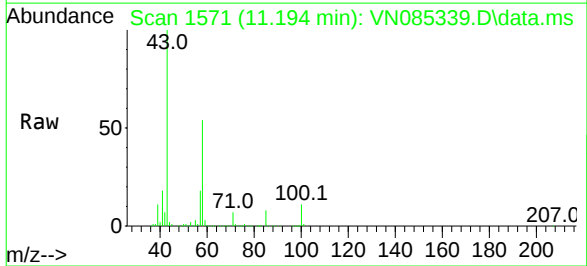
#59
2-Hexanone
Concen: 345.412 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 591253
Ion Ratio Lower Upper
43 100
58 53.5 26.5 79.5

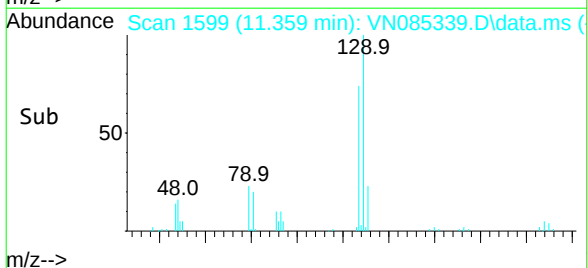
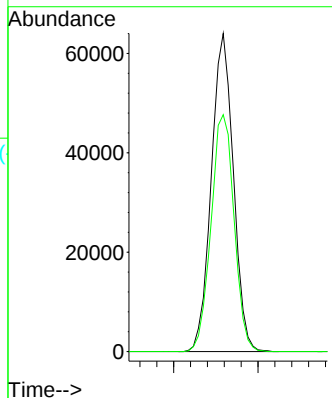
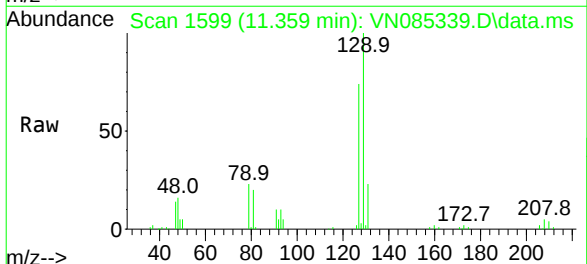
Manual Integrations
APPROVED

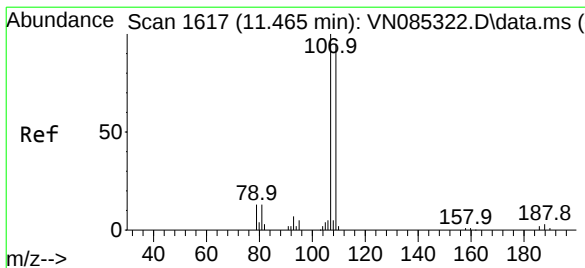
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#60
Dibromochloromethane
Concen: 56.641 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion:129 Resp: 116317
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9





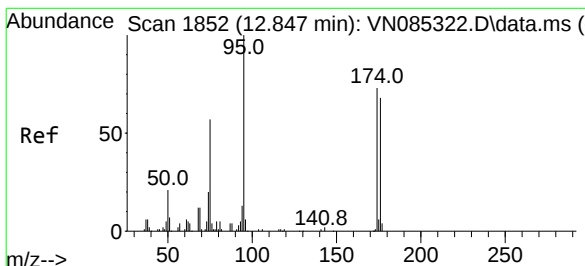
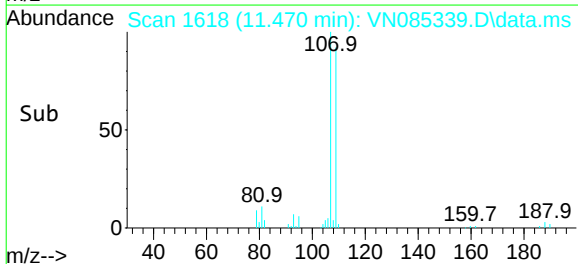
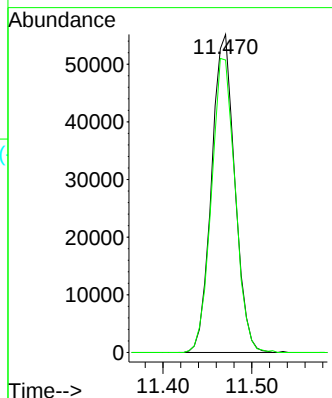
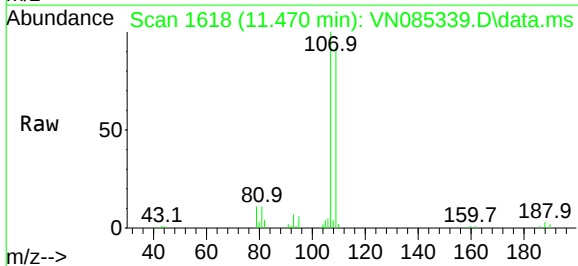
#61
1,2-Dibromoethane
Concen: 55.431 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 99988
Ion Ratio Lower Upper
107 100
109 94.7 74.9 112.3

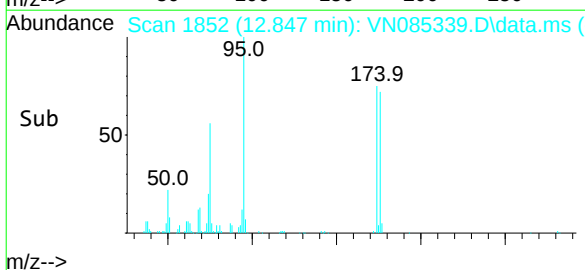
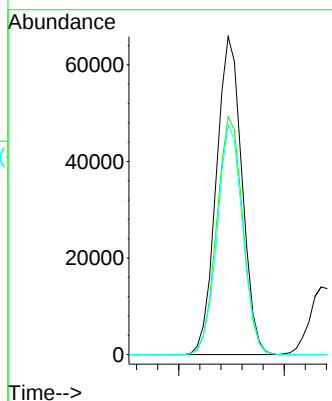
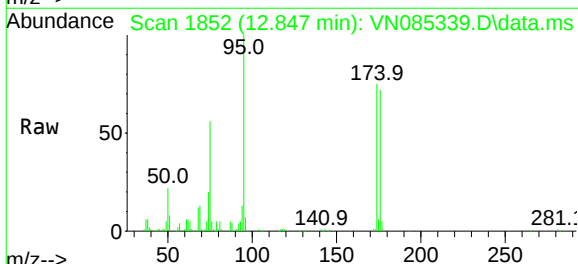
Manual Integrations
APPROVED

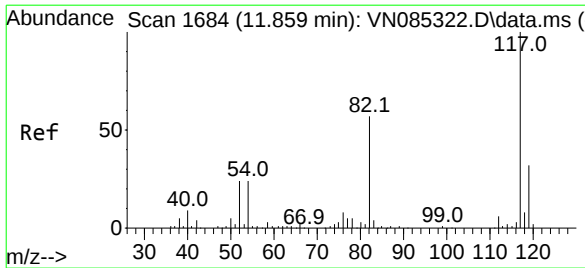
Reviewed By : John Carlone 12/31/2024
Supervised By : Mahesh Dadoda 12/31/2024



#62
4-Bromofluorobenzene
Concen: 49.990 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

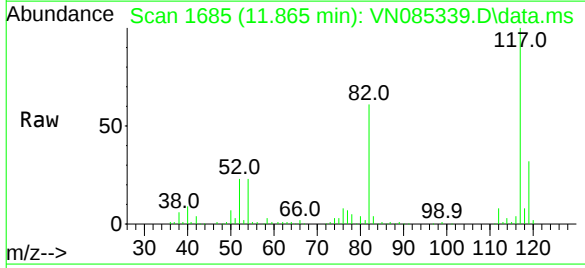
Tgt Ion: 95 Resp: 111616
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.2
176 71.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

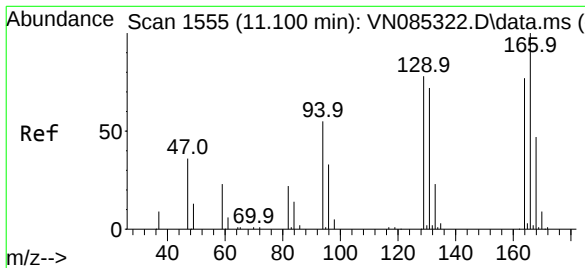
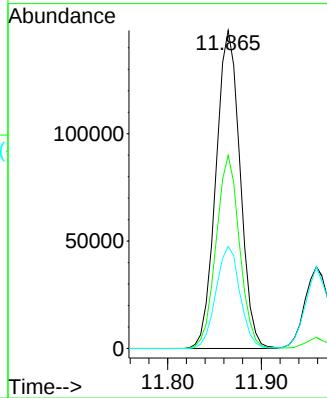
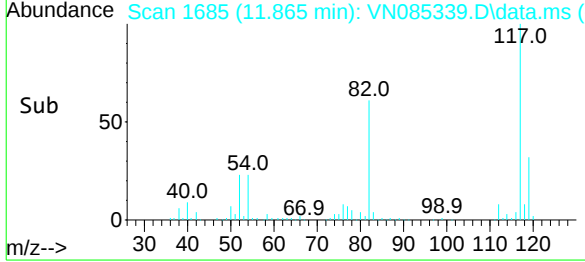
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 265343
Ion Ratio Lower Upper
117 100
82 60.7 45.7 68.5
119 32.1 25.8 38.8

