

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085337.D
 Acq On : 27 Dec 2024 19:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/30/2024
 Supervised By : Mahesh Dadoda 12/30/2024

Quant Time: Dec 28 01:46:41 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119158	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	122557	50.594	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.180%
35) Dibromofluoromethane	8.165	113	97559	51.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.620%
50) Toluene-d8	10.565	98	355381	50.937	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.847	95	118775	51.260	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	113123	49.249	ug/l	97
3) Chloromethane	2.359	50	112831	43.706	ug/l	94
4) Vinyl Chloride	2.512	62	122843	44.993	ug/l	95
5) Bromomethane	2.947	94	72906	40.830	ug/l	94
6) Chloroethane	3.118	64	77851	44.963	ug/l	96
7) Trichlorofluoromethane	3.494	101	168414	46.925	ug/l	98
8) Diethyl Ether	3.959	74	62159	52.307	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	94675	46.360	ug/l	99
10) Methyl Iodide	4.583	142	116418	49.261	ug/l	98
11) Tert butyl alcohol	5.518	59	77990	257.112	ug/l	99
12) 1,1-Dichloroethene	4.336	96	90284	47.837	ug/l	94
13) Acrolein	4.177	56	117362	248.168	ug/l	98
14) Allyl chloride	5.018	41	140110	46.385	ug/l	97
15) Acrylonitrile	5.712	53	243992	255.570	ug/l	100
16) Acetone	4.418	43	202911	254.740	ug/l	97
17) Carbon Disulfide	4.712	76	244238	42.538	ug/l	100
18) Methyl Acetate	5.024	43	125680	51.536	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	308976	50.367	ug/l	98
20) Methylene Chloride	5.277	84	100258	46.795	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	91889	46.608	ug/l	96
22) Diisopropyl ether	6.671	45	325374	49.987	ug/l	99
23) Vinyl Acetate	6.600	43	1238586	263.034	ug/l	99
24) 1,1-Dichloroethane	6.571	63	186368	47.530	ug/l	99
25) 2-Butanone	7.477	43	324958	262.964	ug/l	96
26) 2,2-Dichloropropane	7.482	77	155415	45.241	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	110639	47.812	ug/l	96
28) Bromochloromethane	7.812	49	77034	42.276	ug/l #	98
29) Tetrahydrofuran	7.835	42	215784	271.082	ug/l	98
30) Chloroform	7.965	83	184082	45.890	ug/l	97
31) Cyclohexane	8.253	56	155315	43.379	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	161741	45.147	ug/l	99
36) 1,1-Dichloropropene	8.371	75	130916	47.028	ug/l	100
37) Ethyl Acetate	7.559	43	134415	48.579	ug/l	100
38) Carbon Tetrachloride	8.359	117	145219	47.859	ug/l	97
39) Methylcyclohexane	9.600	83	140749	48.731	ug/l	99
40) Benzene	8.606	78	401557	47.710	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	72165	50.926	ug/l	98
42) 1,2-Dichloroethane	8.671	62	141854	47.009	ug/l	100
43) Isopropyl Acetate	8.682	43	258318	56.698	ug/l	95
44) Trichloroethene	9.347	130	89851	45.091	ug/l	95
45) 1,2-Dichloropropane	9.618	63	100779	47.168	ug/l	95
46) Dibromomethane	9.706	93	70356	47.348	ug/l	99
47) Bromodichloromethane	9.888	83	147480	47.752	ug/l	98
48) Methyl methacrylate	9.676	41	107180	54.215	ug/l	100
49) 1,4-Dioxane	9.694	88	33381	1119.134	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	687835	268.651	ug/l	99
52) Toluene	10.629	92	243317	48.552	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	150931	49.694	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	160718	48.936	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	92267	48.764	ug/l	97
56) Ethyl methacrylate	10.870	69	155398	56.392	ug/l	99
57) 1,3-Dichloropropane	11.159	76	161673	48.684	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	360017	270.032	ug/l	99
59) 2-Hexanone	11.194	43	497580	280.111	ug/l	100
60) Dibromochloromethane	11.353	129	109072	51.180	ug/l	100
61) 1,2-Dibromoethane	11.465	107	92998	49.680	ug/l	99
64) Tetrachloroethene	11.100	164	71896	44.300	ug/l	97
65) Chlorobenzene	11.888	112	261676	47.277	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	92418	49.750	ug/l	98
67) Ethyl Benzene	11.959	91	461376	50.123	ug/l	100
68) m/p-Xylenes	12.070	106	351159	104.245	ug/l	100
69) o-Xylene	12.394	106	168921	51.838	ug/l	97
70) Styrene	12.412	104	285621	54.081	ug/l	100
71) Bromoform	12.576	173	68988	53.619	ug/l #	99
73) Isopropylbenzene	12.694	105	430895	50.287	ug/l	99
74) N-ethyl acetate	12.488	43	207891	56.680	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	135425	49.623	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	122072m	54.860	ug/l	
77) Bromobenzene	12.976	156	97145	45.760	ug/l	97
78) n-propylbenzene	13.035	91	506572	50.717	ug/l	100
79) 2-Chlorotoluene	13.123	91	309290	49.202	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	359513	51.871	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49551	53.330	ug/l	95
82) 4-Chlorotoluene	13.217	91	311175	49.151	ug/l	99
83) tert-Butylbenzene	13.435	119	299444	49.875	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	362722	52.558	ug/l	98
85) sec-Butylbenzene	13.611	105	423924	50.868	ug/l	98
86) p-Isopropyltoluene	13.729	119	355028	47.752	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	182452	47.408	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	182104	46.065	ug/l	99
89) n-Butylbenzene	14.053	91	301821	49.458	ug/l	99
90) Hexachloroethane	14.329	117	70685	51.745	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	178612	48.719	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25973	53.475	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	84575	46.223	ug/l	99
94) Hexachlorobutadiene	15.500	225	37128	40.840	ug/l	97
95) Naphthalene	15.635	128	291130	46.923	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	84747	46.357	ug/l	97

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

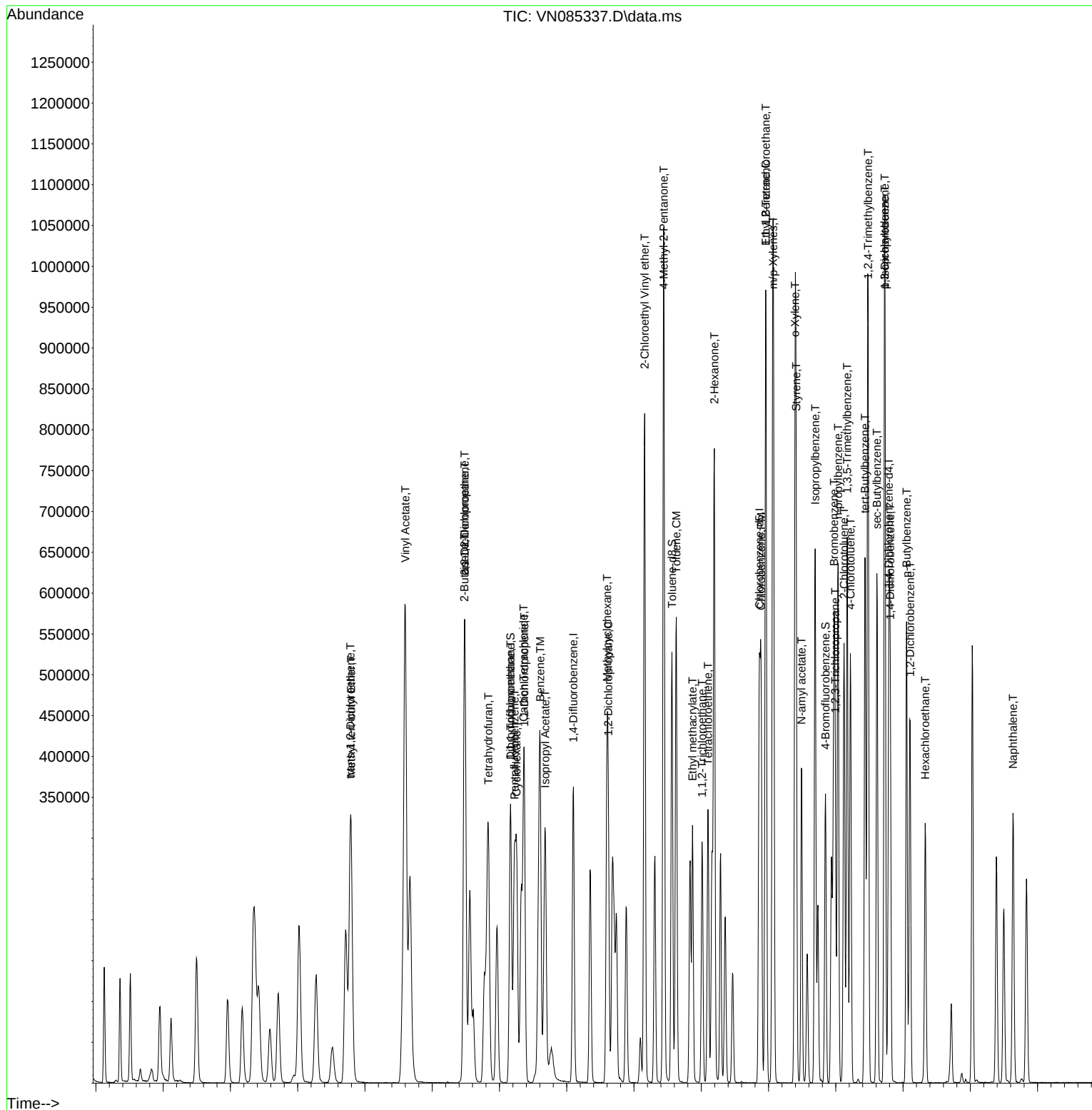
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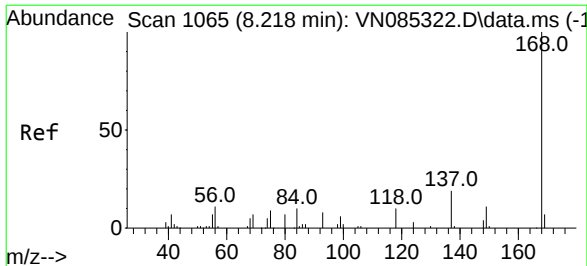
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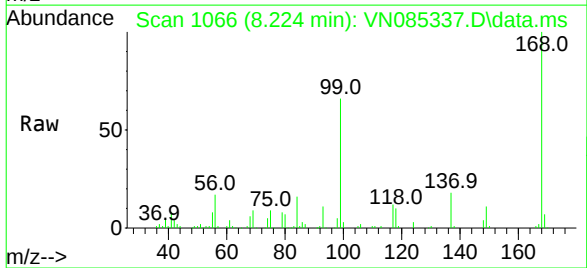
Reviewed By : John Carlone 12/30/2024
Supervised By : Mahesh Dadoda 12/30/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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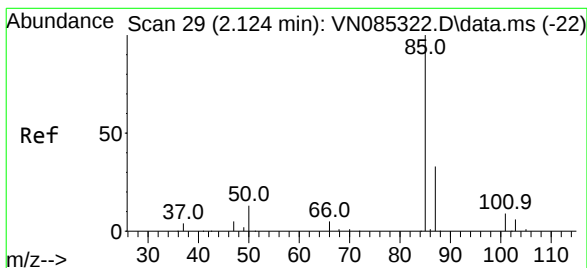
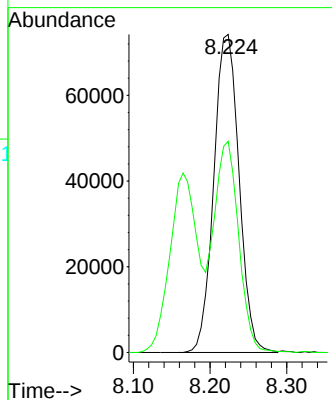
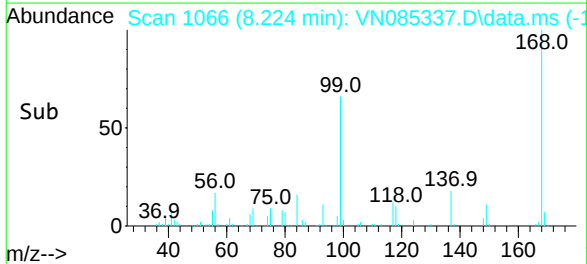
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Tgt Ion:168 Resp: 169838
Ion Ratio Lower Upper
168 100
99 66.1 51.0 76.4

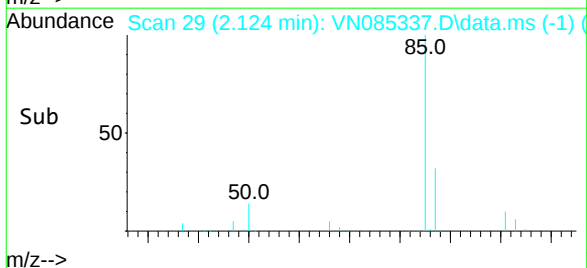
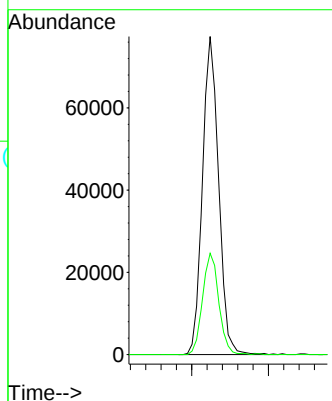
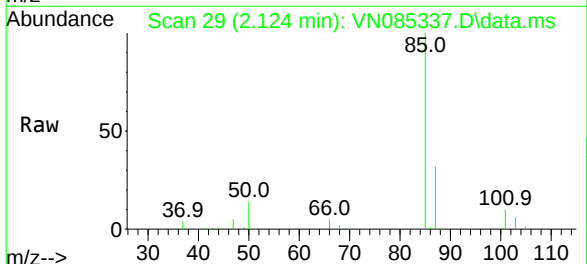
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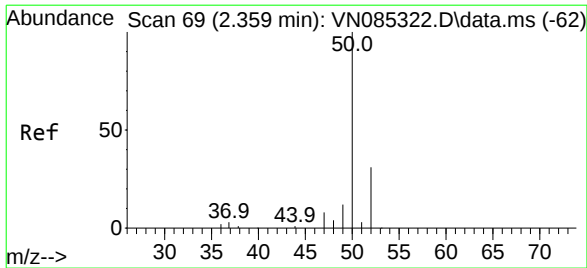
Reviewed By :John Carlone 12/30/2024
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#2
Dichlorodifluoromethane
Concen: 49.249 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085337.D
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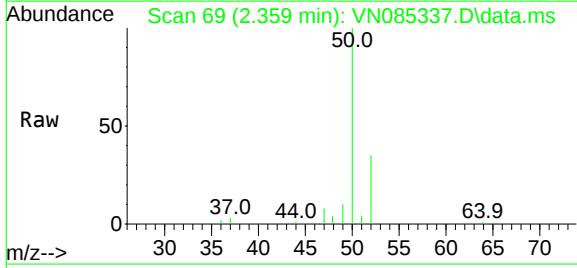
Tgt Ion: 85 Resp: 113123
Ion Ratio Lower Upper
85 100
87 31.8 16.8 50.3





#3
Chloromethane
Concen: 43.706 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

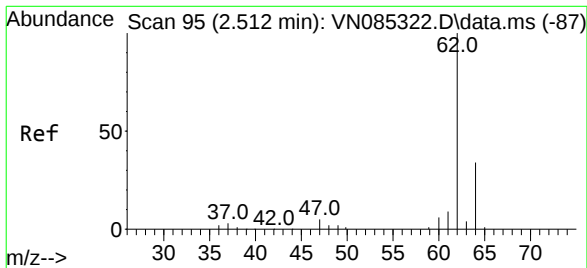
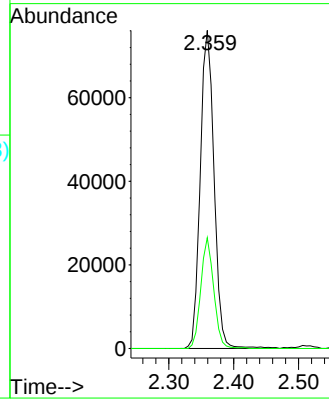
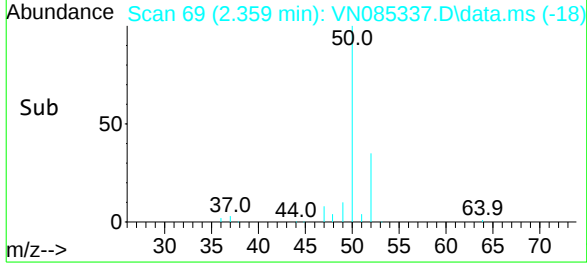
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Tgt Ion: 50 Resp: 112831
Ion Ratio Lower Upper
50 100
52 34.8 25.1 37.7

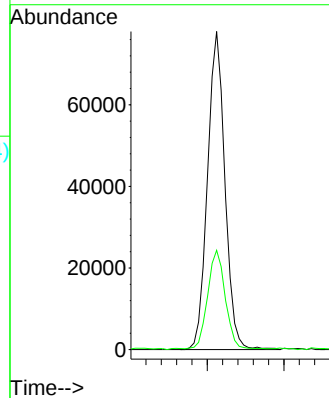
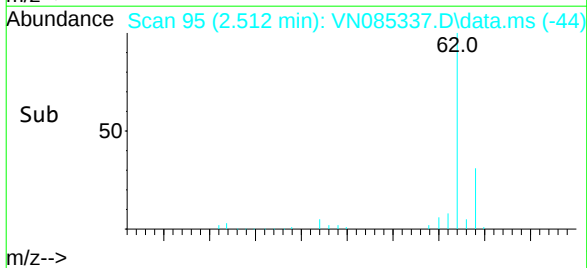
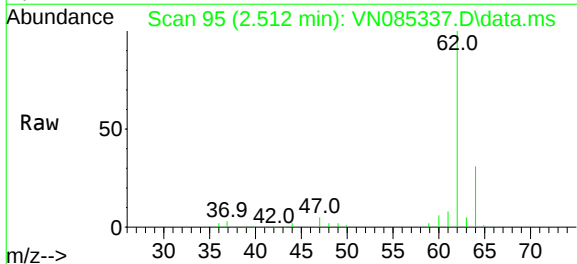
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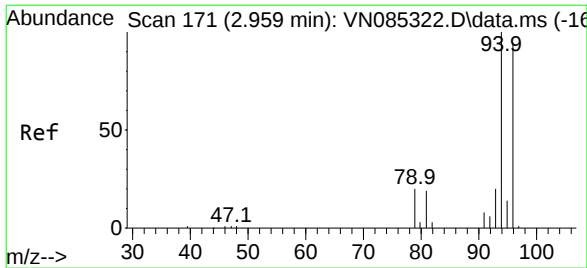
Reviewed By :John Carlone 12/30/2024
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#4
Vinyl Chloride
Concen: 44.993 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