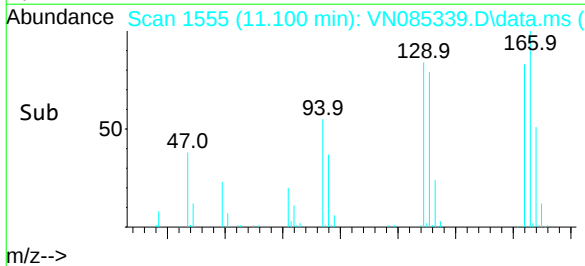
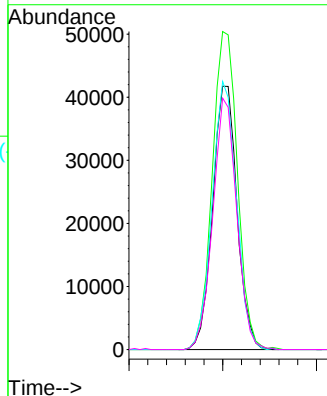
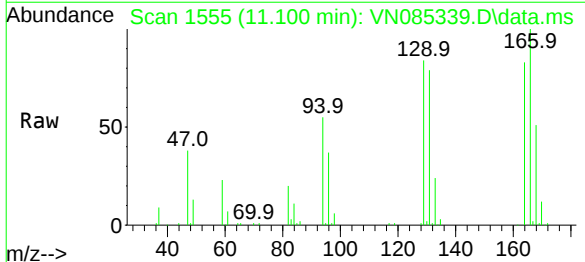
Manual Integrations
APPROVED

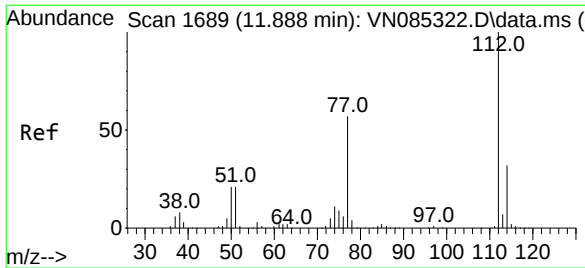
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#64
Tetrachloroethene
Concen: 44.842 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion:164 Resp: 75394
Ion Ratio Lower Upper
164 100
166 120.8 104.0 156.0
129 101.8 81.3 121.9
131 95.5 75.0 112.6





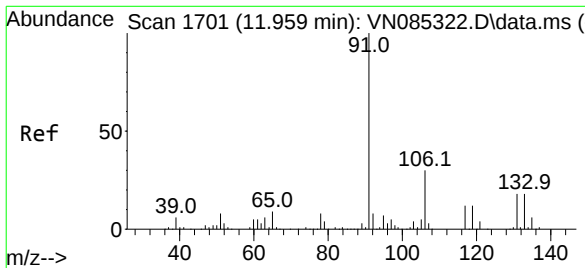
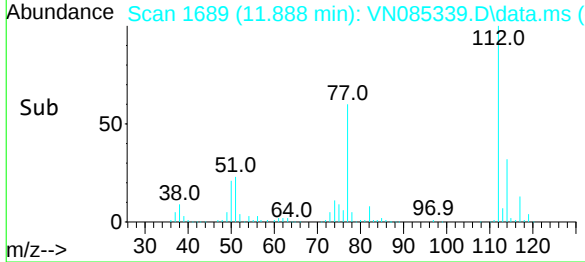
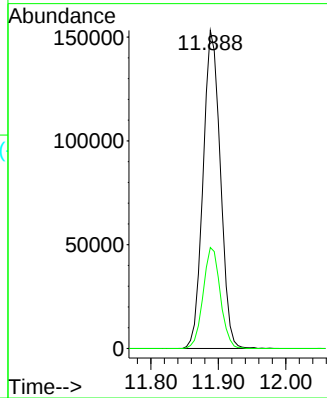
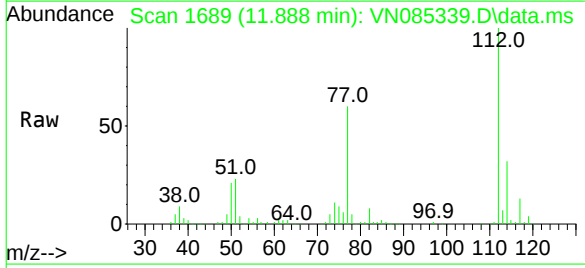
#65
Chlorobenzene
Concen: 47.508 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 272414
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8

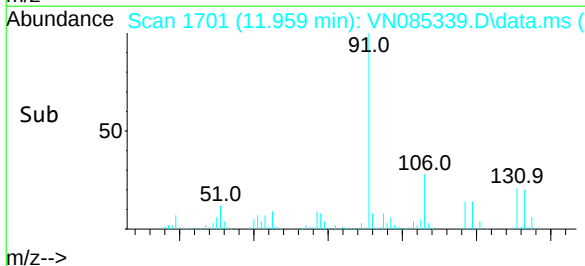
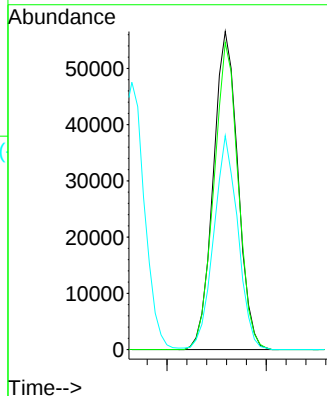
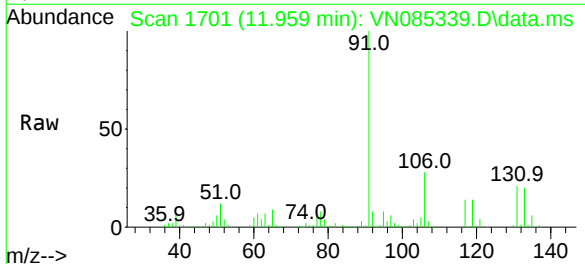
Manual Integrations
APPROVED

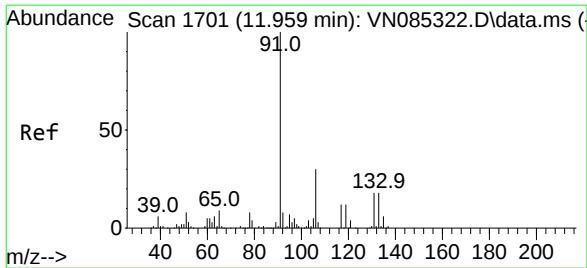
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.684 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion:131 Resp: 97540
Ion Ratio Lower Upper
131 100
133 95.2 48.3 144.9
119 65.9 33.4 100.1





#67

Ethyl Benzene

Concen: 49.057 ug/l

RT: 11.965 min Scan# 17

Delta R.T. 0.006 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 467807

Ion Ratio Lower Upper

91 100

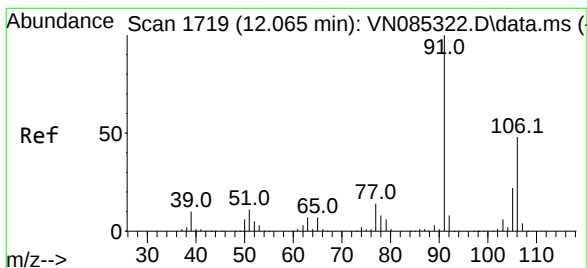
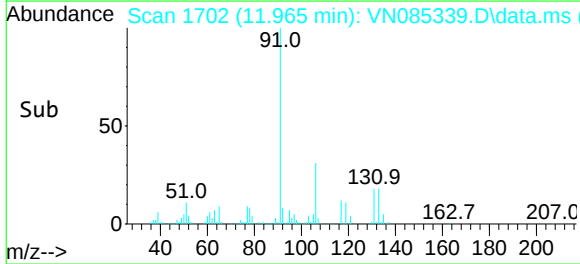
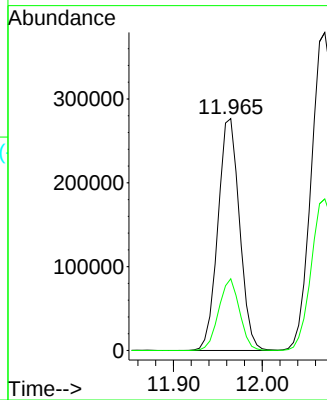
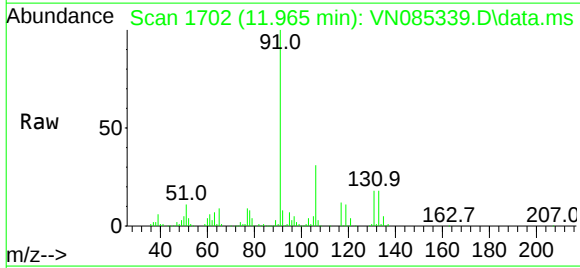
106 30.9 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#68

m/p-Xylenes

Concen: 102.977 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN085339.D

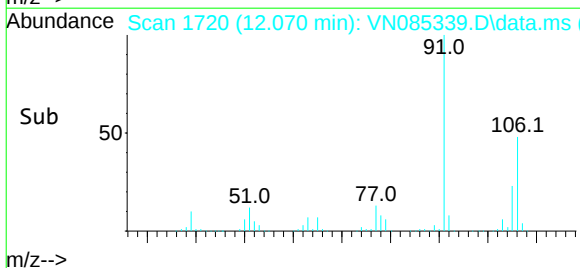
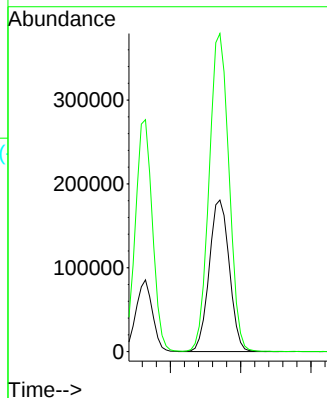
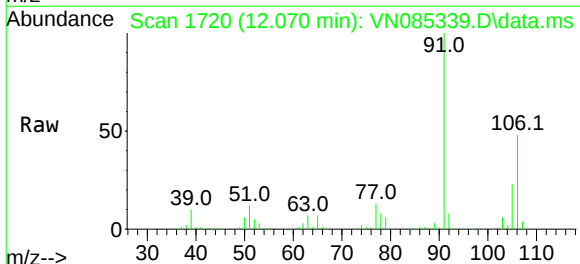
Acq: 30 Dec 2024 12:27

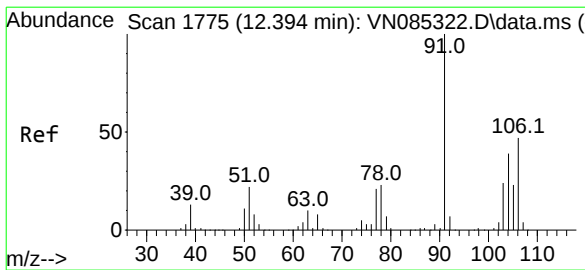
Tgt Ion:106 Resp: 359366

Ion Ratio Lower Upper

106 100

91 207.3 165.2 247.8





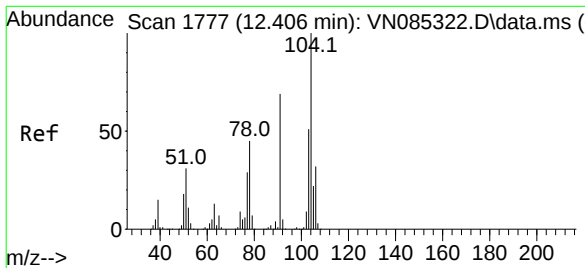
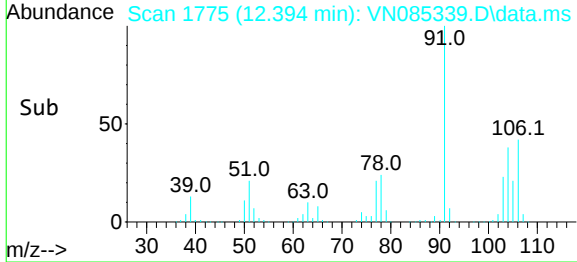
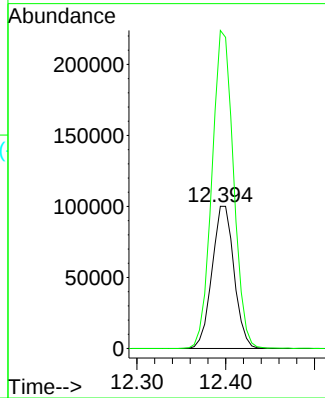
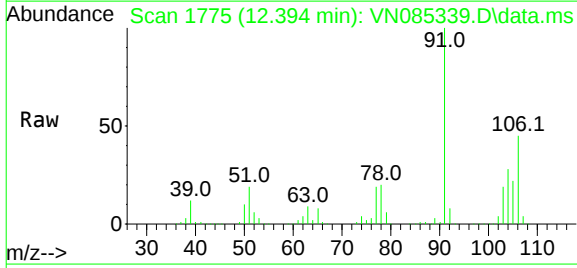
#69
o-Xylene
Concen: 51.128 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 172602
Ion Ratio Lower Upper
106 100
91 219.2 107.3 321.8

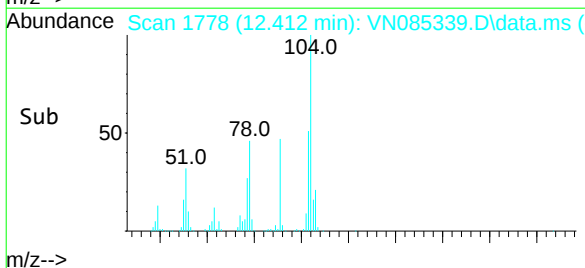
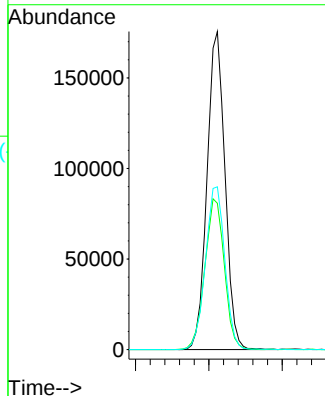
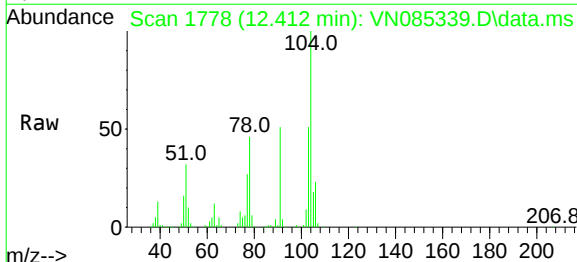
Manual Integrations
APPROVED

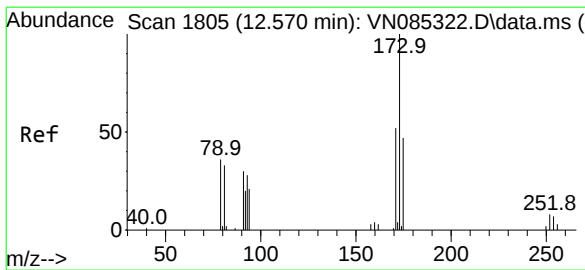
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#70
Styrene
Concen: 54.558 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion:104 Resp: 298505
Ion Ratio Lower Upper
104 100
78 51.4 40.7 61.1
103 55.5 44.1 66.1





#71

Bromoform

Concen: 58.141 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

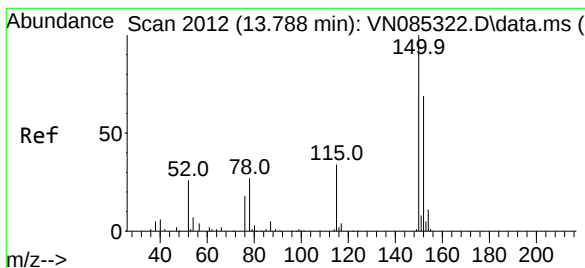
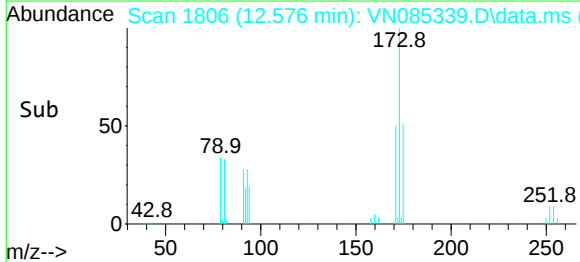
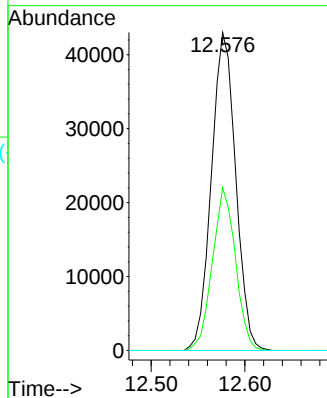
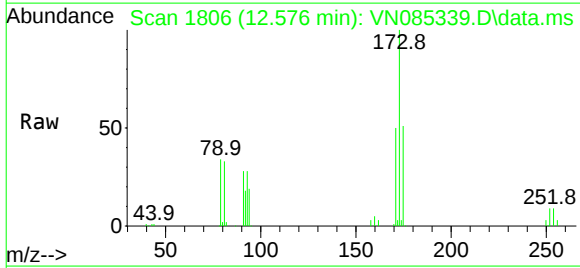
Tgt Ion:	173	Resp:	77498
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

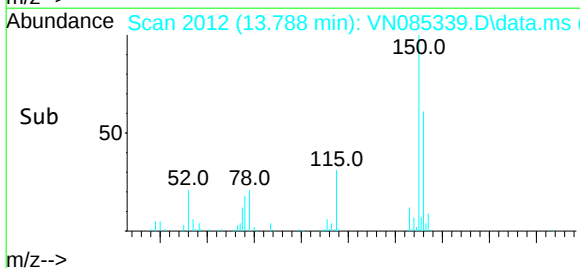
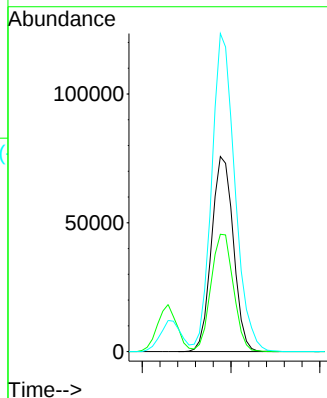
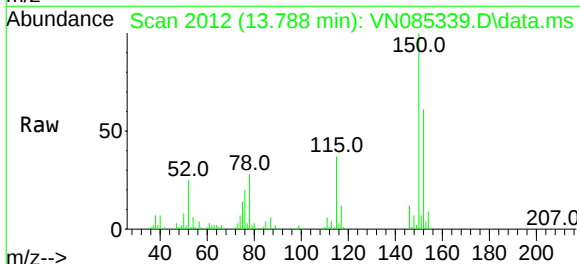
RT: 13.788 min Scan# 2012

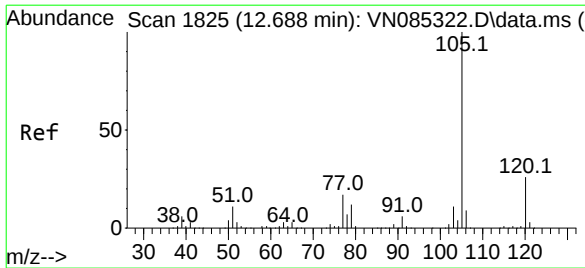
Delta R.T. 0.000 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

Tgt Ion:	152	Resp:	129301
Ion Ratio	Lower	Upper	
152	100		
115	61.7	30.4	91.3
150	173.7	0.0	345.0