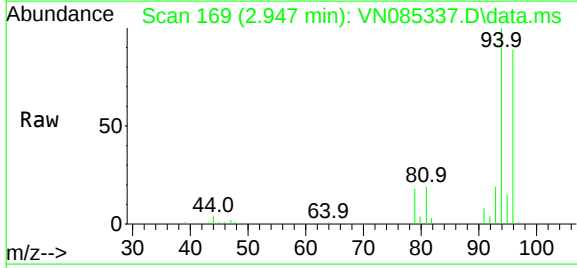
Tgt Ion: 62 Resp: 122843
Ion Ratio Lower Upper
62 100
64 30.9 27.0 40.6





#5
Bromomethane
Concen: 40.830 ug/l
RT: 2.947 min Scan# 16
Delta R.T. -0.012 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

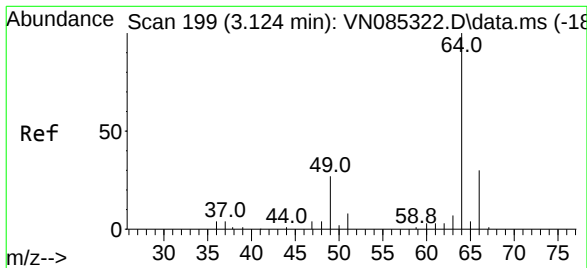
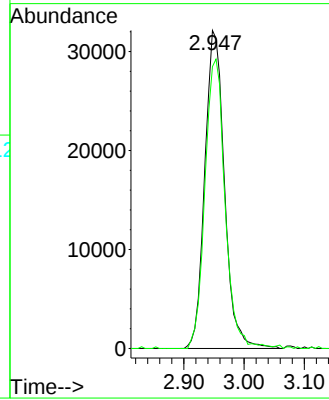
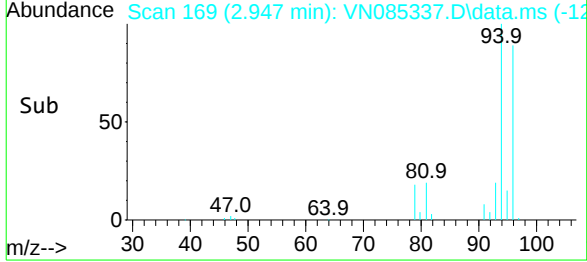
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Tgt Ion: 94 Resp: 72906
Ion Ratio Lower Upper
94 100
96 88.6 75.2 112.8

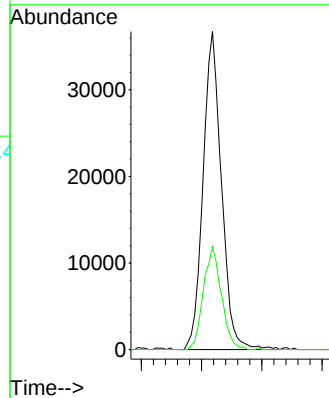
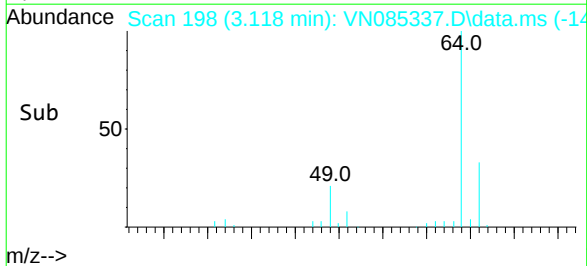
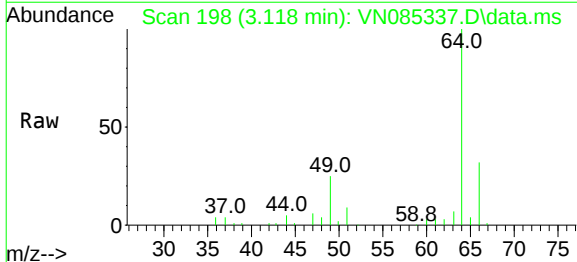
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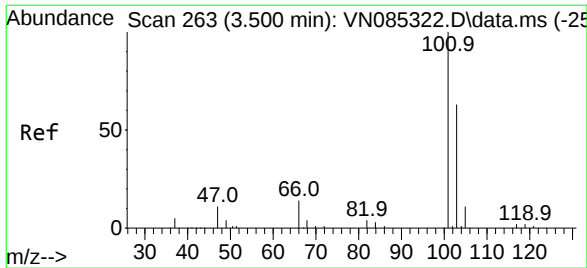
Reviewed By :John Carlone 12/30/2024
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#6
Chloroethane
Concen: 44.963 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
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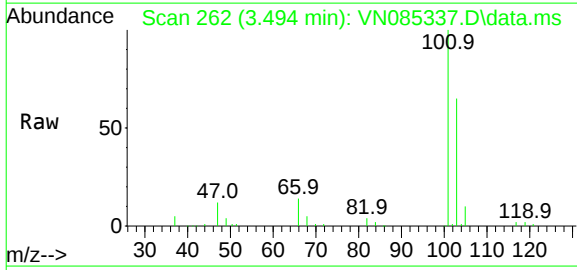
Tgt Ion: 64 Resp: 77851
Ion Ratio Lower Upper
64 100
66 32.3 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 46.925 ug/l
 RT: 3.494 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085337.D
 Acq: 27 Dec 2024 19:54

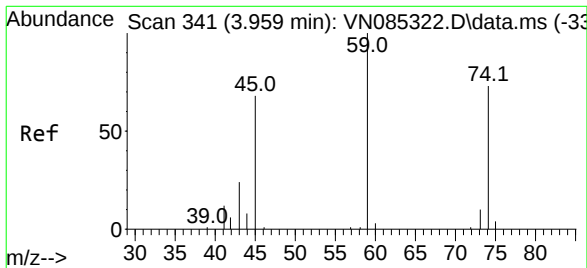
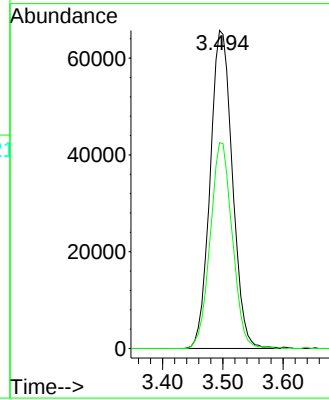
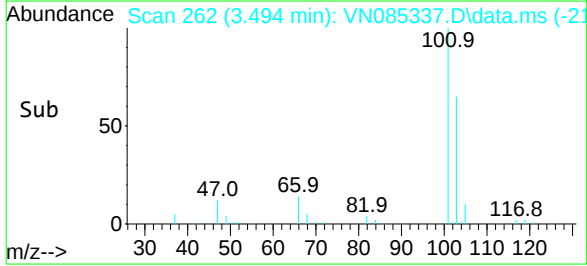
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Tgt Ion:101 Resp: 168414
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.3 75.5

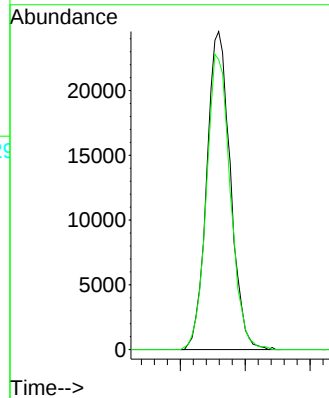
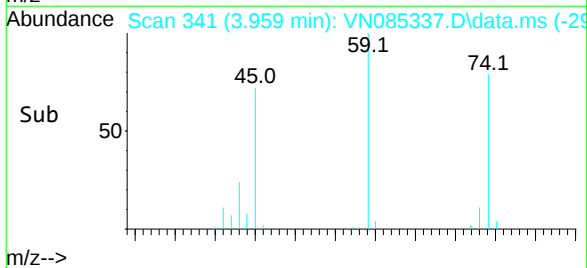
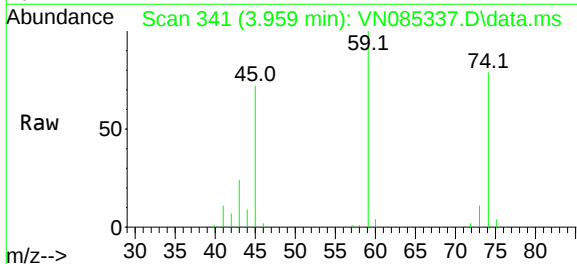
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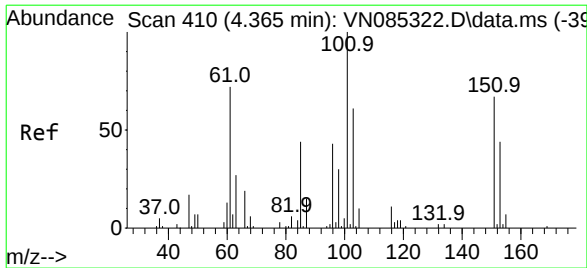
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#8
 Diethyl Ether
 Concen: 52.307 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085337.D
 Acq: 27 Dec 2024 19:54

Tgt Ion: 74 Resp: 62159
 Ion Ratio Lower Upper
 74 100
 45 93.8 47.5 142.6





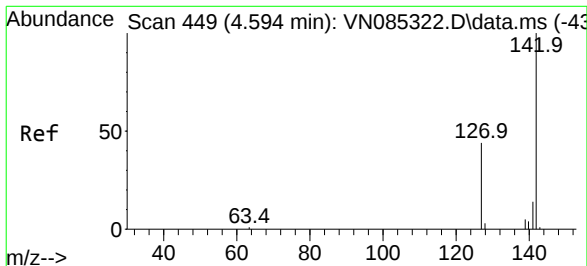
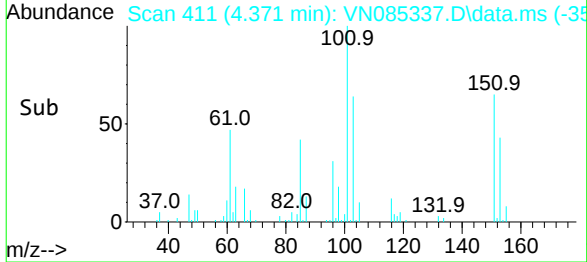
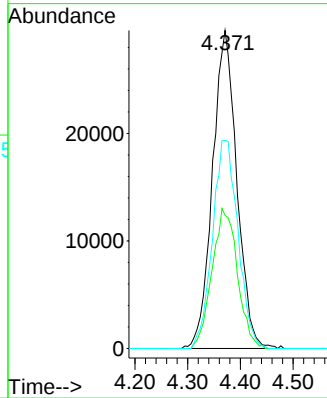
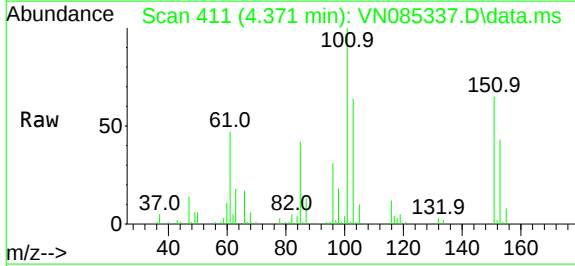
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.360 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 94675
Ion Ratio Lower Upper
101 100
85 45.9 36.2 54.4
151 68.8 55.8 83.6

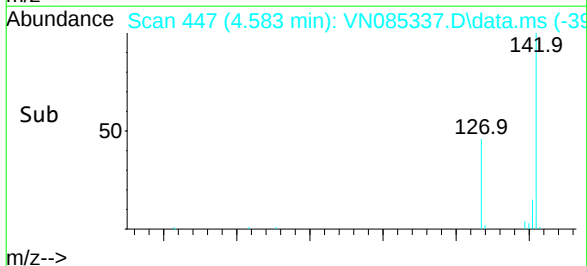
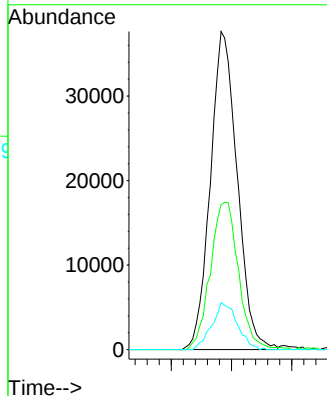
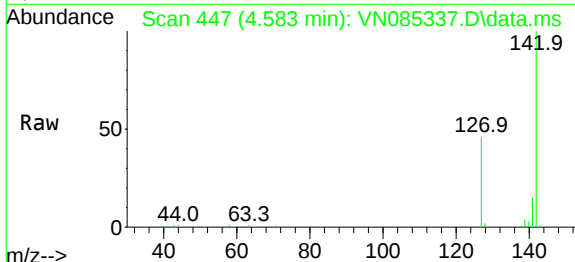
Manual Integrations
APPROVED

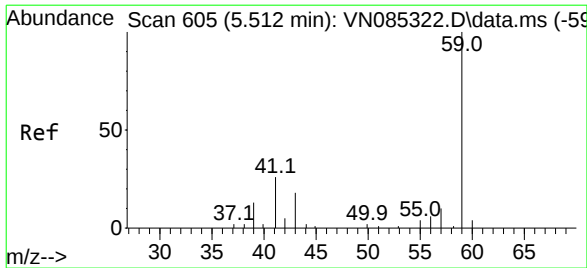
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#10
Methyl Iodide
Concen: 49.261 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion:142 Resp: 116418
Ion Ratio Lower Upper
142 100
127 45.6 35.3 52.9
141 14.8 11.5 17.3





#11

Tert butyl alcohol

Concen: 257.112 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 77996

Ion Ratio Lower Upper

59 100

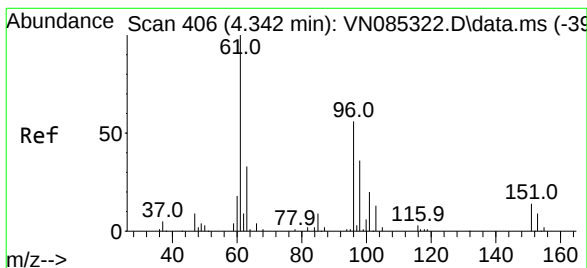
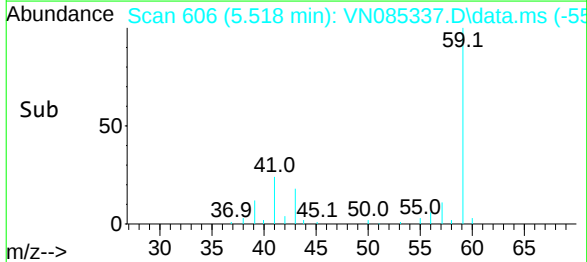
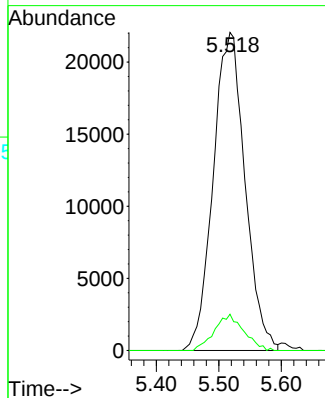
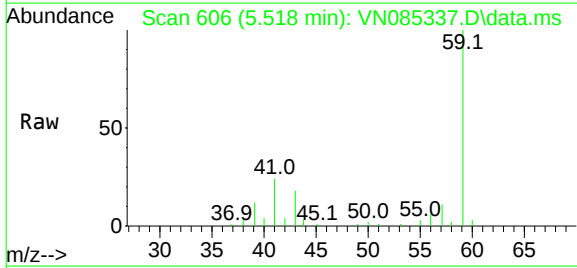
57 10.5 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#12

1,1-Dichloroethene

Concen: 47.837 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

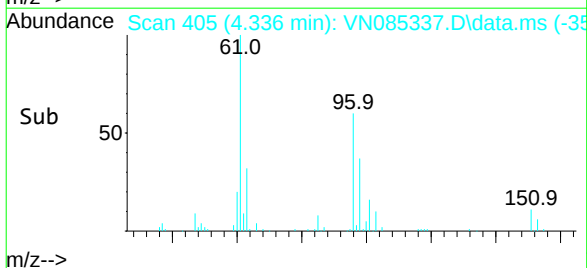
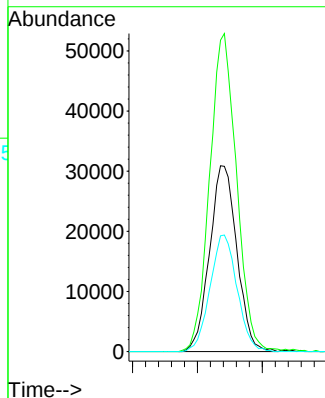
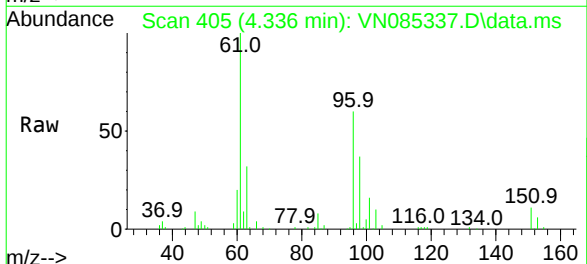
Tgt Ion: 96 Resp: 90284