#73

Isopropylbenzene

Concen: 45.740 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 425298

Ion Ratio Lower Upper

105 100

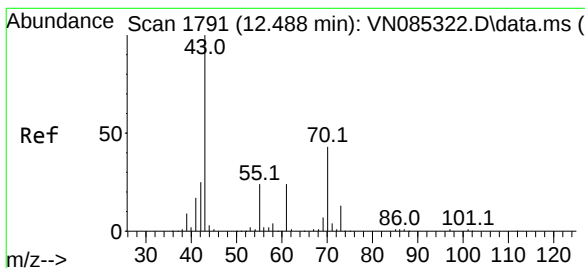
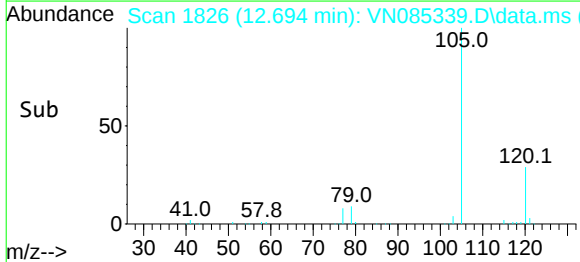
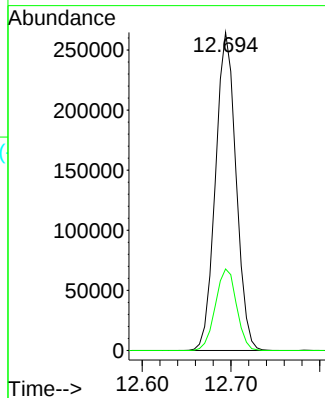
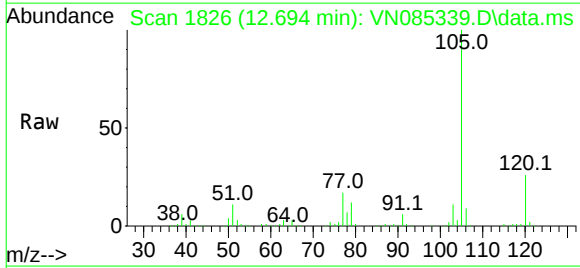
120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#74

N-ethyl acetate

Concen: 57.435 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

Tgt Ion: 43 Resp: 228591

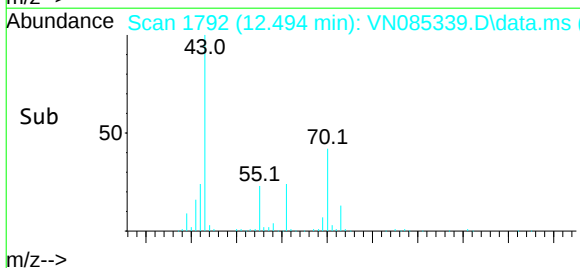
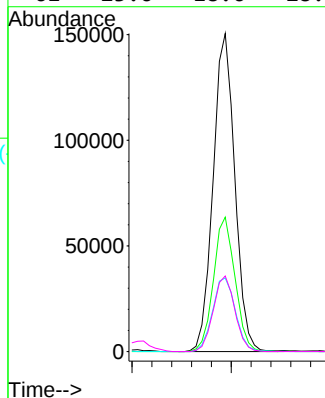
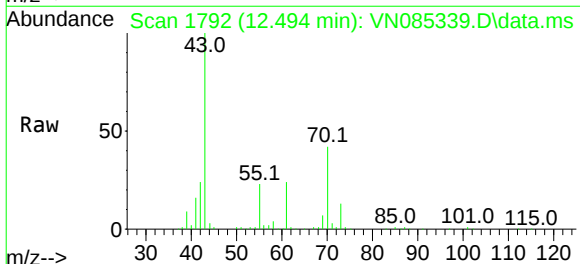
Ion Ratio Lower Upper

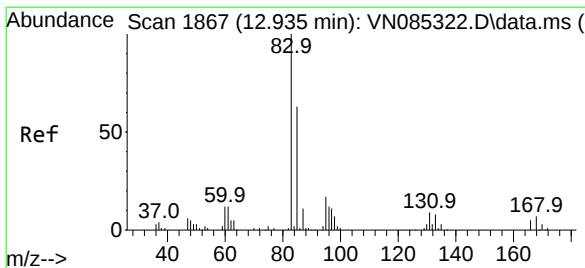
43 100

70 42.0 33.4 50.0

55 24.5 19.2 28.8

61 23.6 18.6 28.0





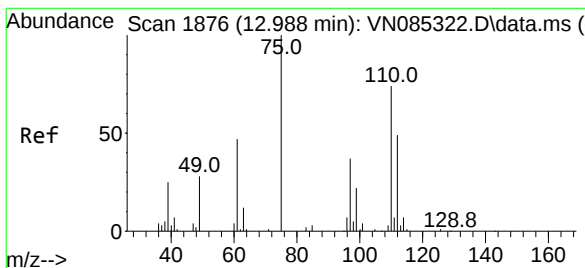
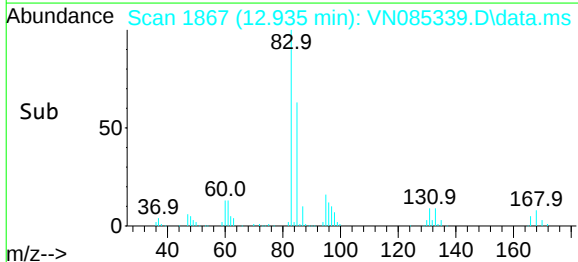
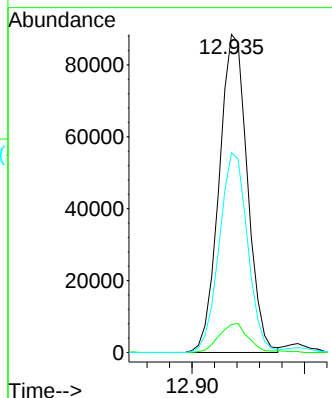
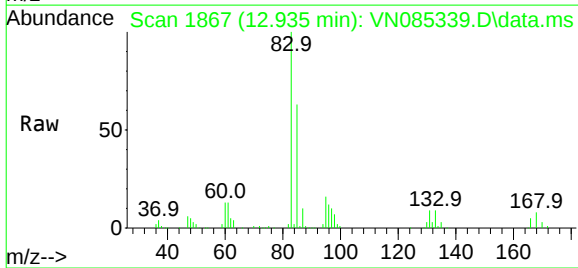
#75
1,1,2,2-Tetrachloroethane
Concen: 52.150 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	83	Resp:	154435
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.4
85	62.9	32.6	98.0

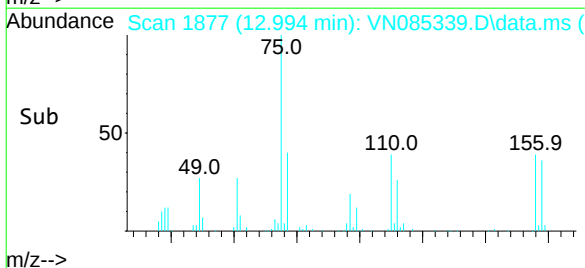
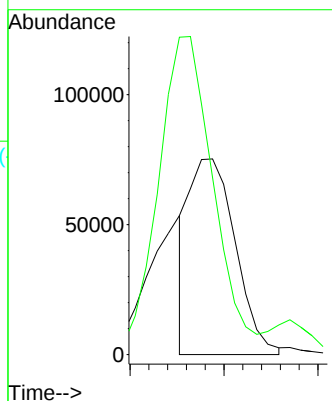
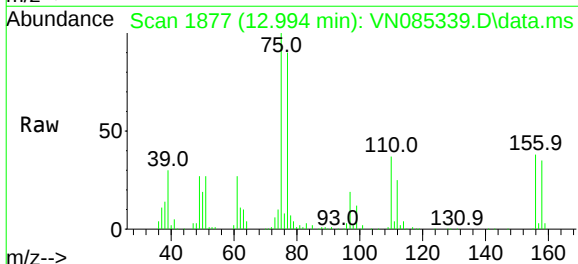
Manual Integrations
APPROVED

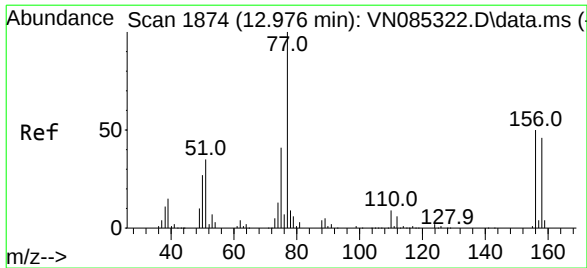
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#76
1,2,3-Trichloropropane
Concen: 53.164 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

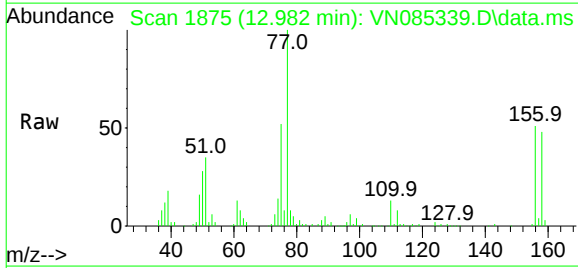
Tgt Ion:	75	Resp:	128367
Ion	Ratio	Lower	Upper
75	100		
77	193.7	98.1	294.3





#77
Bromobenzene
Concen: 46.982 ug/l
RT: 12.982 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

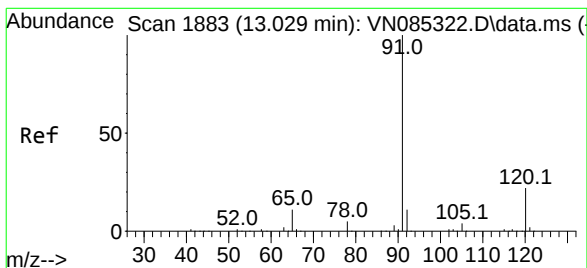
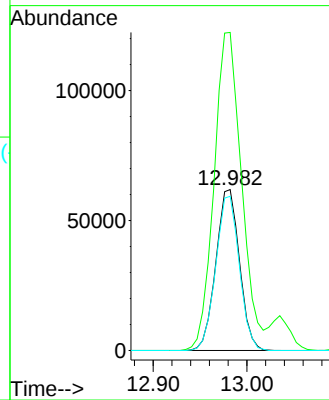
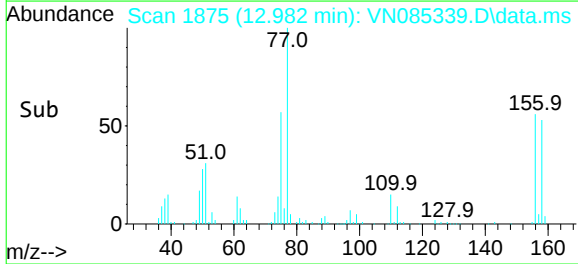
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 108229
Ion Ratio Lower Upper
156 100
77 229.7 114.0 342.0
158 95.7 47.6 142.8