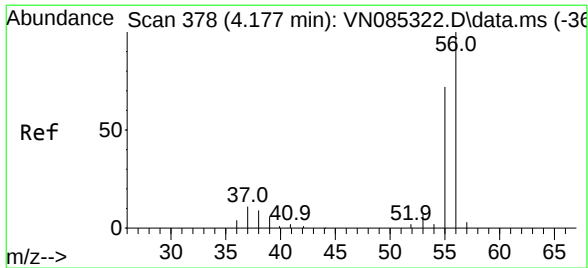
Ion Ratio Lower Upper

96 100

61 167.6 142.4 213.6

98 62.3 51.5 77.3





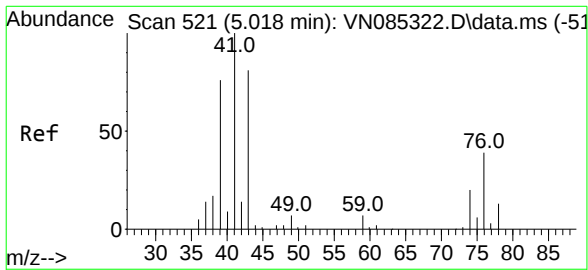
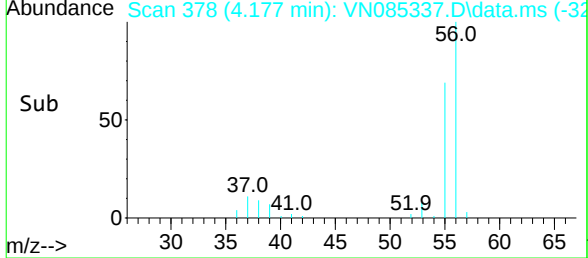
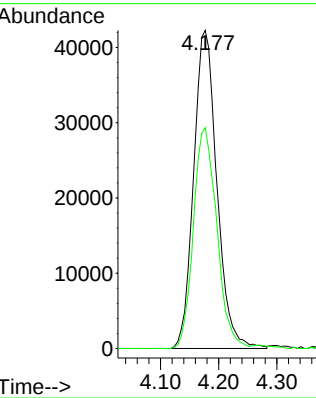
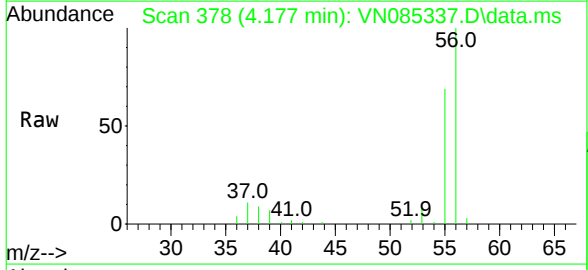
#13
 Acrolein
 Concen: 248.168 ug/l
 RT: 4.177 min Scan# 378
 Delta R.T. -0.000 min
 Lab File: VN085337.D
 Acq: 27 Dec 2024 19:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	69.8	57.5	86.3

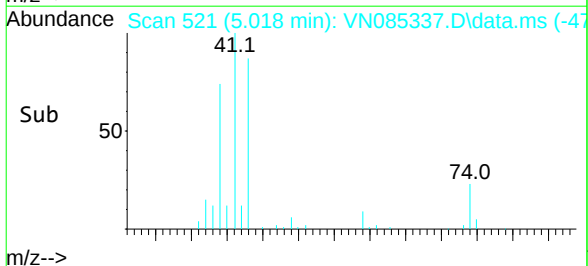
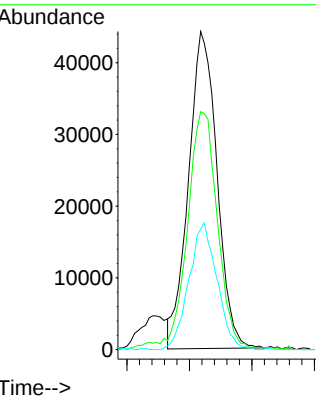
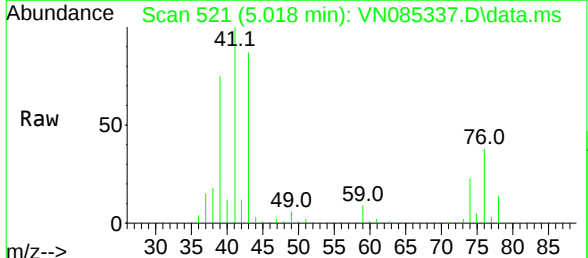
Manual Integrations
 APPROVED

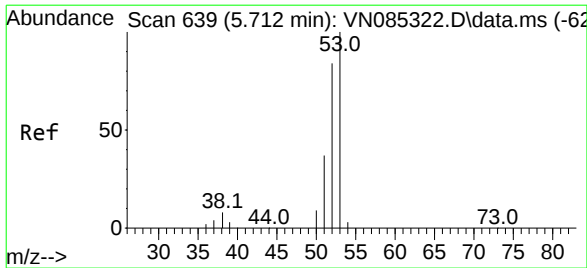
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#14
 Allyl chloride
 Concen: 46.385 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. -0.000 min
 Lab File: VN085337.D
 Acq: 27 Dec 2024 19:54

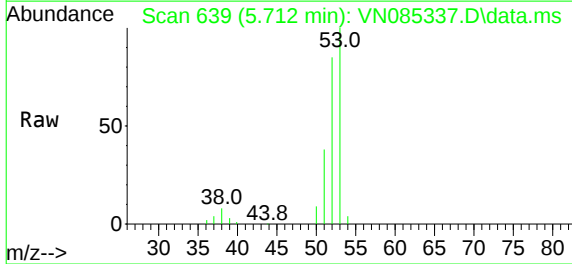
Tgt Ion	Ratio	Lower	Upper
41	100		
39	77.2	64.4	96.6
76	39.5	31.5	47.3





#15
Acrylonitrile
Concen: 255.570 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

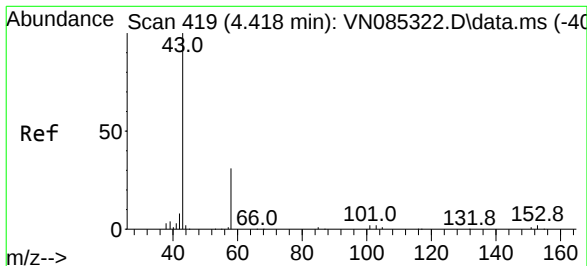
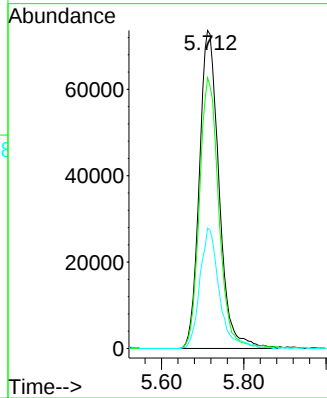
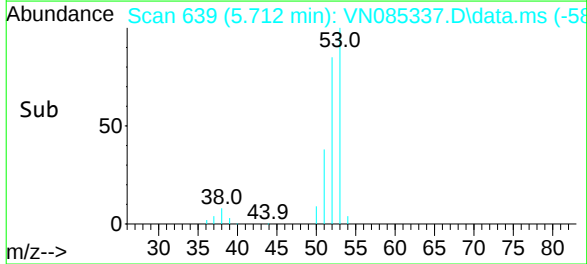
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



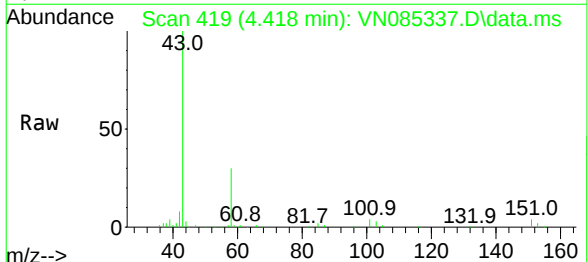
Tgt Ion: 53 Resp: 243992
Ion Ratio Lower Upper
53 100
52 83.3 66.6 100.0
51 37.4 29.6 44.4

Manual Integrations
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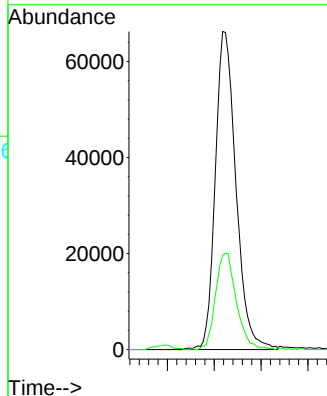
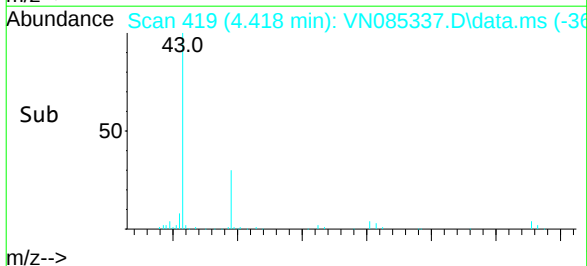
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

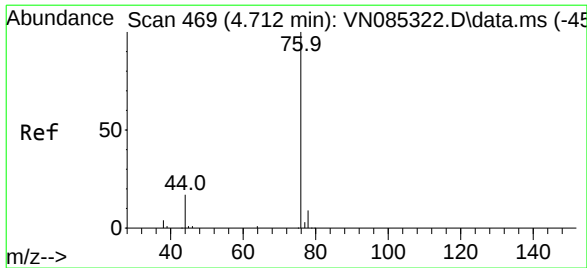


#16
Acetone
Concen: 254.740 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54



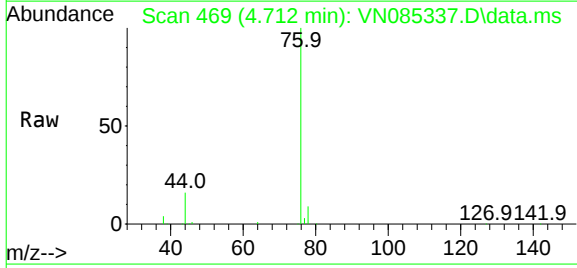
Tgt Ion: 43 Resp: 202911
Ion Ratio Lower Upper
43 100
58 29.2 24.5 36.7





#17
Carbon Disulfide
Concen: 42.538 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

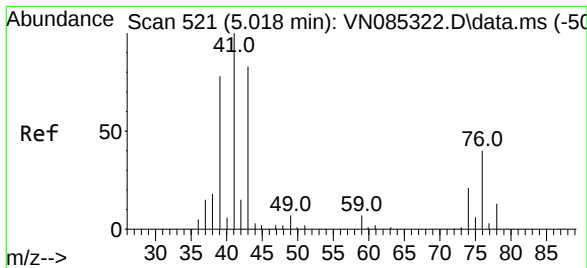
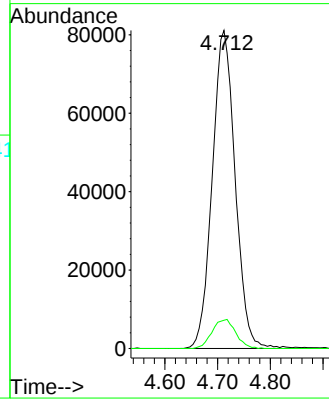
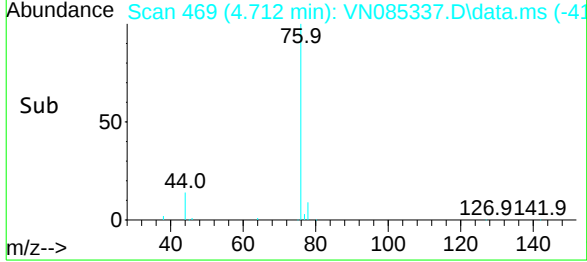
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 244238
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

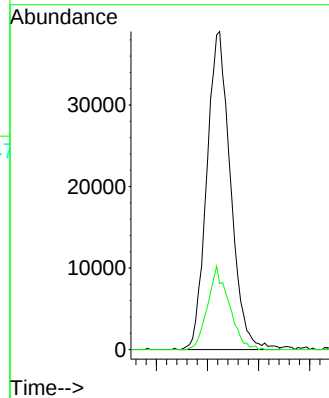
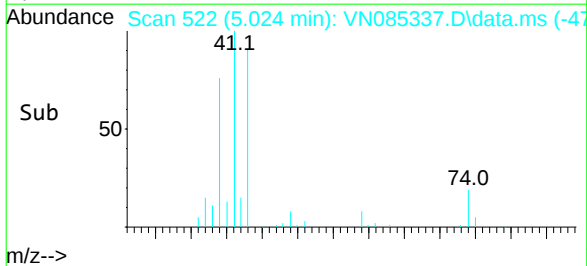
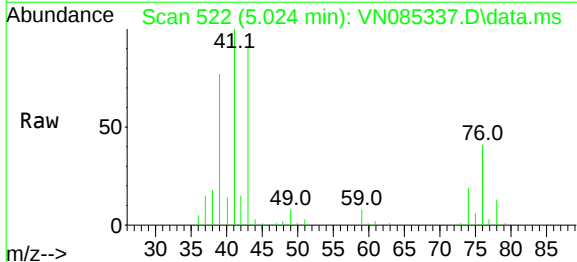
Manual Integrations
APPROVED

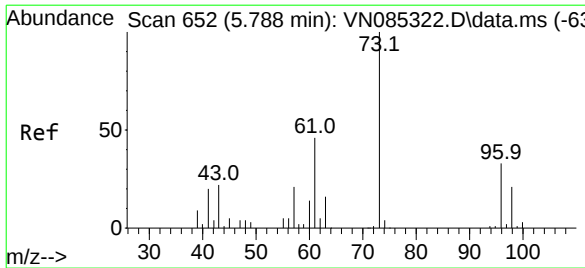
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#18
Methyl Acetate
Concen: 51.536 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion: 43 Resp: 125680
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 50.367 ug/l

RT: 5.794 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 308976

Ion Ratio Lower Upper

73 100

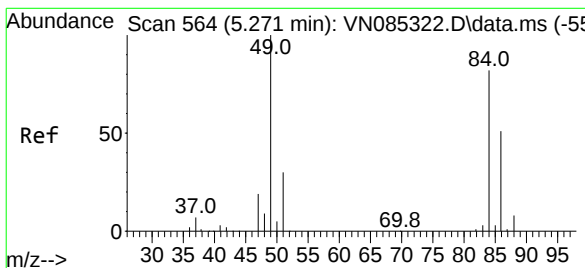
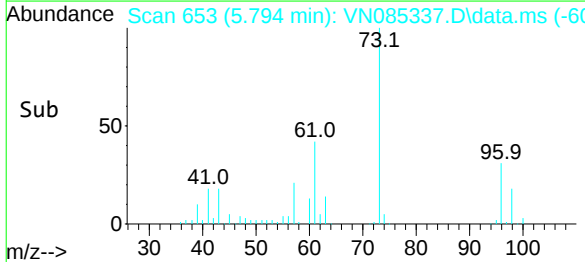
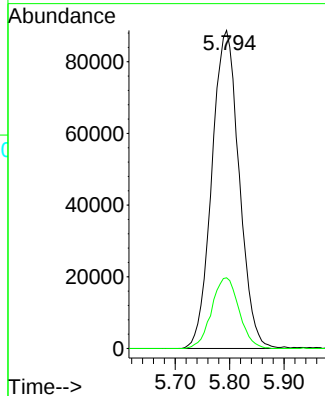
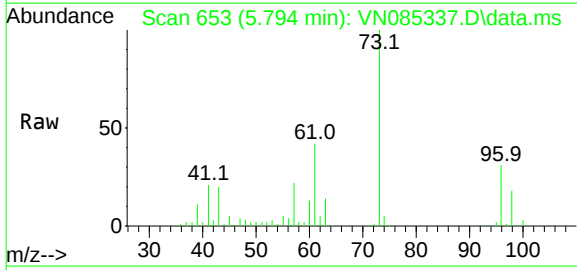
57 22.2 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#20

Methylene Chloride

Concen: 46.795 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

Tgt Ion: 84 Resp: 100258

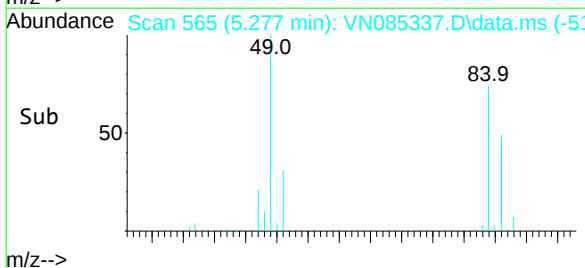
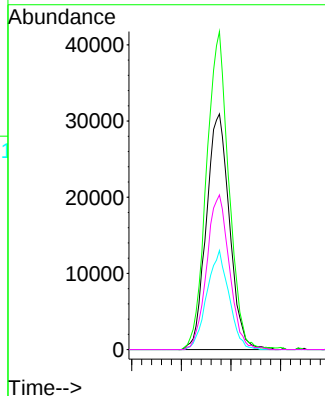
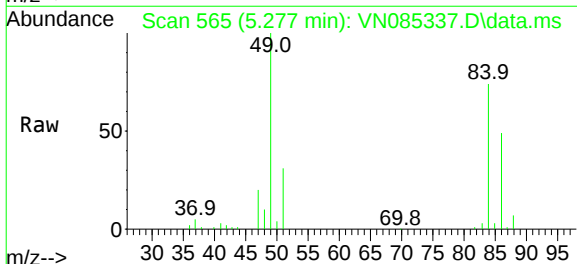
Ion Ratio Lower Upper

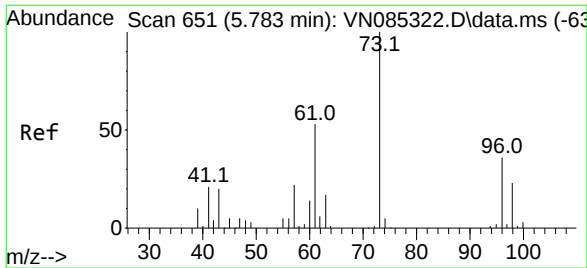
84 100

49 135.0 97.6 146.4

51 42.1 29.1 43.7

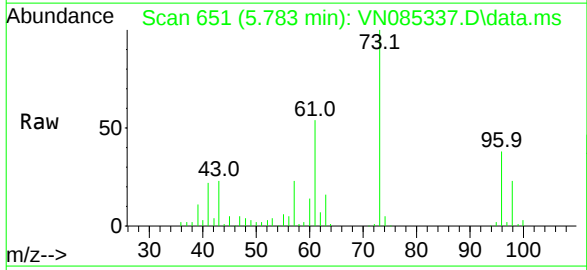
86 65.6 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 46.608 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

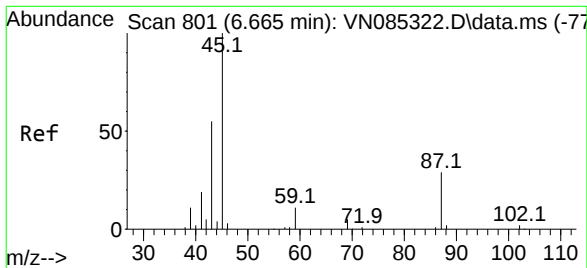
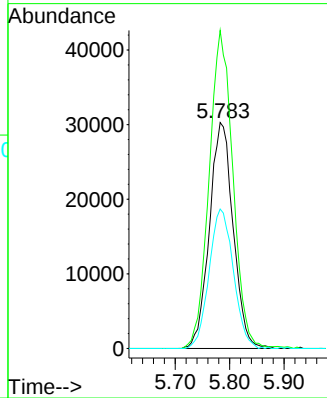
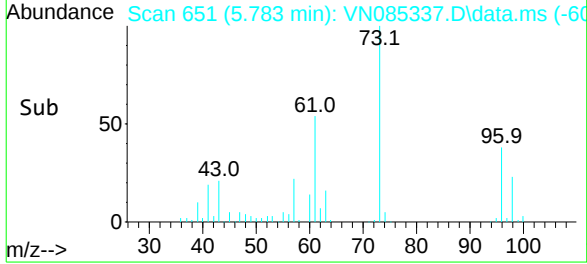
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



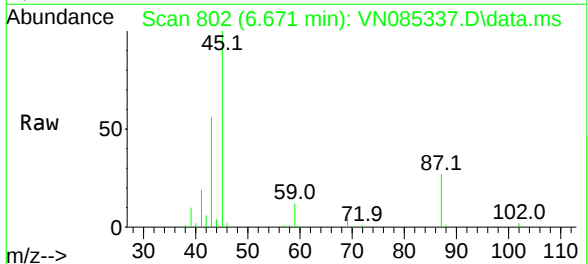
Tgt Ion: 96 Resp: 91889
Ion Ratio Lower Upper
96 100
61 140.8 118.0 177.0
98 61.7 50.6 75.8

Manual Integrations
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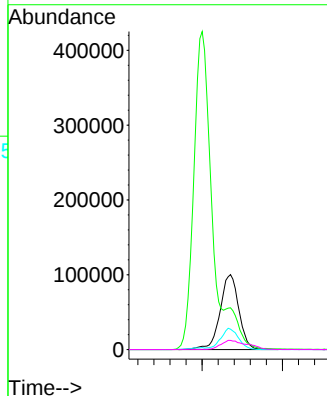
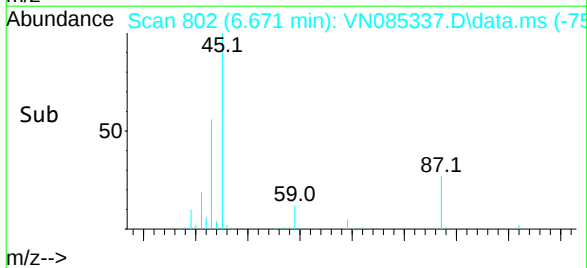
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

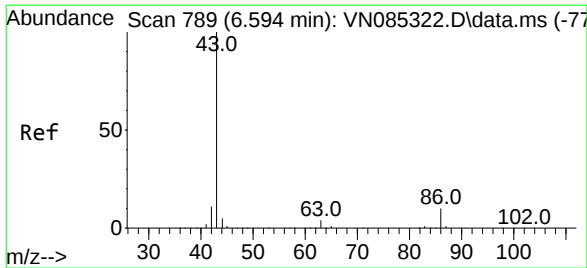


#22
Diisopropyl ether
Concen: 49.987 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54



Tgt Ion: 45 Resp: 325374
Ion Ratio Lower Upper
45 100
43 54.9 44.1 66.1
87 27.2 23.2 34.8
59 12.2 9.0 13.6





#23

Vinyl Acetate

Concen: 263.034 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1238586

Ion Ratio Lower Upper

43 100

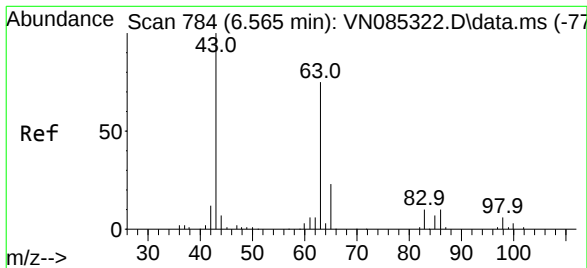
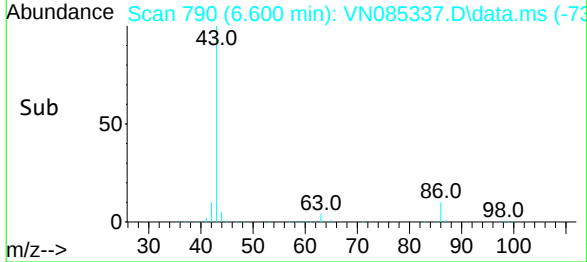
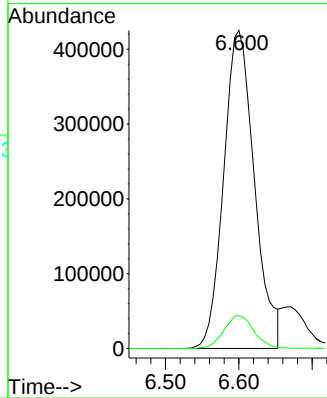
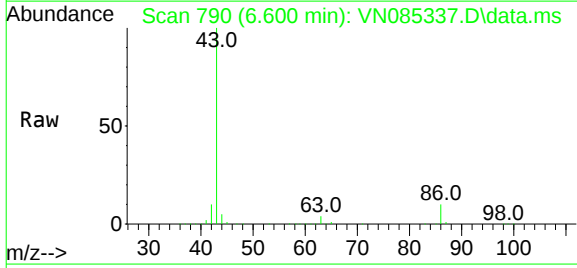
86 10.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#24

1,1-Dichloroethane

Concen: 47.530 ug/l

RT: 6.571 min Scan# 785

Delta R.T. 0.006 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

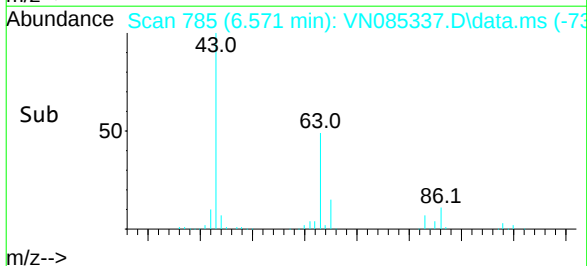
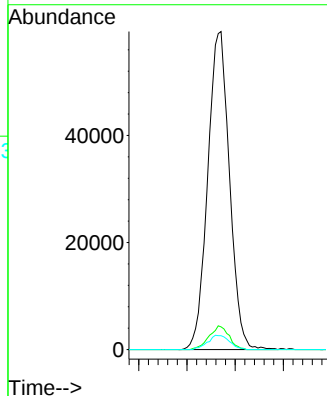
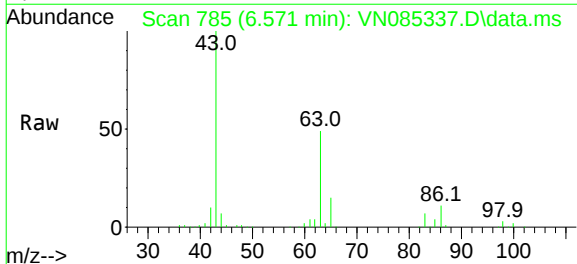
Tgt Ion: 63 Resp: 186368

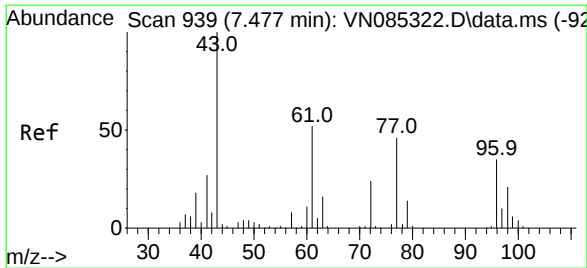
Ion Ratio Lower Upper

63 100

98 7.1 3.7 11.1

100 4.4 2.3 6.8





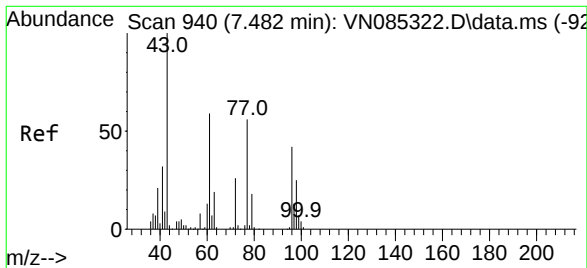
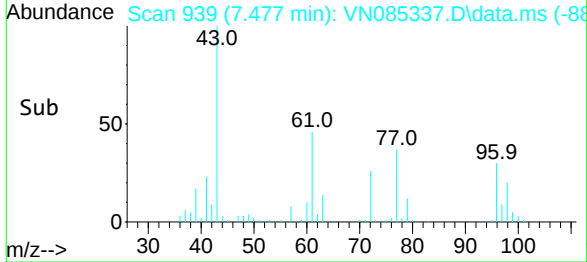
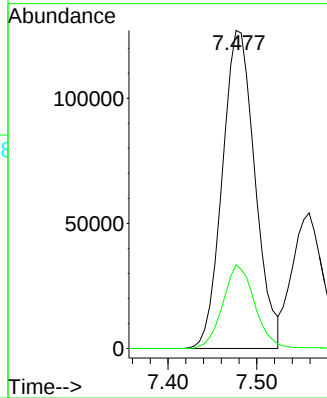
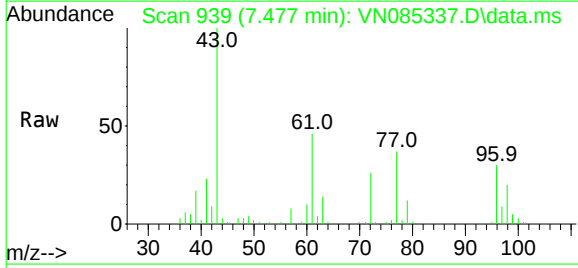
#25
2-Butanone
Concen: 262.964 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 324958
Ion Ratio Lower Upper
43 100
72 26.3 19.6 29.4

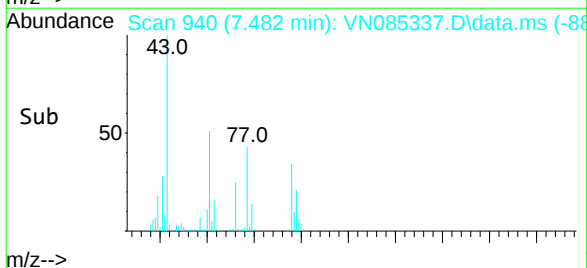
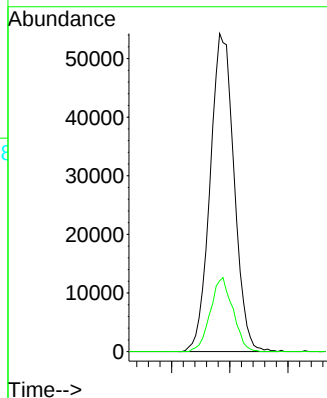
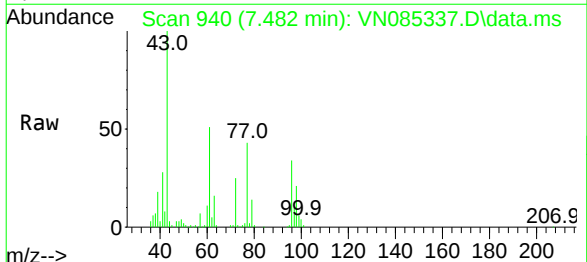
Manual Integrations
APPROVED

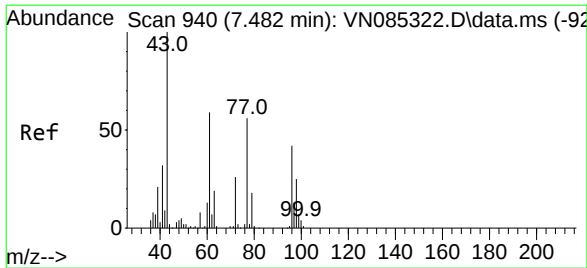
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#26
2,2-Dichloropropane
Concen: 45.241 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

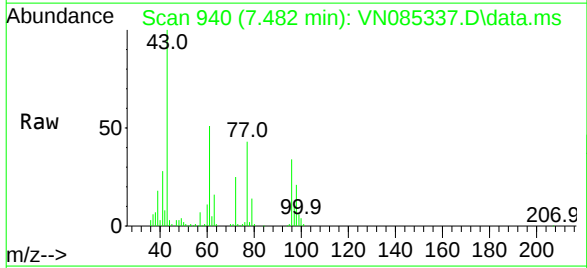
Tgt Ion: 77 Resp: 155415
Ion Ratio Lower Upper
77 100
97 21.9 10.6 31.8





#27
cis-1,2-Dichloroethene
Concen: 47.812 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

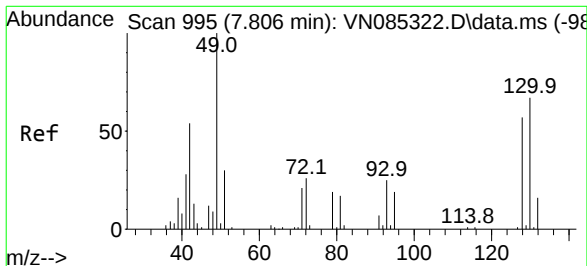
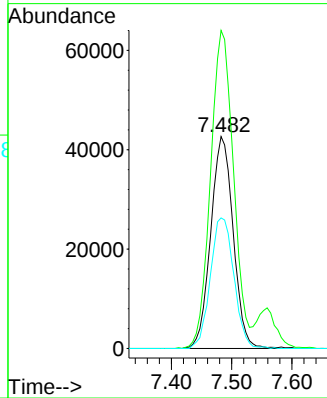
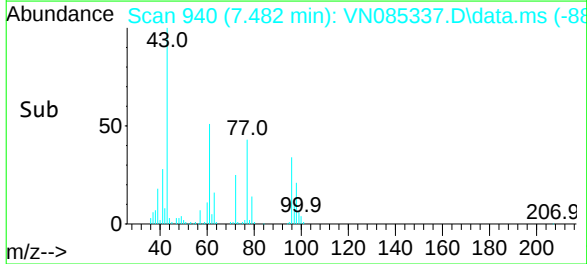
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 110639
Ion Ratio Lower Upper
96 100
61 153.0 0.0 296.4
98 64.5 0.0 124.2

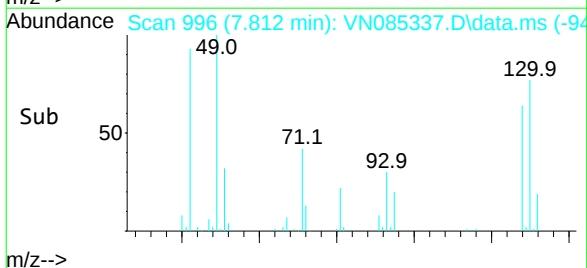
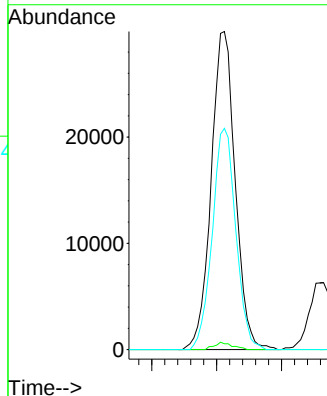
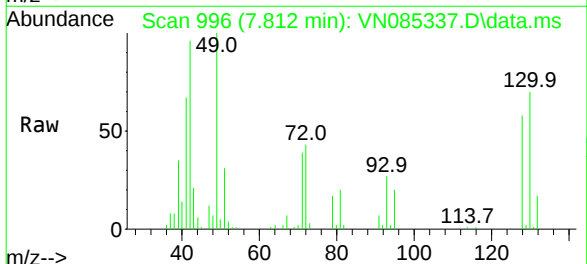
Manual Integrations
APPROVED

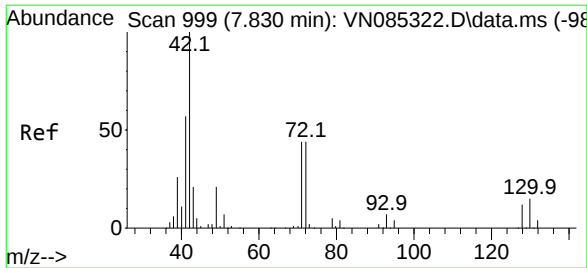
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#28
Bromochloromethane
Concen: 42.276 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion: 49 Resp: 77034
Ion Ratio Lower Upper
49 100
129 1.7 0.0 2.0
130 68.0 0.0 0.0#