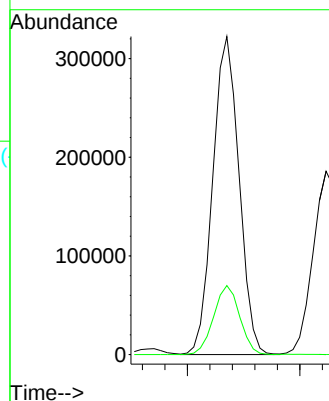
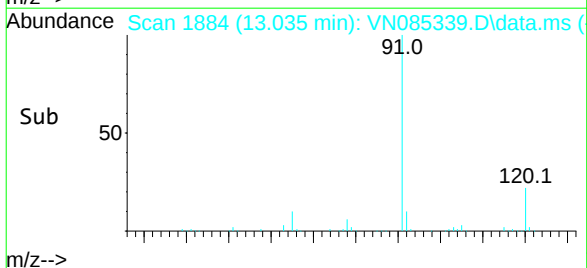
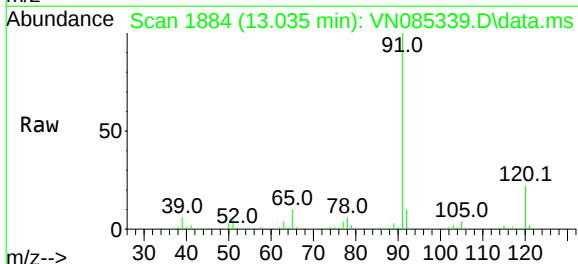
Manual Integrations
APPROVED

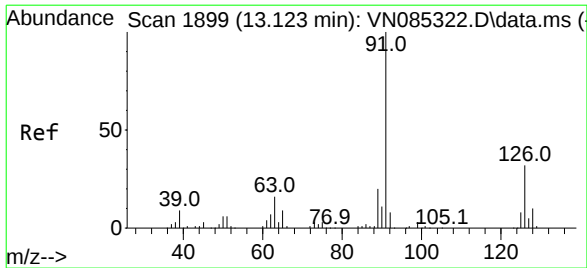
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#78
n-propylbenzene
Concen: 48.190 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion: 91 Resp: 522306
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9





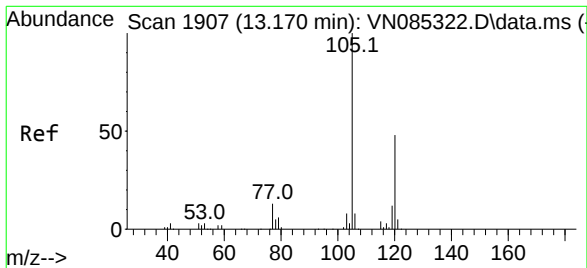
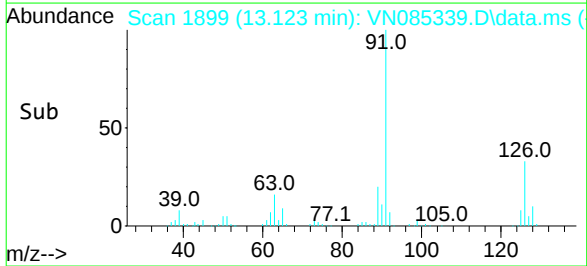
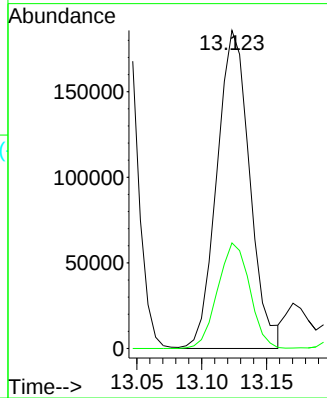
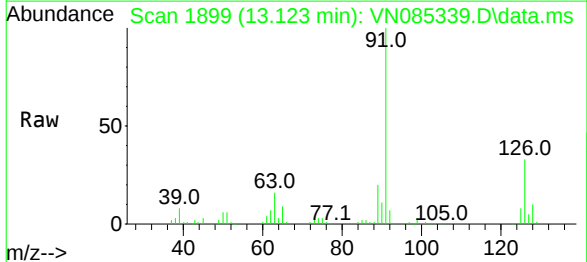
#79
2-Chlorotoluene
Concen: 47.959 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 327142
Ion Ratio Lower Upper
91 100
126 32.3 16.0 48.0

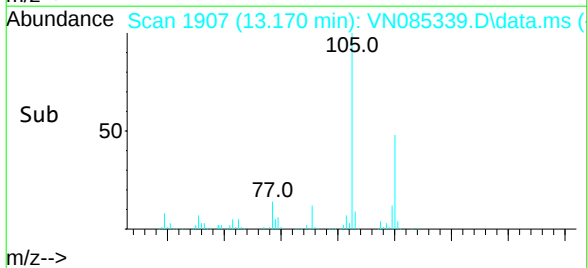
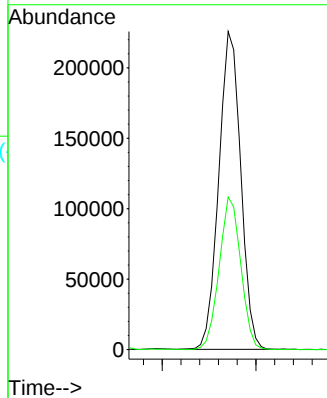
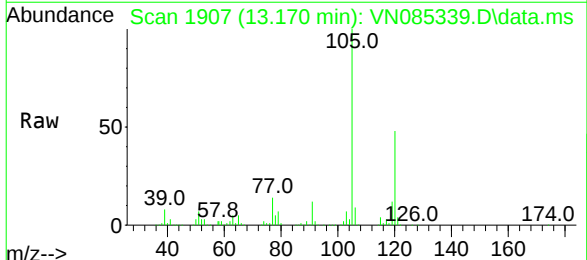
Manual Integrations
APPROVED

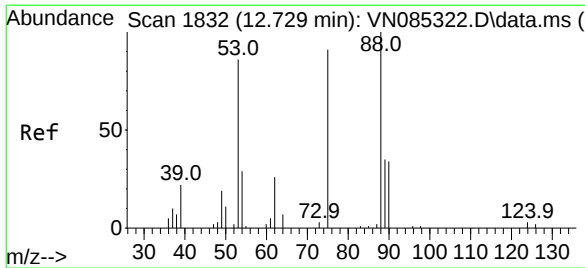
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#80
1,3,5-Trimethylbenzene
Concen: 48.856 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion:105 Resp: 367441
Ion Ratio Lower Upper
105 100
120 47.2 24.0 72.0





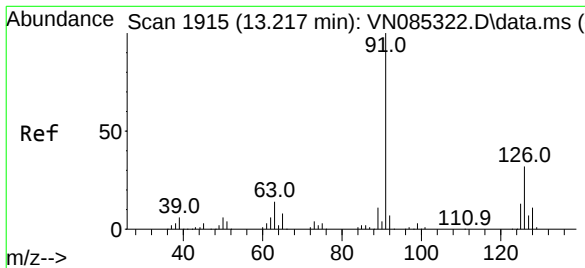
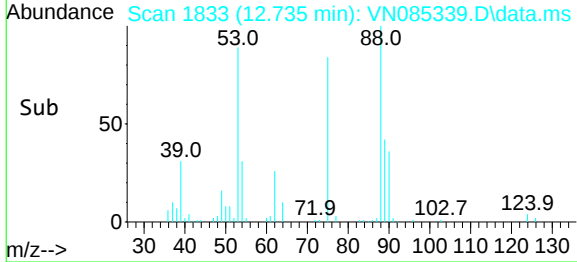
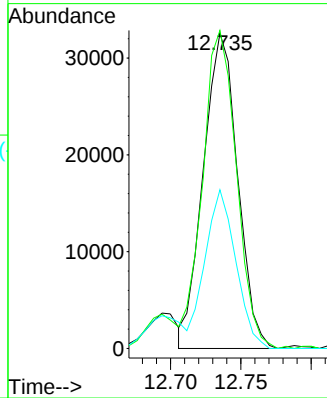
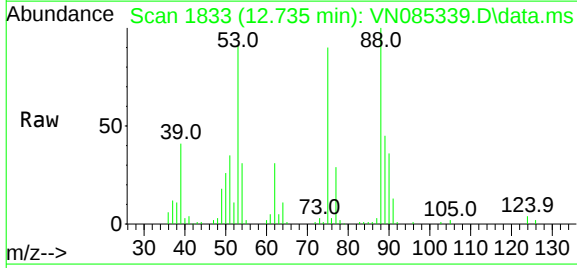
#81
trans-1,4-Dichloro-2-butene
Concen: 54.750 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.7	80.0	120.0
89	45.2	35.8	53.8

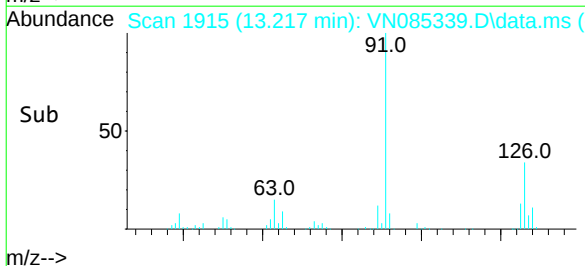
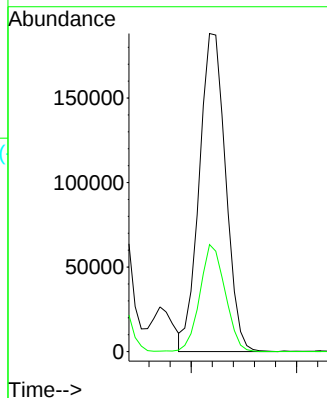
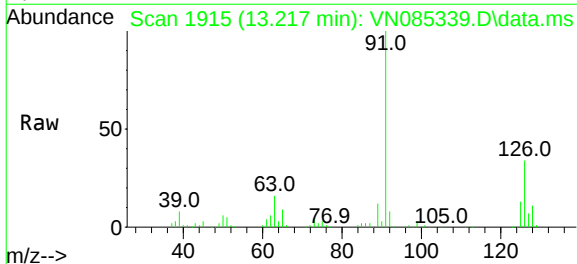
Manual Integrations
APPROVED