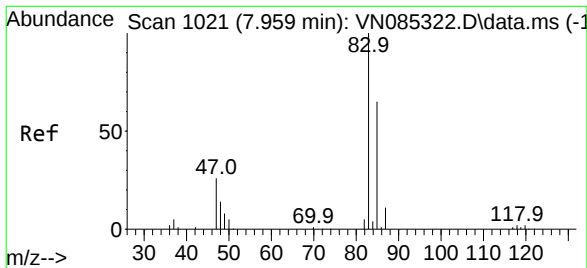
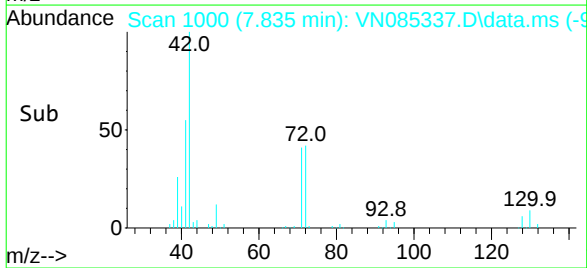
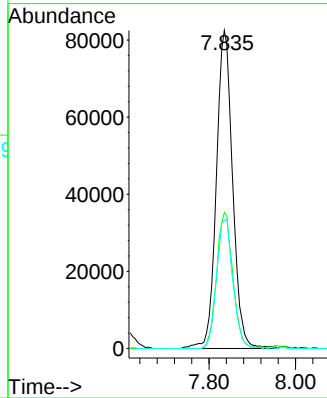
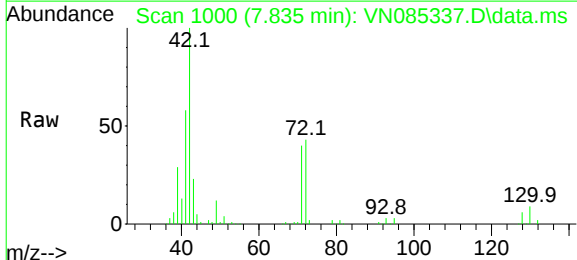
#29
Tetrahydrofuran
Concen: 271.082 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 215784
Ion Ratio Lower Upper
42 100
72 42.5 35.1 52.7
71 40.7 33.4 50.0

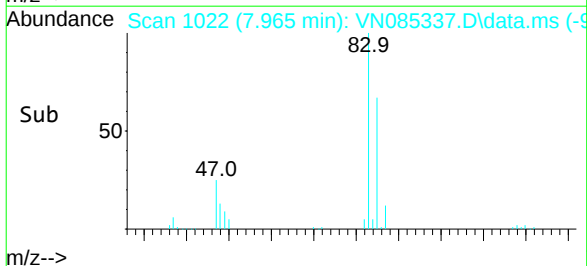
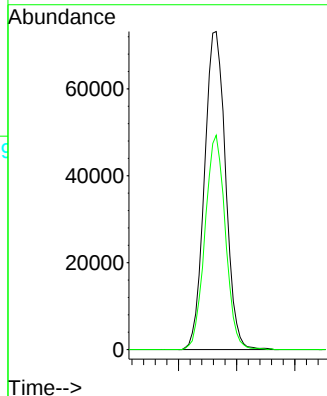
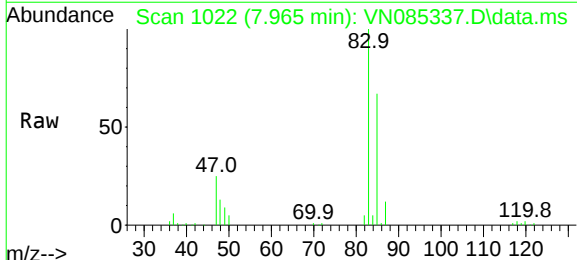
Manual Integrations
APPROVED

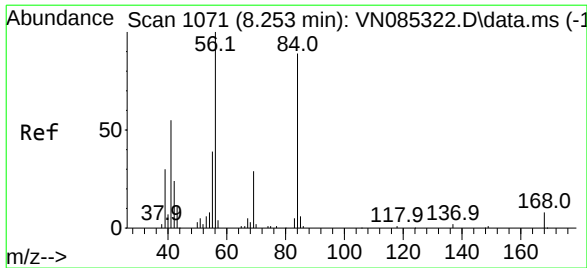
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#30
Chloroform
Concen: 45.890 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

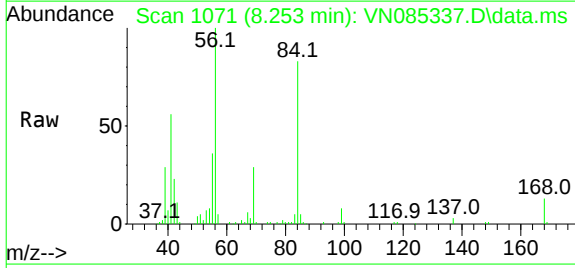
Tgt Ion: 83 Resp: 184082
Ion Ratio Lower Upper
83 100
85 67.4 52.0 78.0





#31
Cyclohexane
Concen: 43.379 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

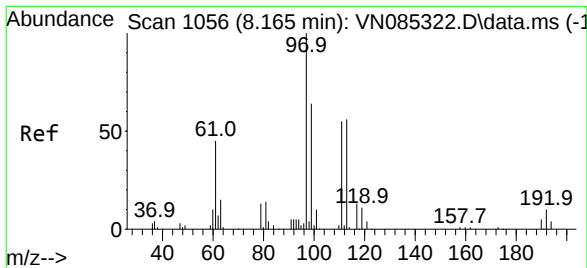
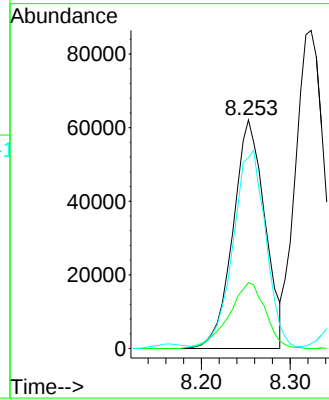
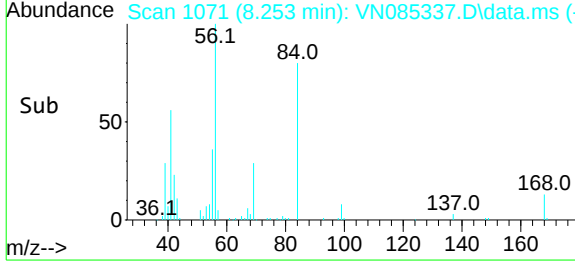
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



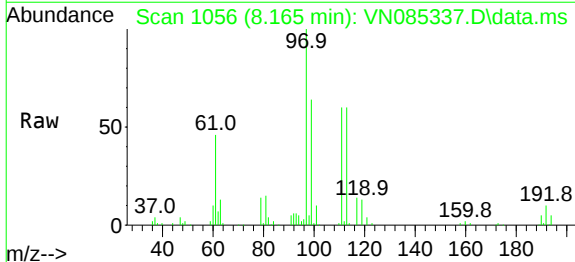
Tgt Ion: 56 Resp: 155315
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.0
84 82.1 71.0 106.6

Manual Integrations
APPROVED

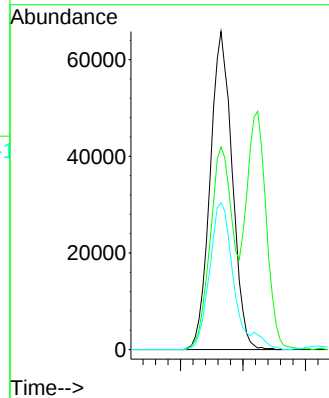
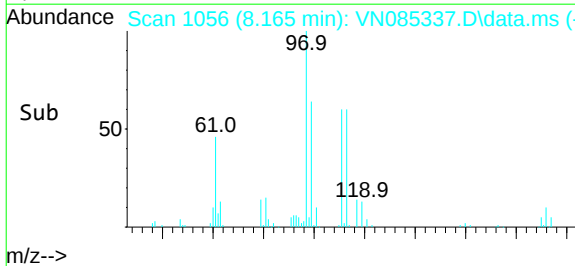
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

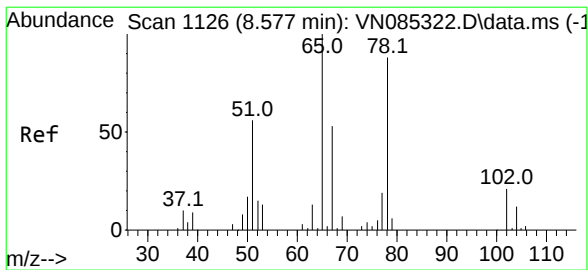


#32
1,1,1-Trichloroethane
Concen: 45.147 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54



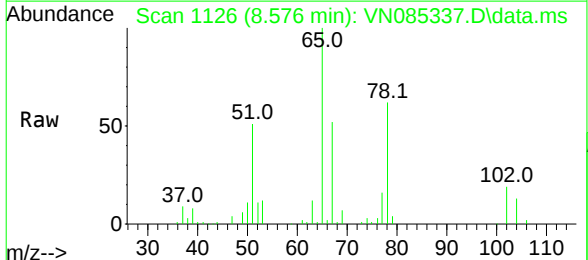
Tgt Ion: 97 Resp: 161741
Ion Ratio Lower Upper
97 100
99 66.3 53.3 79.9
61 48.1 39.6 59.4





#33
1,2-Dichloroethane-d4
Concen: 50.594 ug/l
RT: 8.576 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

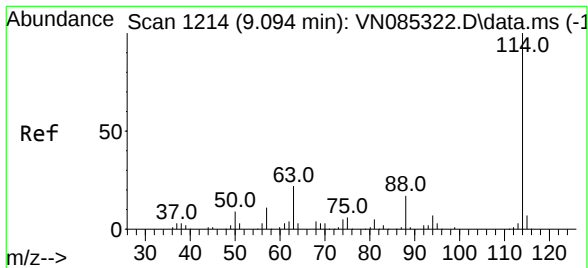
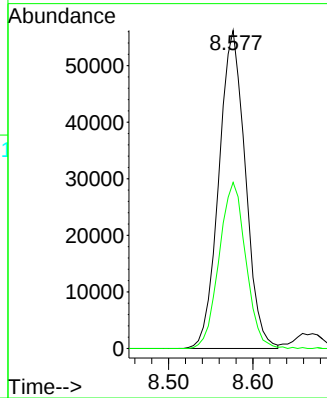
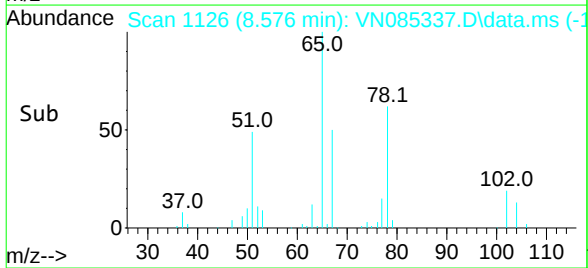
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



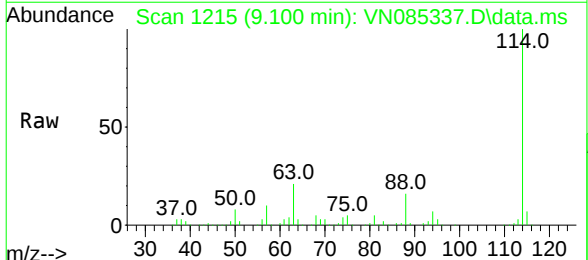
Tgt Ion: 65 Resp: 122557
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

Manual Integrations
APPROVED

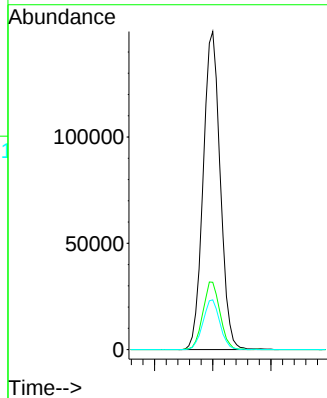
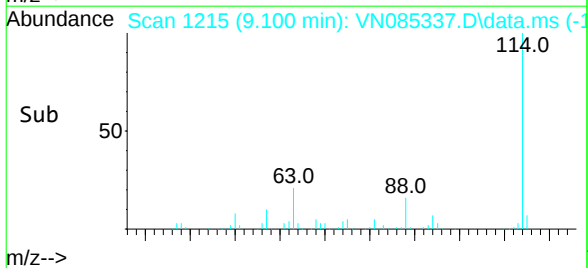
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

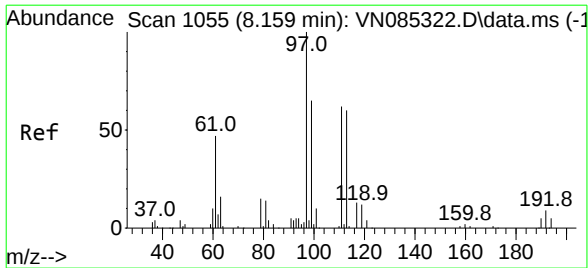


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54



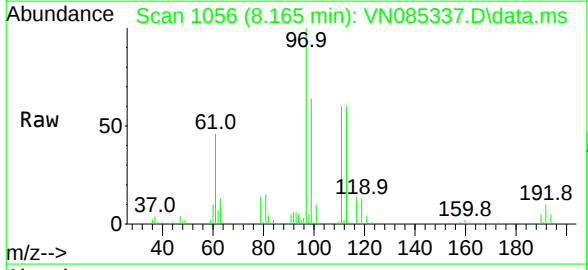
Tgt Ion:114 Resp: 304765
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.4
88 15.6 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 51.312 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085337.D
 Acq: 27 Dec 2024 19:54

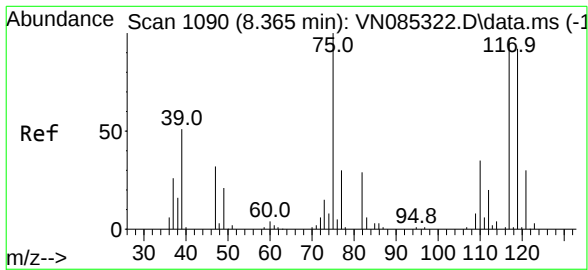
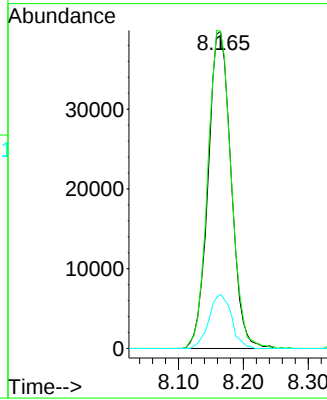
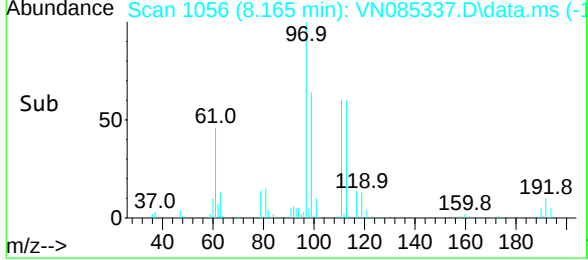
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:	113	Resp:	97559
Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.5	120.7
192	16.7	12.9	19.3

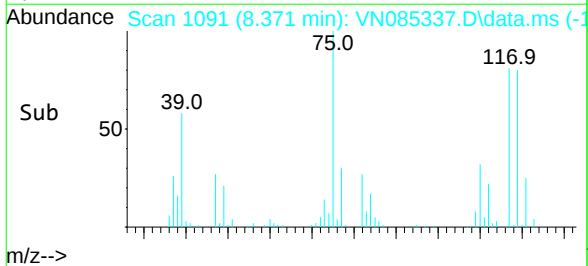
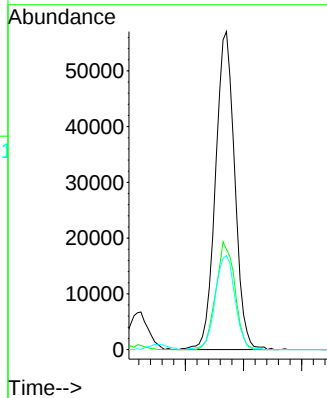
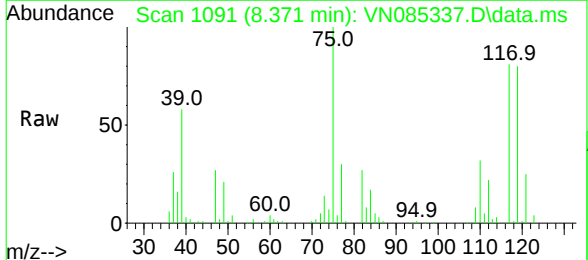
Manual Integrations
 APPROVED

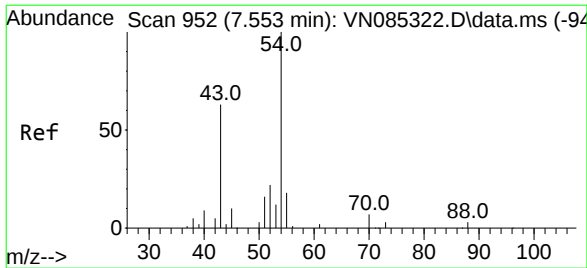
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#36
 1,1-Dichloropropene
 Concen: 47.028 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085337.D
 Acq: 27 Dec 2024 19:54

Tgt Ion:	75	Resp:	130916
Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.6	49.8
77	30.6	24.3	36.5





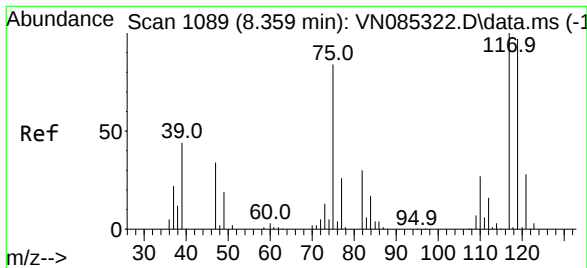
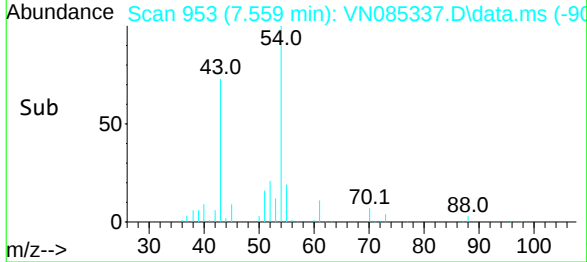
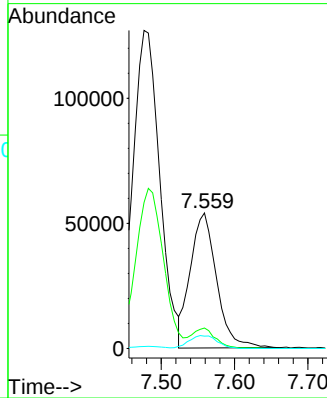
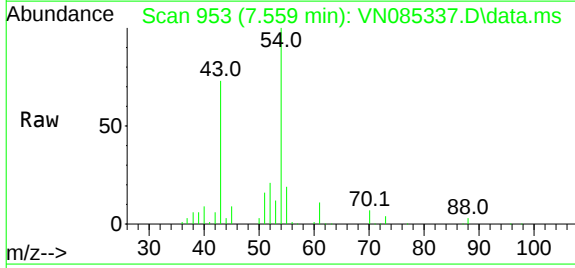
#37
 Ethyl Acetate
 Concen: 48.579 ug/l
 RT: 7.559 min Scan# 952
 Delta R.T. 0.006 min
 Lab File: VN085337.D
 Acq: 27 Dec 2024 19:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 134415
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.4 15.6
 70 10.2 8.2 12.2

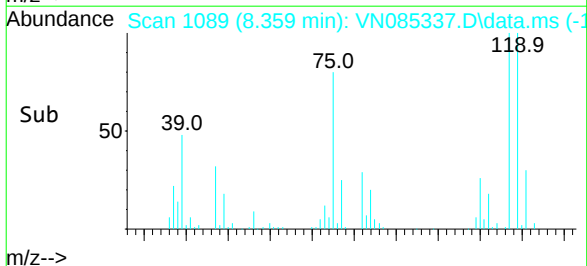
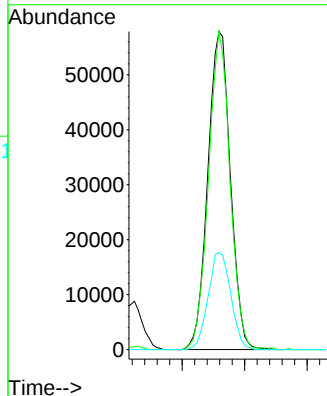
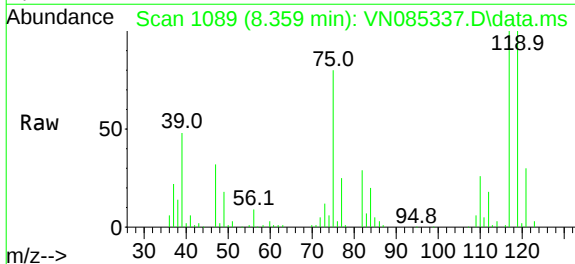
Manual Integrations
 APPROVED

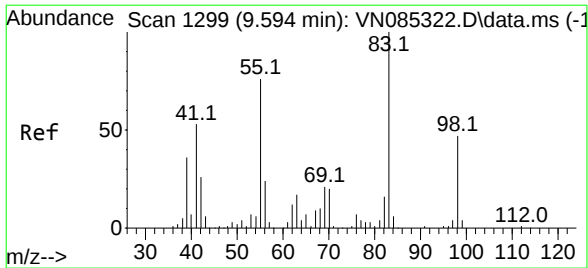
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#38
 Carbon Tetrachloride
 Concen: 47.859 ug/l
 RT: 8.359 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VN085337.D
 Acq: 27 Dec 2024 19:54

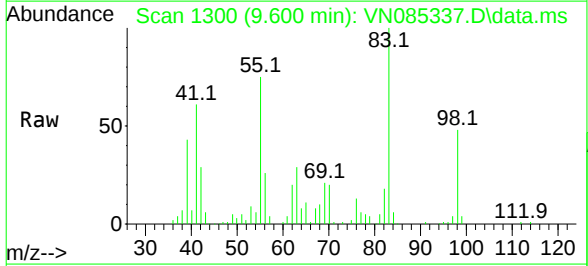
Tgt Ion:117 Resp: 145219
 Ion Ratio Lower Upper
 117 100
 119 99.9 77.8 116.6
 121 30.5 22.5 33.7





#39
Methylcyclohexane
Concen: 48.731 ug/l
RT: 9.600 min Scan# 131
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

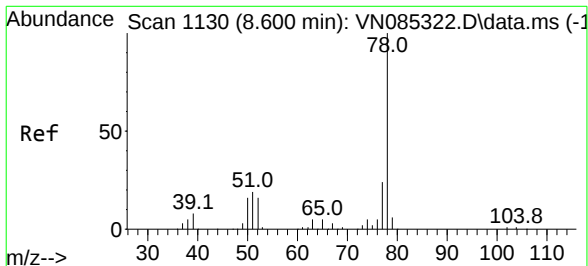
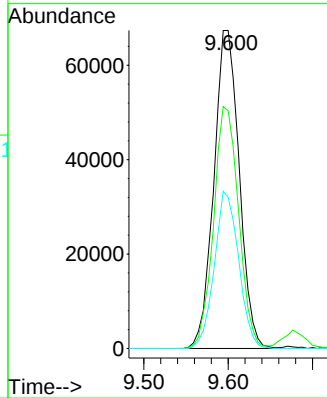
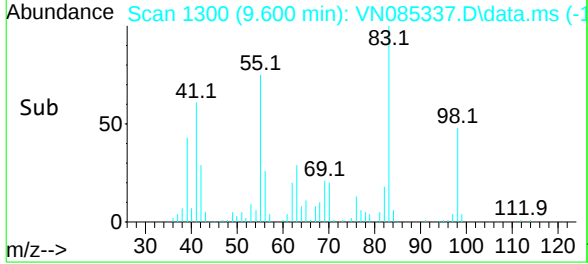
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



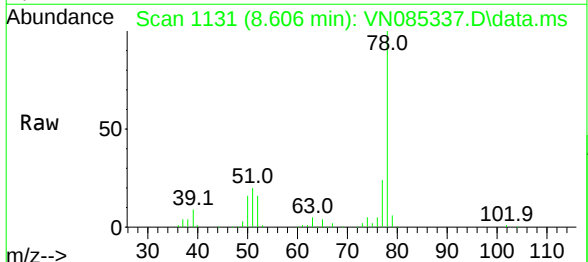
Tgt Ion: 83 Resp: 140749
Ion Ratio Lower Upper
83 100
55 74.7 60.7 91.1
98 47.5 37.7 56.5

Manual Integrations
APPROVED

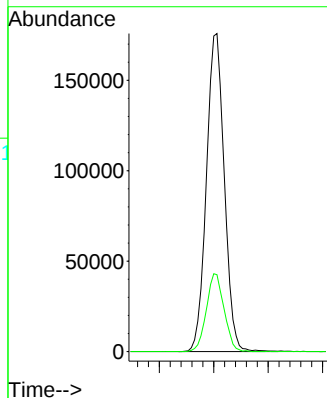
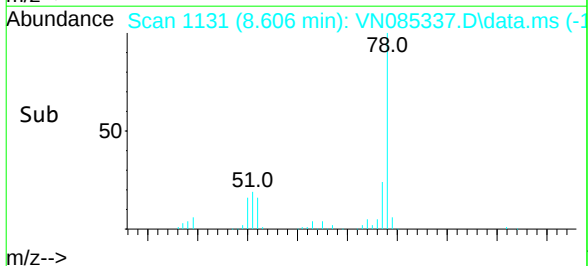
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

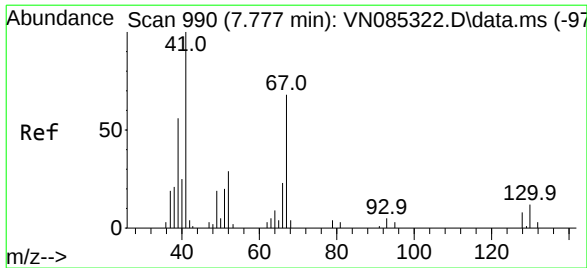


#40
Benzene
Concen: 47.710 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54



Tgt Ion: 78 Resp: 401557
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4





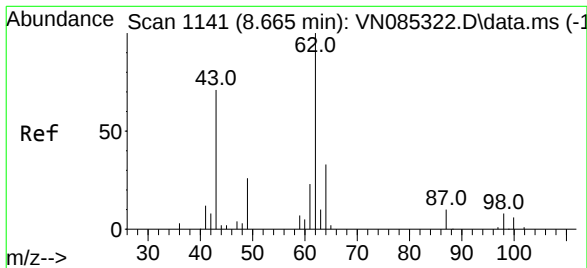
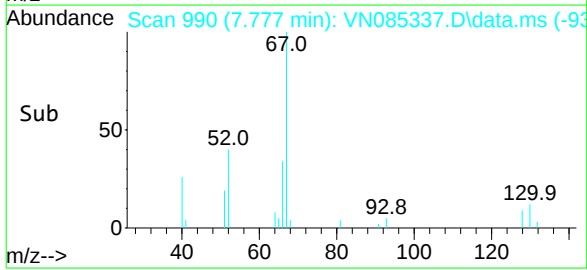
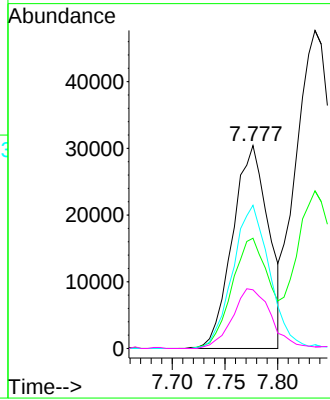
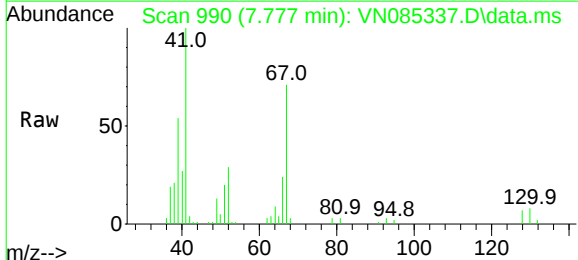
#41
Methacrylonitrile
Concen: 50.926 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41	Resp: 72165
Ion Ratio	Lower Upper
41 100	
39 56.0	45.8 68.8
67 73.0	57.1 85.7
52 32.1	25.1 37.7

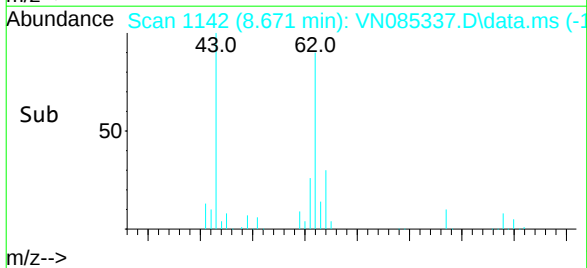
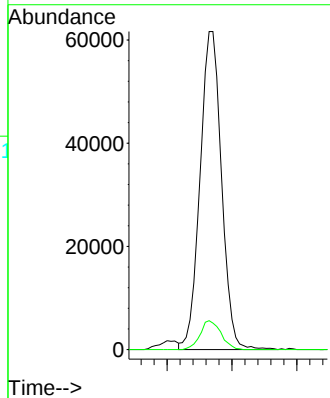
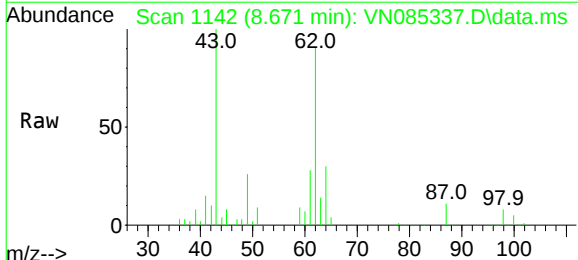
Manual Integrations
APPROVED

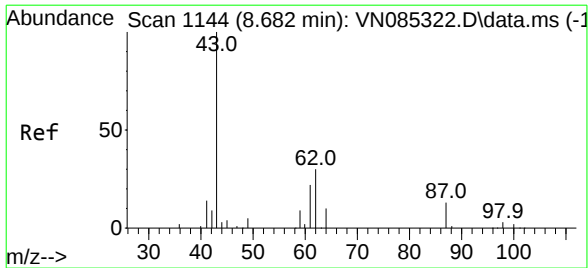
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#42
1,2-Dichloroethane
Concen: 47.009 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion: 62	Resp: 141854
Ion Ratio	Lower Upper
62 100	
98 8.8	0.0 17.6





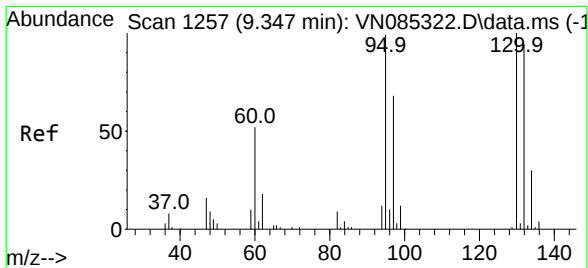
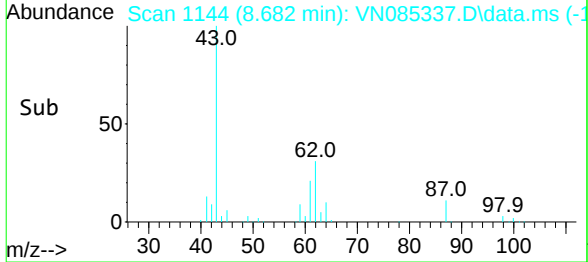
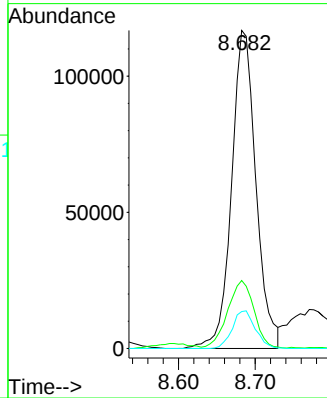
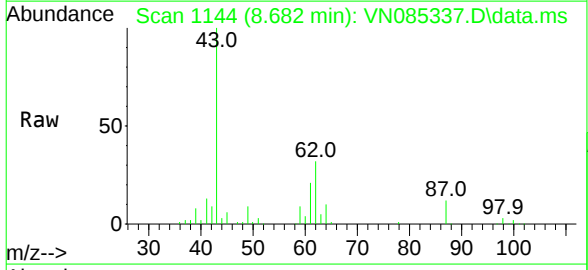
#43
Isopropyl Acetate
Concen: 56.698 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 258318
Ion Ratio Lower Upper
43 100
61 22.9 20.8 31.2
87 11.2 10.2 15.4

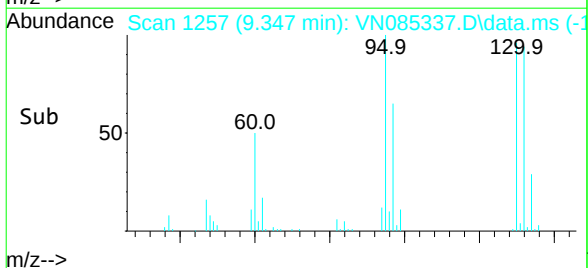
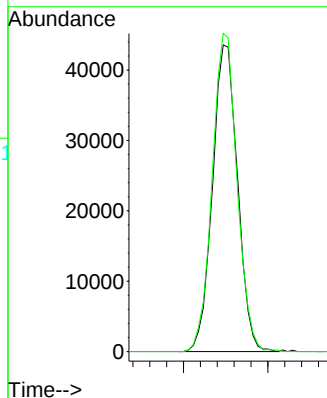
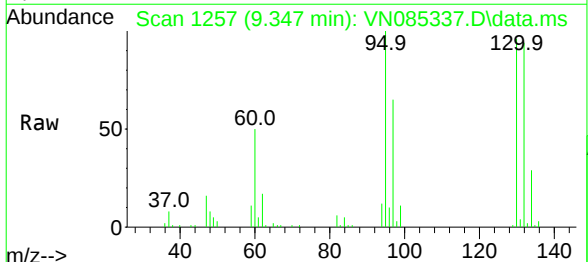
Manual Integrations
APPROVED

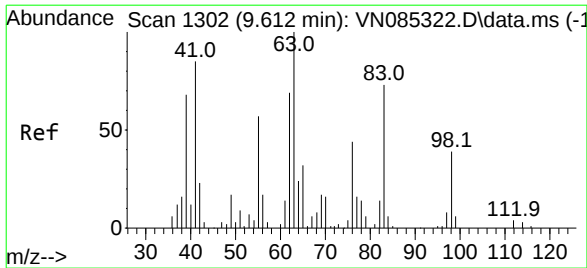
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#44
Trichloroethene
Concen: 45.091 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion:130 Resp: 89851
Ion Ratio Lower Upper
130 100
95 103.7 0.0 197.8





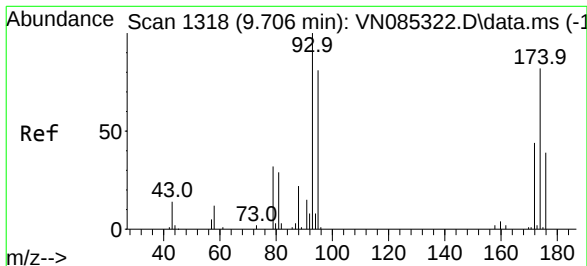
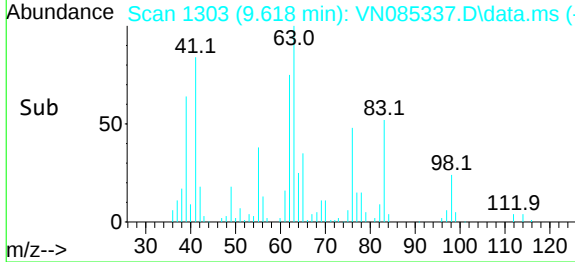
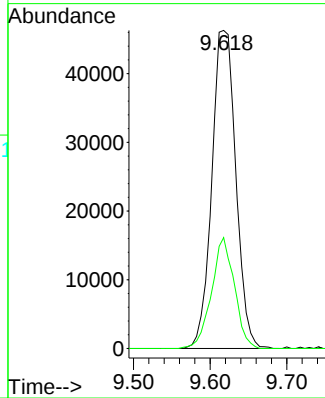
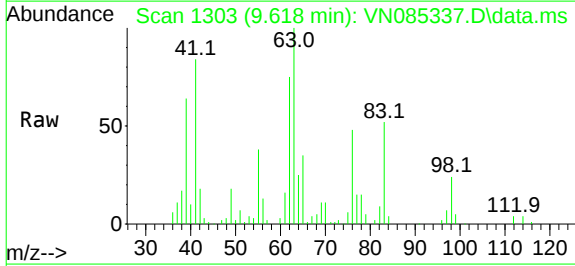
#45
1,2-Dichloropropane
Concen: 47.168 ug/l
RT: 9.618 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 100779
Ion Ratio Lower Upper
63 100
65 34.9 25.5 38.3