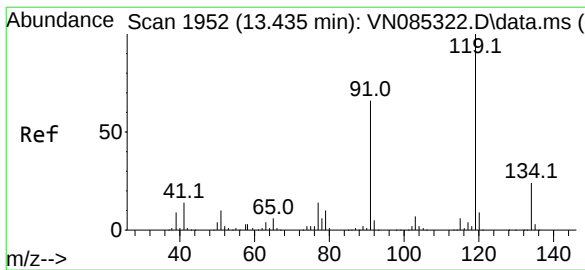
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#82
4-Chlorotoluene
Concen: 47.630 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.4	49.4





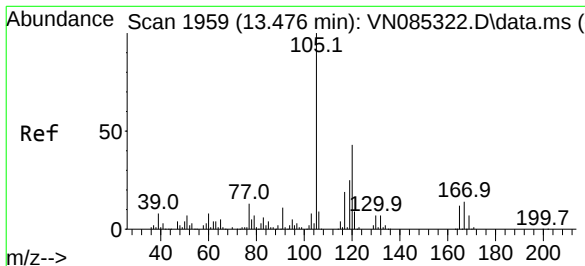
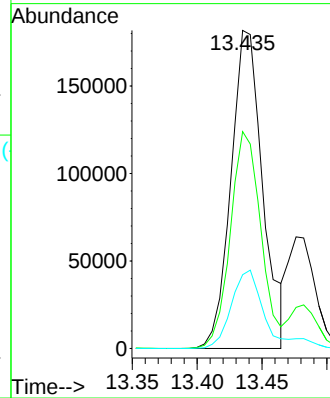
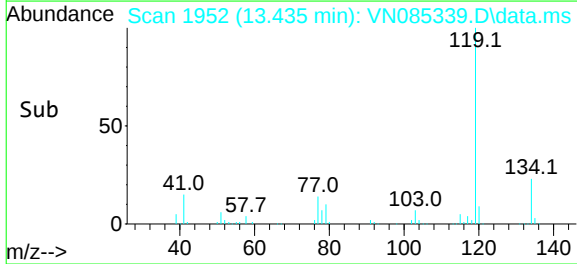
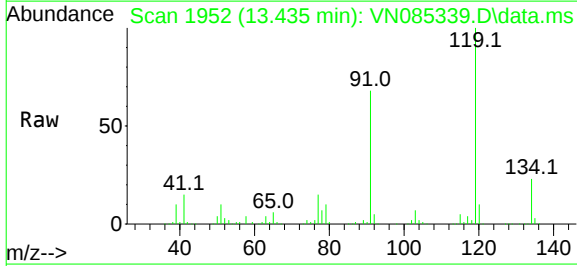
#83
tert-Butylbenzene
Concen: 47.474 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 309286
Ion Ratio Lower Upper
119 100
91 65.6 33.6 100.8
134 26.3 13.3 39.8

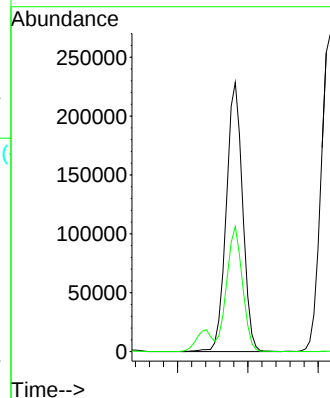
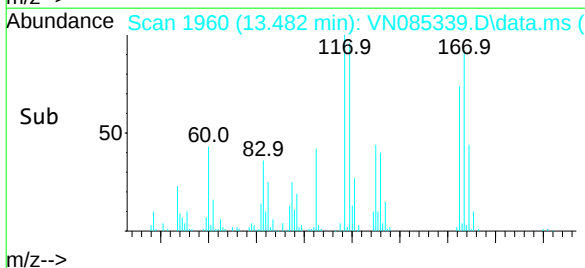
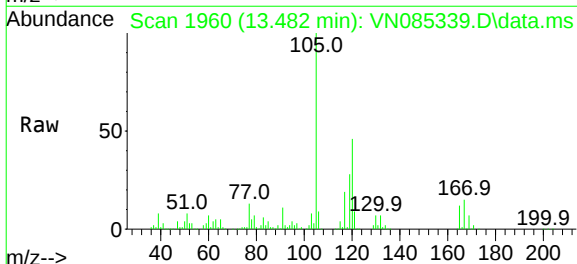
Manual Integrations
APPROVED

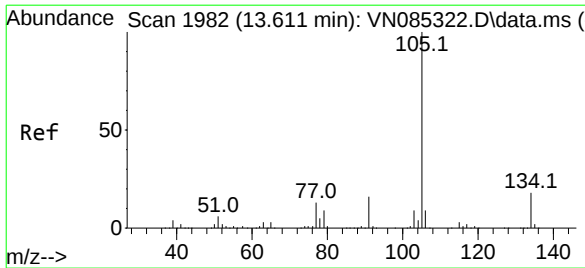
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#84
1,2,4-Trimethylbenzene
Concen: 49.182 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion:105 Resp: 368319
Ion Ratio Lower Upper
105 100
120 45.0 21.7 65.1





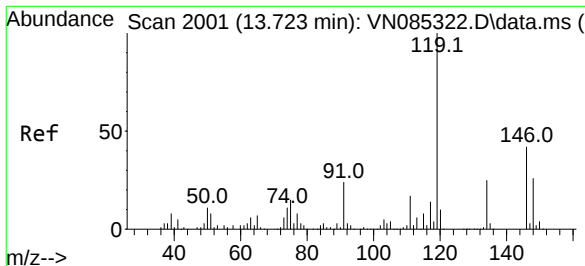
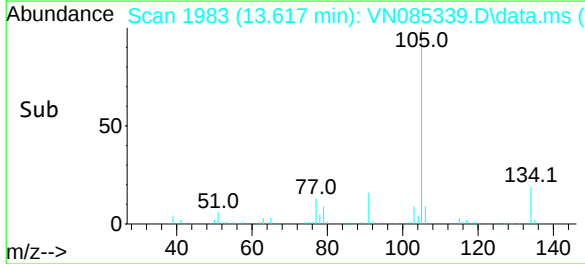
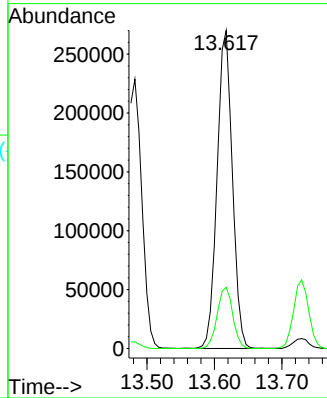
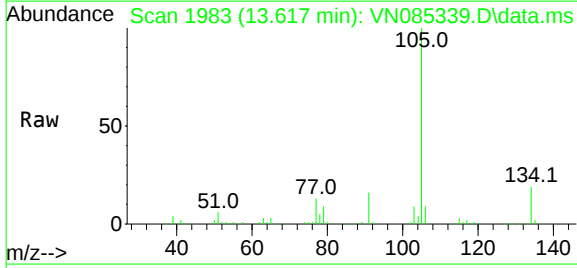
#85
sec-Butylbenzene
Concen: 46.967 ug/l
RT: 13.617 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 424736
Ion Ratio Lower Upper
105 100
134 19.6 9.4 28.3

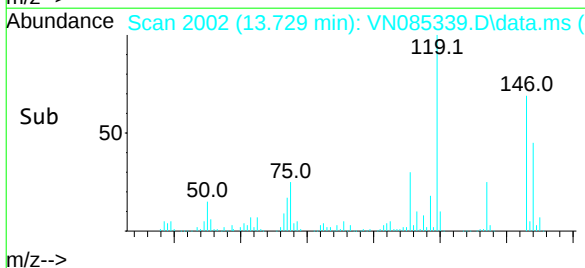
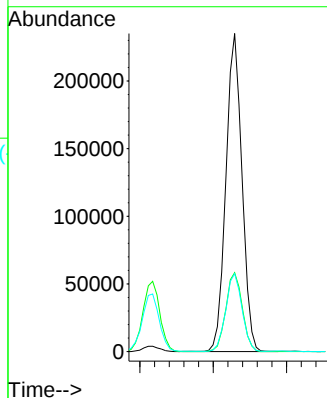
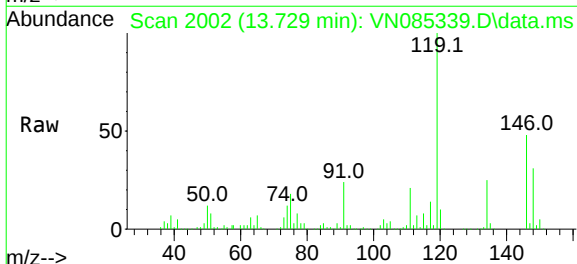
Manual Integrations
APPROVED

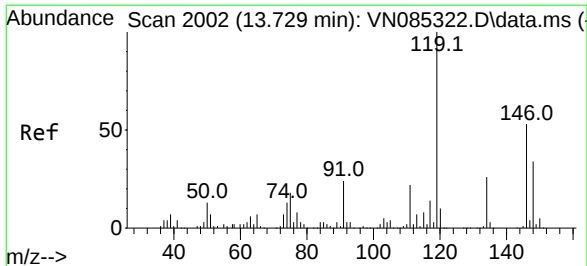
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#86
p-Isopropyltoluene
Concen: 44.497 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion:119 Resp: 357497
Ion Ratio Lower Upper
119 100
134 25.4 12.5 37.5
91 24.7 12.2 36.4