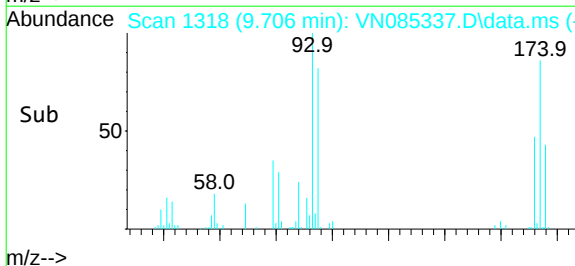
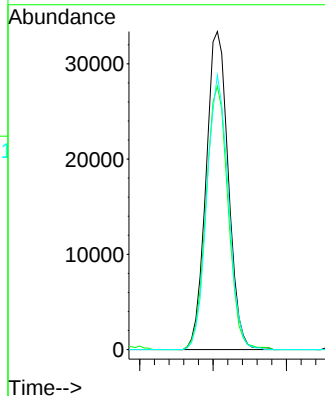
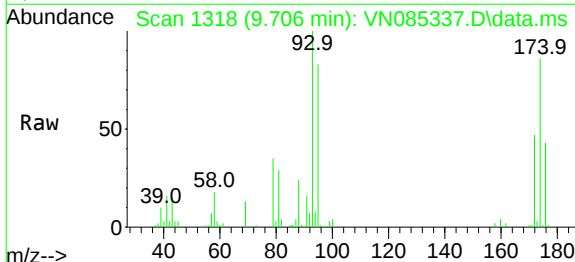
Manual Integrations
APPROVED

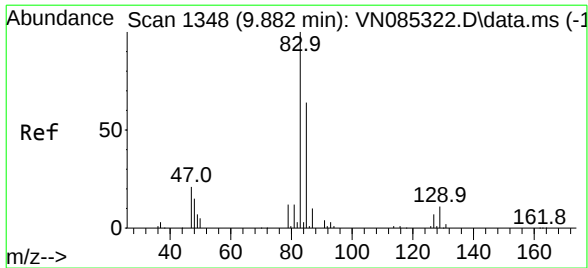
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#46
Dibromomethane
Concen: 47.348 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion: 93 Resp: 70356
Ion Ratio Lower Upper
93 100
95 82.3 65.3 97.9
174 83.3 66.4 99.6





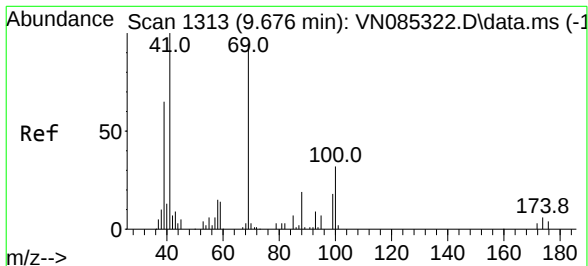
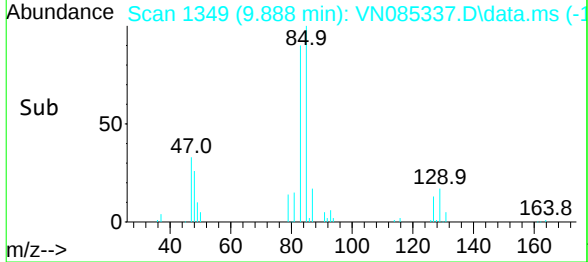
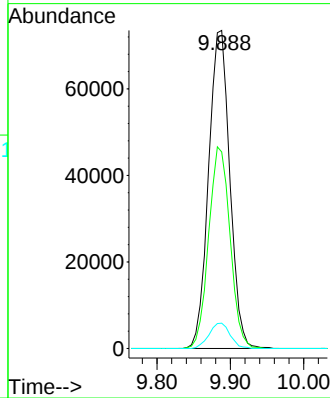
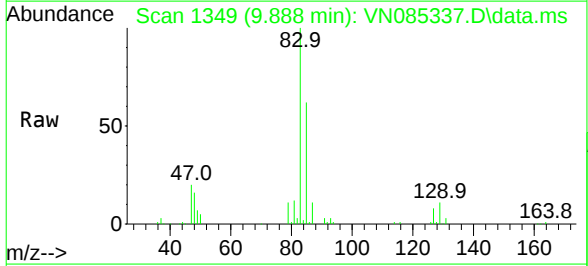
#47
Bromodichloromethane
Concen: 47.752 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 147480
Ion Ratio Lower Upper
83 100
85 61.8 51.0 76.4
127 8.0 5.8 8.6

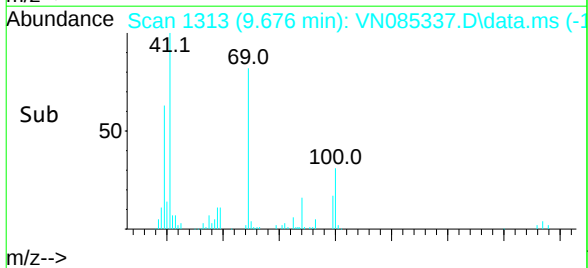
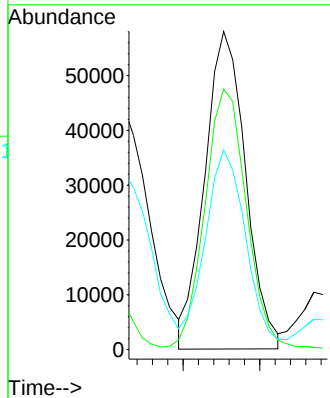
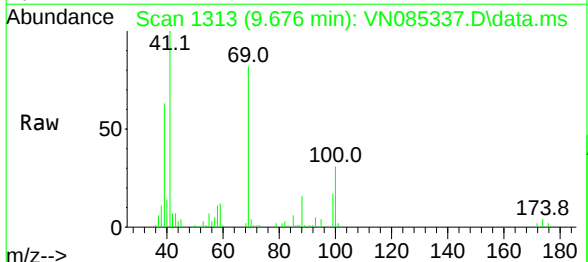
Manual Integrations
APPROVED

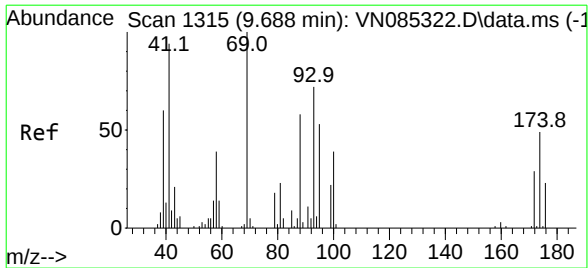
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#48
Methyl methacrylate
Concen: 54.215 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

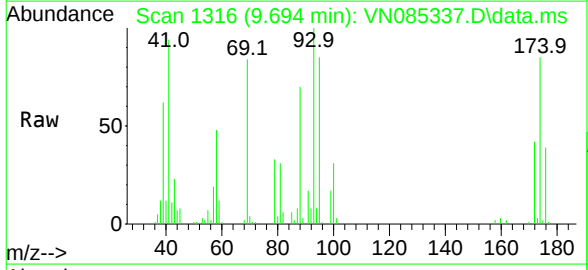
Tgt Ion: 41 Resp: 107180
Ion Ratio Lower Upper
41 100
69 84.4 67.7 101.5
39 63.7 51.2 76.8





#49
1,4-Dioxane
Concen: 1119.134 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

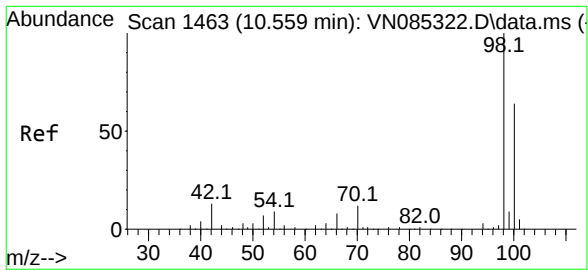
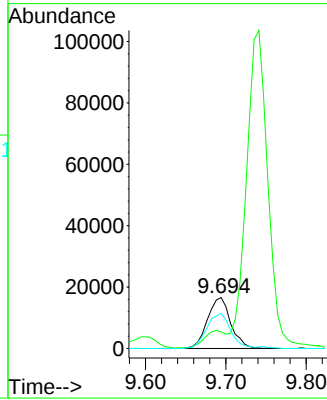
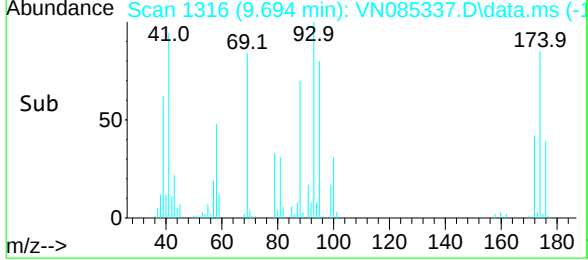
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 33381
Ion Ratio Lower Upper
88 100
43 30.6 22.1 33.1
58 73.0 56.7 85.1

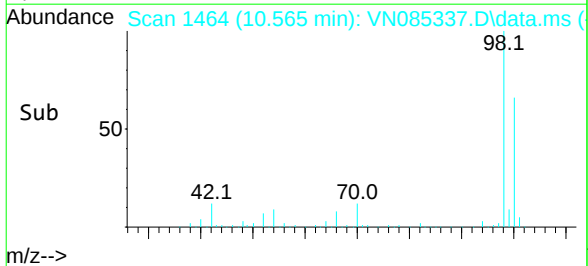
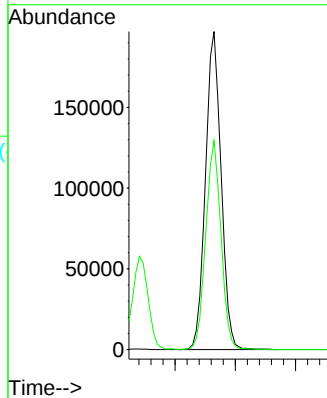
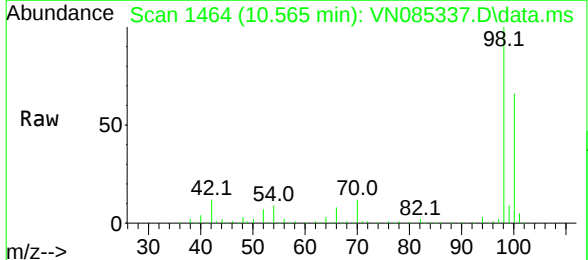
Manual Integrations
APPROVED

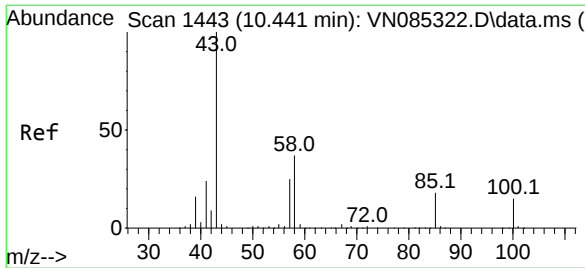
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#50
Toluene-d8
Concen: 50.937 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion: 98 Resp: 355381
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3





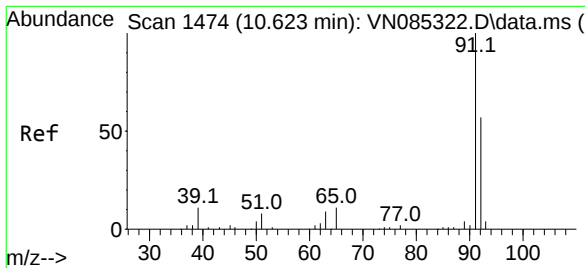
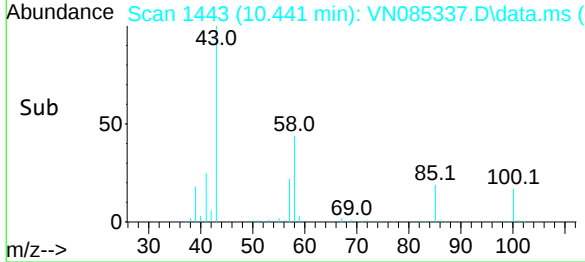
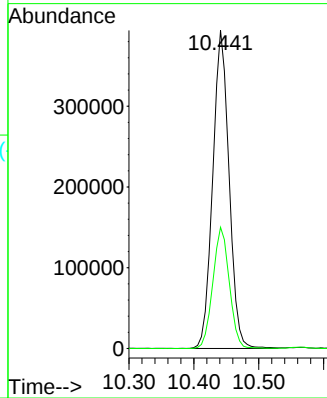
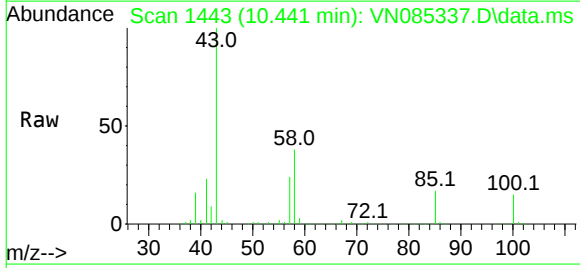
#51
4-Methyl-2-Pentanone
Concen: 268.651 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 687835
Ion Ratio Lower Upper
43 100
58 38.4 30.3 45.5

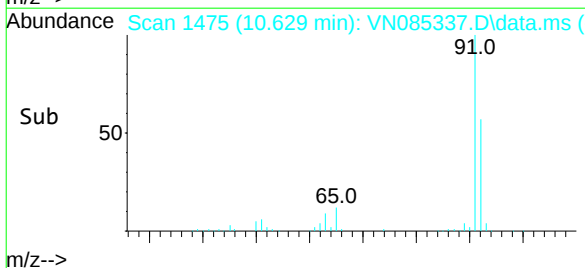
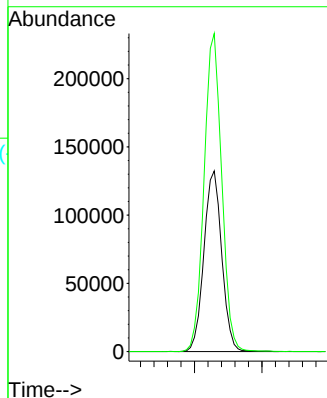
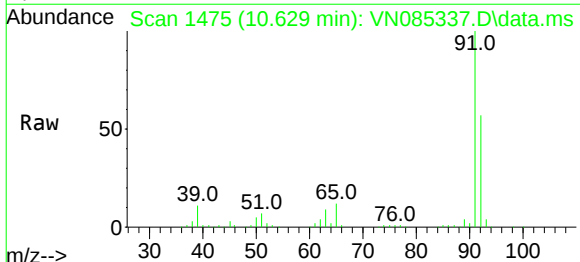
Manual Integrations
APPROVED

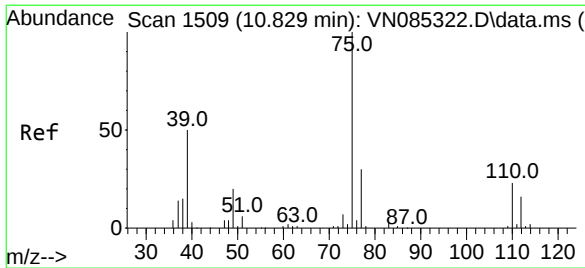
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#52
Toluene
Concen: 48.552 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

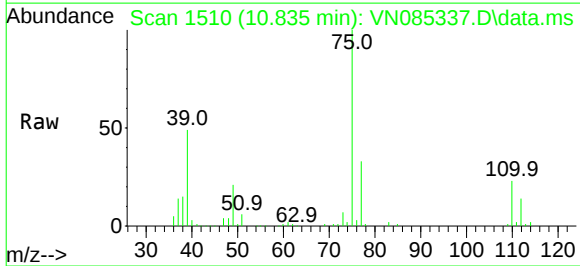
Tgt Ion: 92 Resp: 243317
Ion Ratio Lower Upper
92 100
91 174.0 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 49.694 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

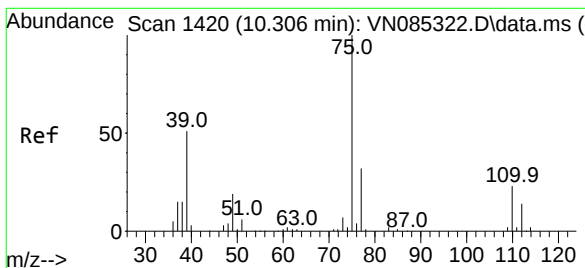
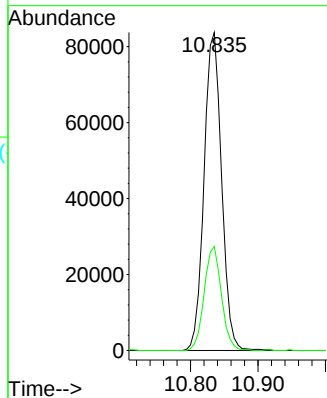
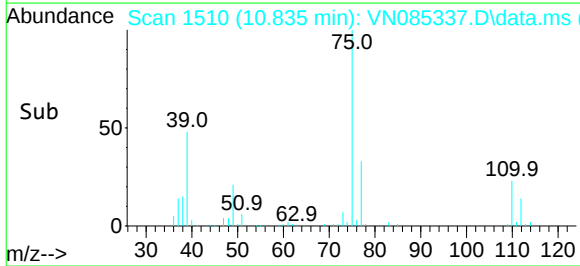
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



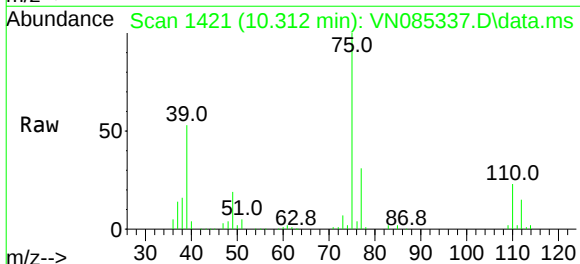
Tgt Ion: 75 Resp: 150931
Ion Ratio Lower Upper
75 100
77 32.7 23.8 35.6