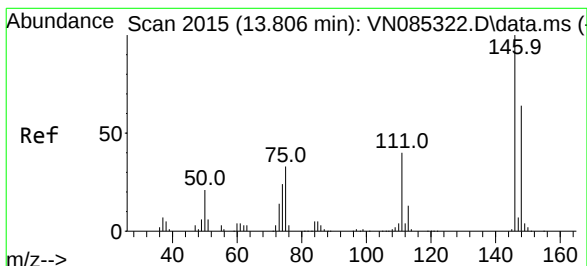
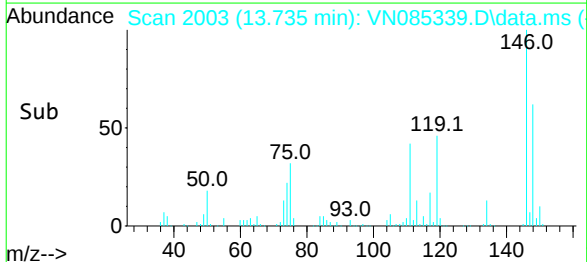
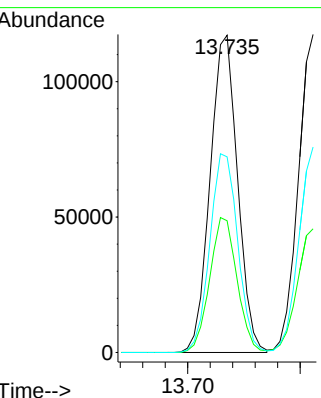
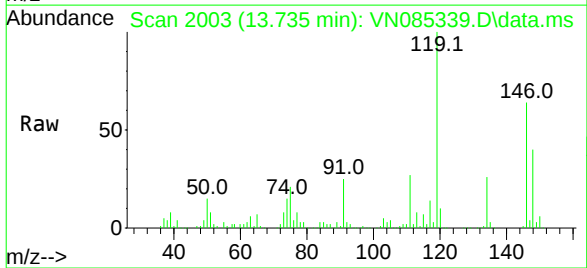
#87
1,3-Dichlorobenzene
Concen: 47.515 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	146	Resp:	198427
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.3	63.9
148	63.7	31.5	94.5

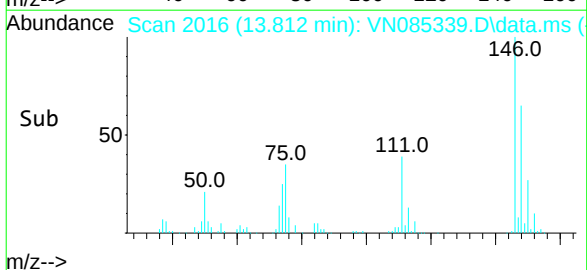
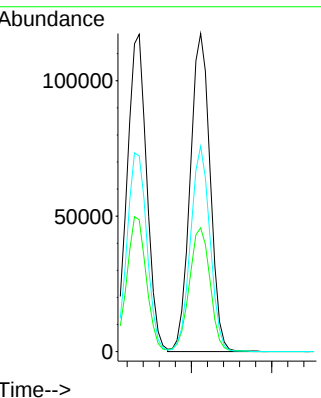
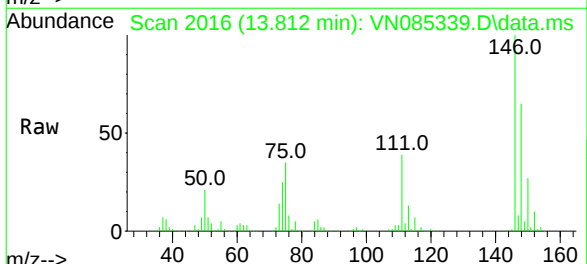
Manual Integrations
APPROVED

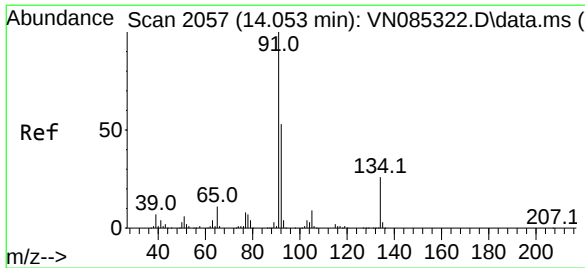
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#88
1,4-Dichlorobenzene
Concen: 47.186 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion:	146	Resp:	202416
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.8	62.5
148	63.2	31.7	95.1





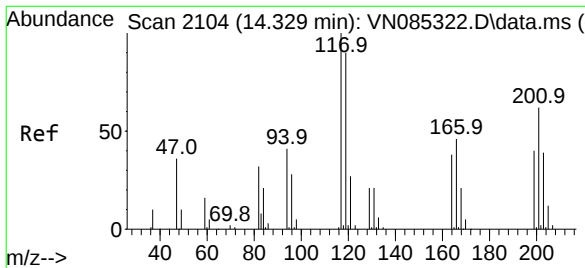
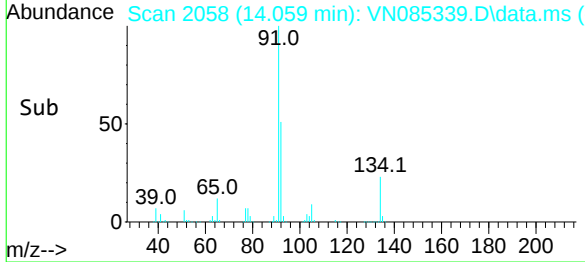
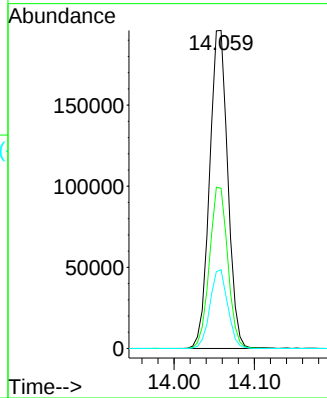
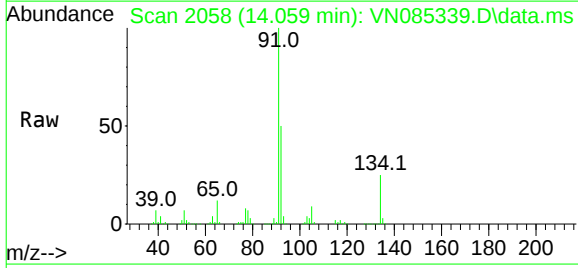
#89
n-Butylbenzene
Concen: 46.613 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 308673
Ion Ratio Lower Upper
91 100
92 50.9 26.0 78.0
134 24.1 12.1 36.3

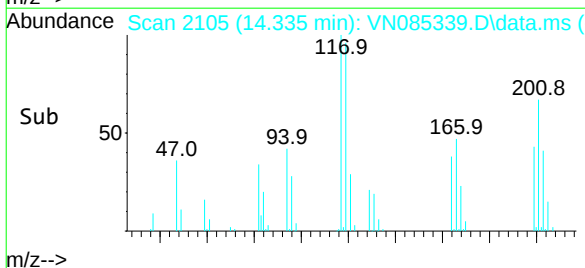
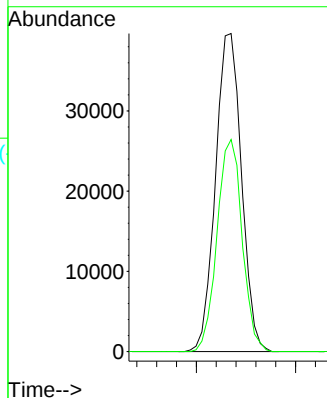
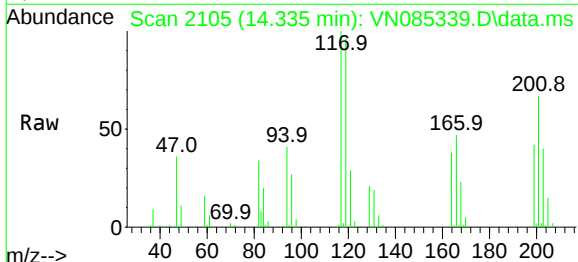
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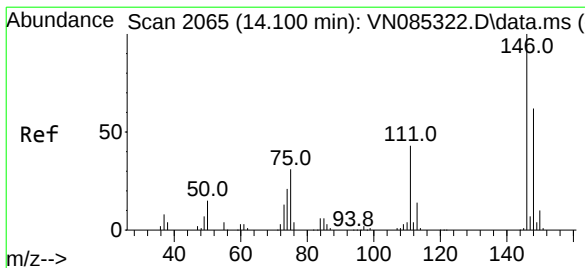
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#90
Hexachloroethane
Concen: 48.685 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

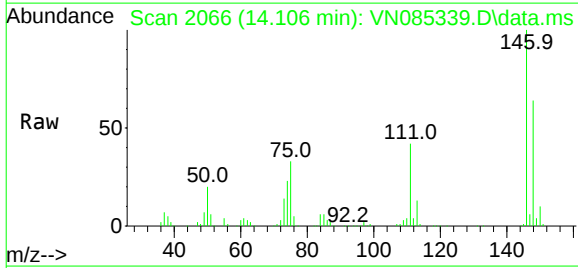
Tgt Ion:117 Resp: 72166
Ion Ratio Lower Upper
117 100
201 64.3 30.7 92.1





#91
1,2-Dichlorobenzene
Concen: 49.305 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

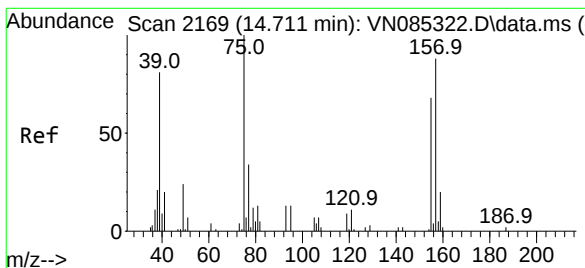
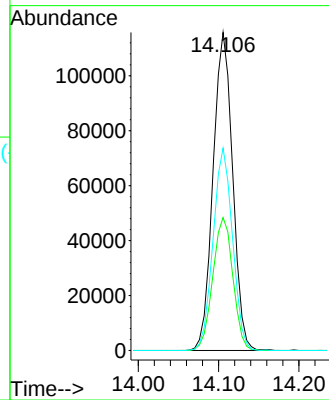
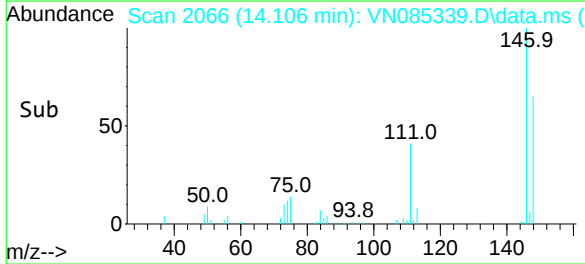
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 196144
Ion Ratio Lower Upper
146 100
111 42.8 21.8 65.3
148 63.3 31.4 94.2

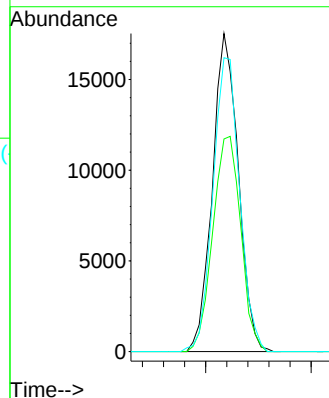
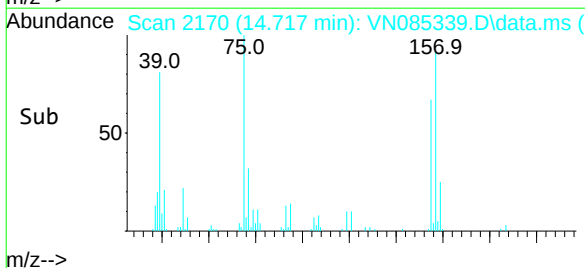
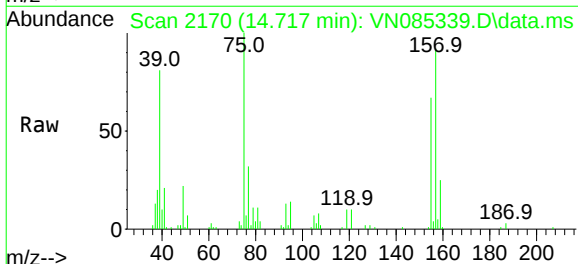
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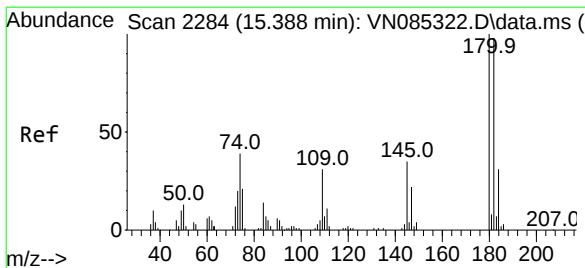
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.754 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085339.D
Acq: 30 Dec 2024 12:27

Tgt Ion: 75 Resp: 29912
Ion Ratio Lower Upper
75 100
155 73.0 35.6 106.9
157 95.2 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 49.044 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 97376

Ion Ratio Lower Upper

180 100

182 93.0 47.2 141.6

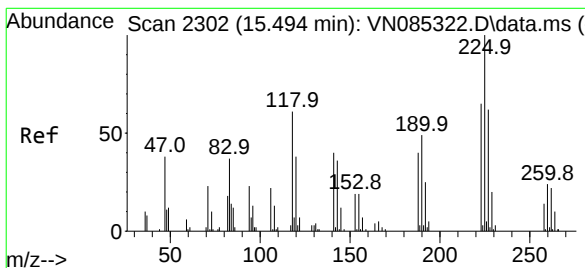
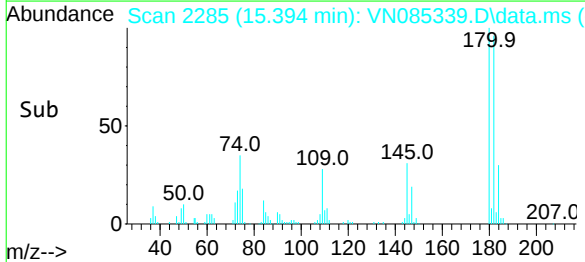
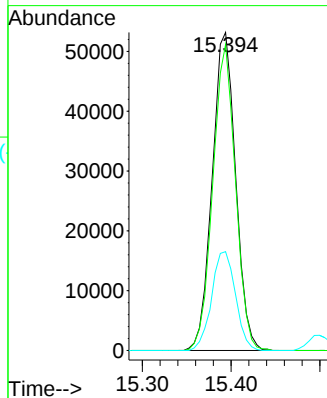
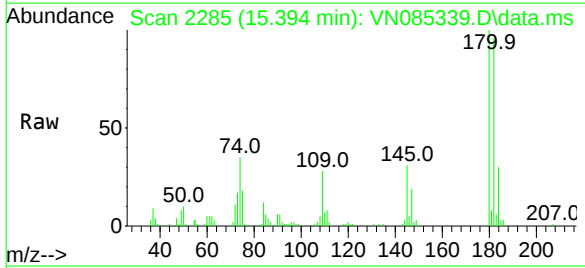
145 31.7 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#94

Hexachlorobutadiene

Concen: 41.688 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

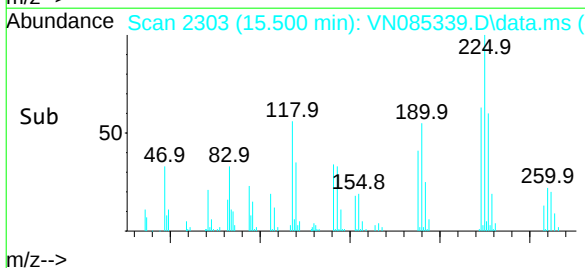
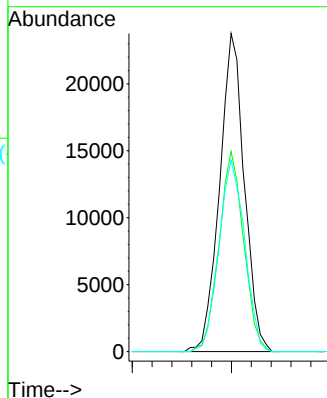
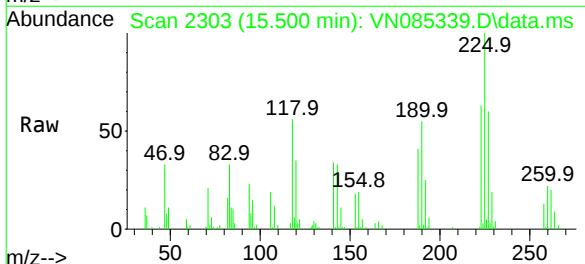
Tgt Ion:225 Resp: 41125

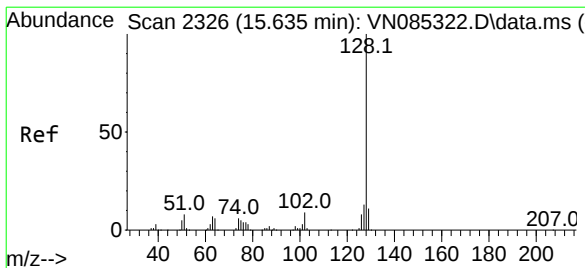
Ion Ratio Lower Upper

225 100

223 62.5 31.6 94.7

227 63.0 30.3 91.0





#95

Naphthalene

Concen: 49.854 ug/l

RT: 15.641 min Scan# 23

Delta R.T. 0.006 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

Instrument :

MSVOA_N

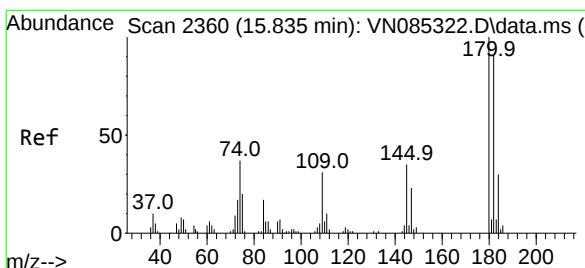
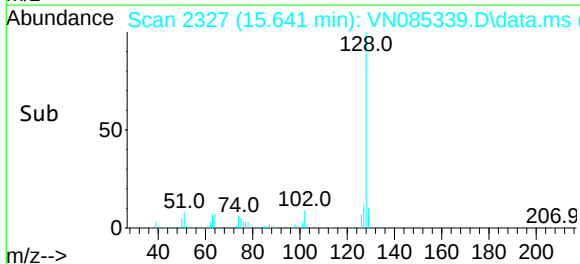
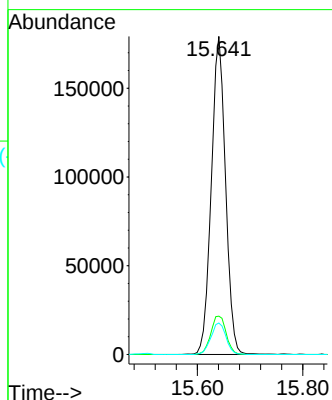
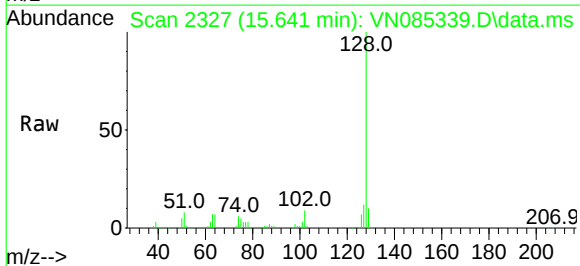
ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	335647
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.5	8.5	12.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#96

1,2,3-Trichlorobenzene

Concen: 49.285 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085339.D

Acq: 30 Dec 2024 12:27

Tgt Ion:	180	Resp:	97770
Ion	Ratio	Lower	Upper
180	100		
182	93.4	46.8	140.4
145	33.5	17.2	51.6