Manual Integrations
APPROVED

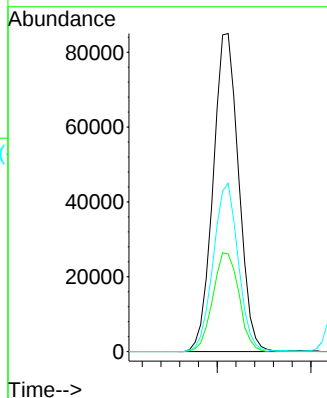
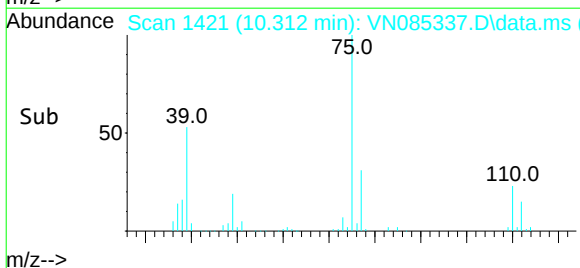
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

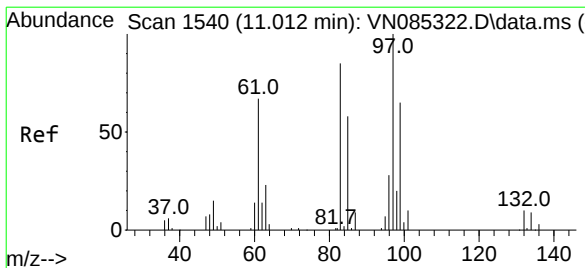


#54
cis-1,3-Dichloropropene
Concen: 48.936 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54



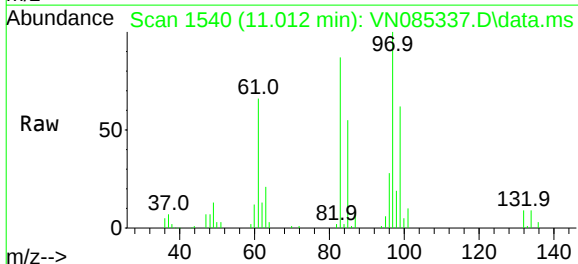
Tgt Ion: 75 Resp: 160718
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3
39 52.9 40.5 60.7





#55
1,1,2-Trichloroethane
Concen: 48.764 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

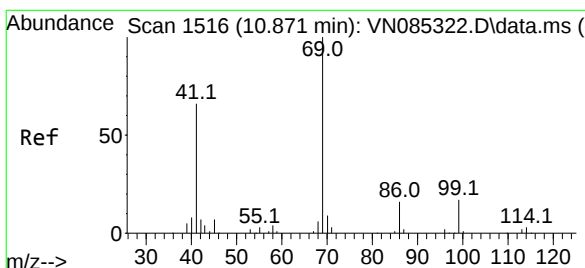
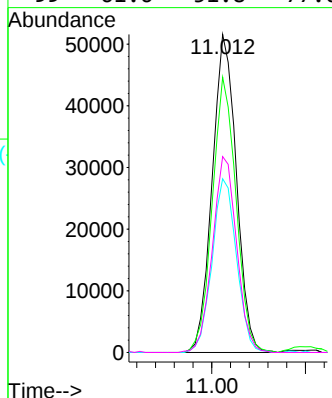
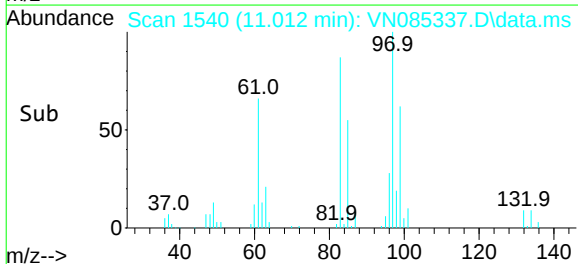
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.7	101.5
85	54.6	46.2	69.4
99	61.6	51.8	77.6

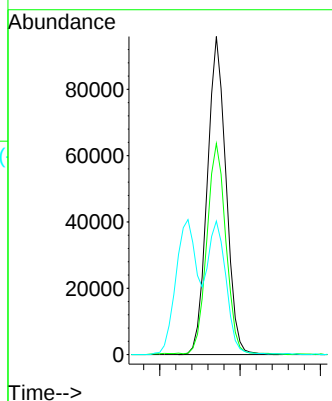
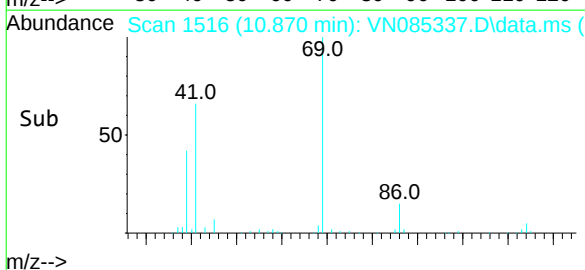
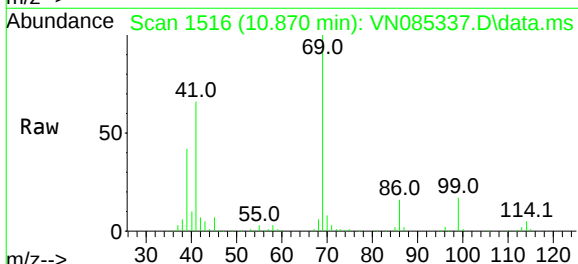
Manual Integrations
APPROVED

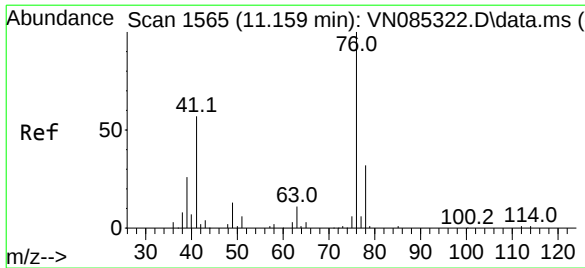
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#56
Ethyl methacrylate
Concen: 56.392 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

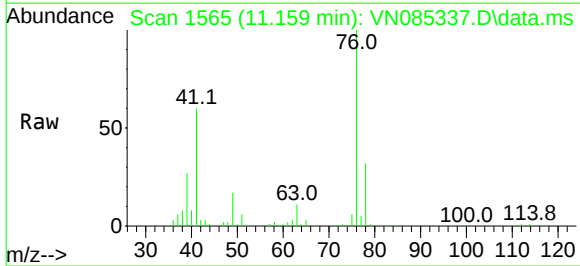
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.3	81.5
39	40.4	32.0	48.0





#57
1,3-Dichloropropane
Concen: 48.684 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

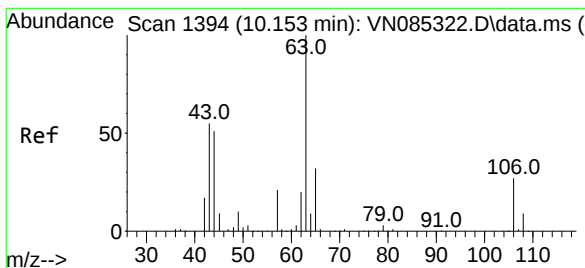
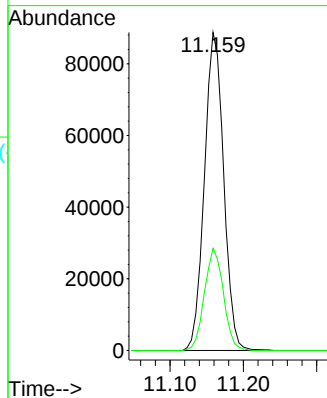
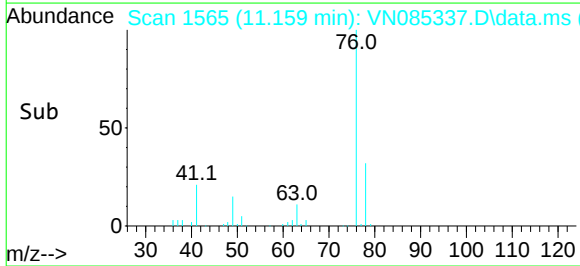
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



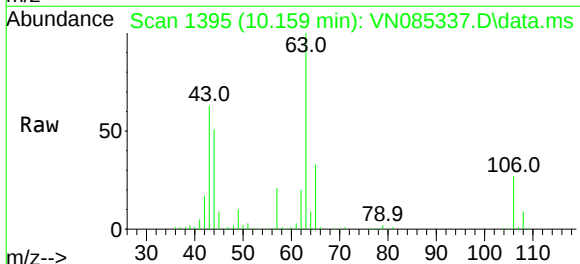
Tgt Ion: 76 Resp: 161673
Ion Ratio Lower Upper
76 100
78 31.7 25.5 38.3

Manual Integrations
APPROVED

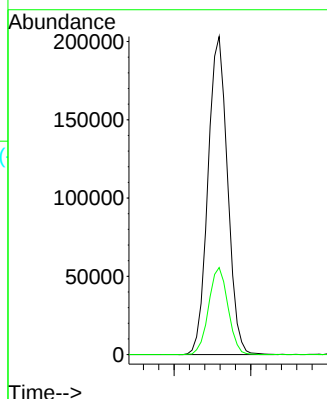
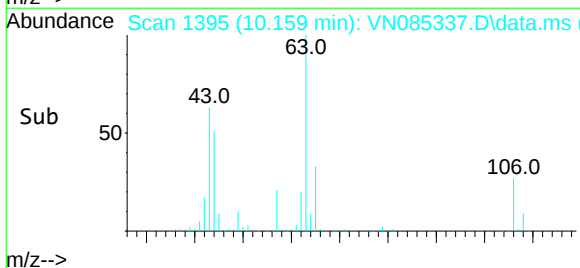
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

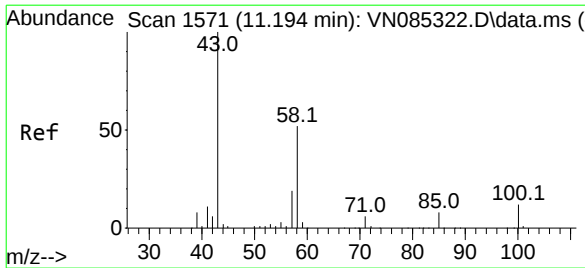


#58
2-Chloroethyl Vinyl ether
Concen: 270.032 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54



Tgt Ion: 63 Resp: 360017
Ion Ratio Lower Upper
63 100
106 27.0 22.1 33.1





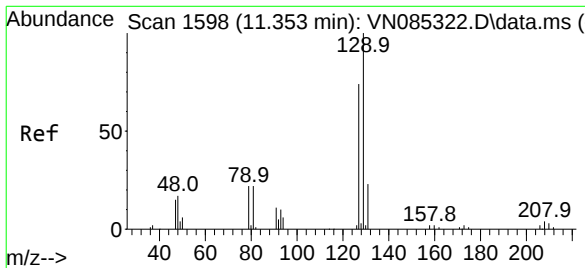
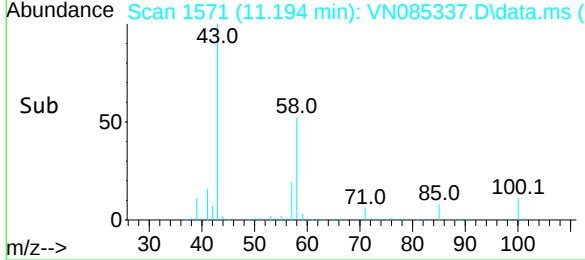
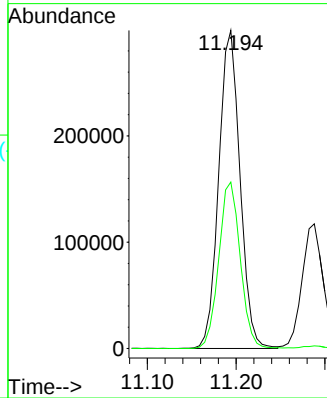
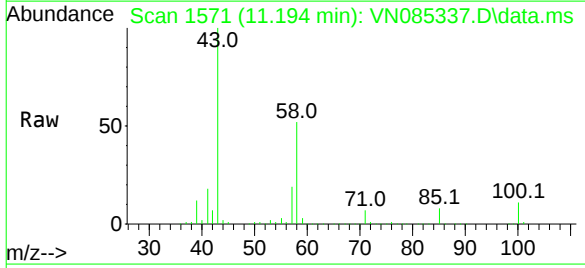
#59
2-Hexanone
Concen: 280.111 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 497580
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.5

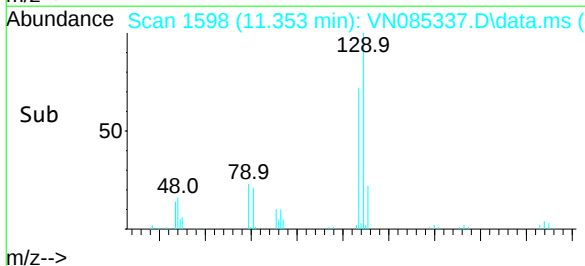
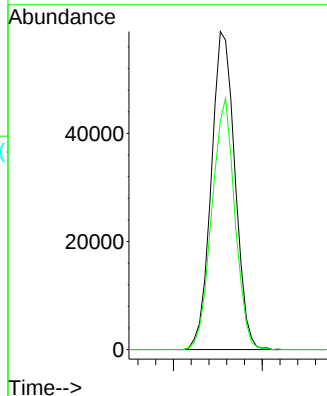
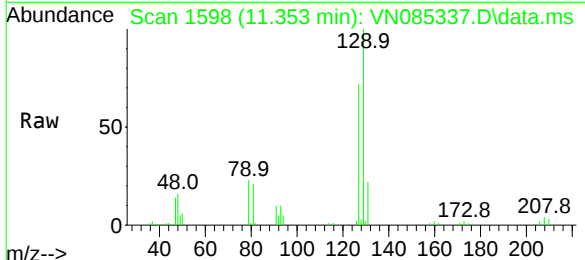
Manual Integrations
APPROVED

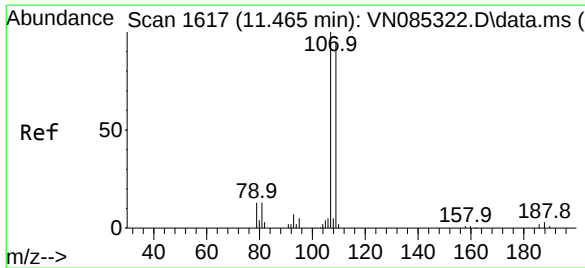
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#60
Dibromochloromethane
Concen: 51.180 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion:129 Resp: 109072
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.9





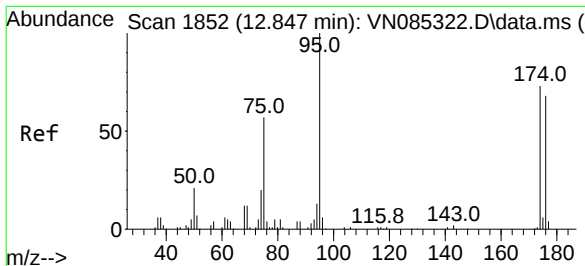
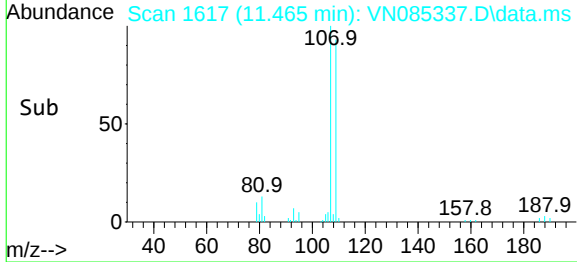
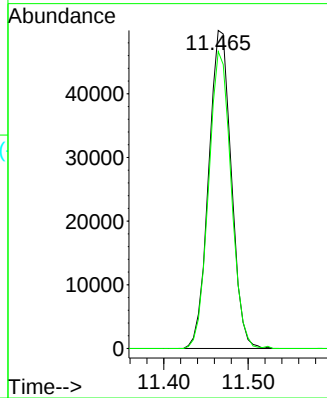
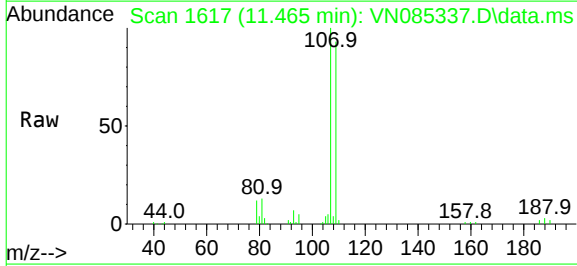
#61
1,2-Dibromoethane
Concen: 49.680 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 92998
Ion Ratio Lower Upper
107 100
109 93.0 74.9 112.3

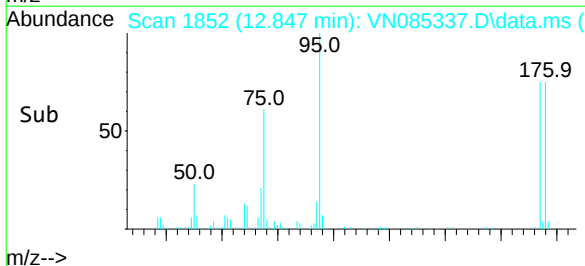
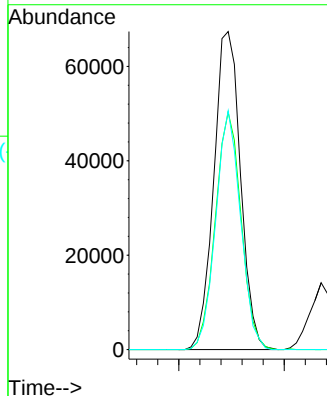
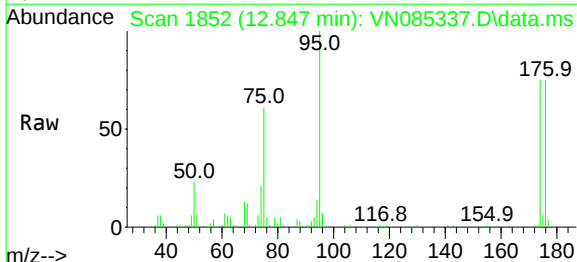
Manual Integrations
APPROVED

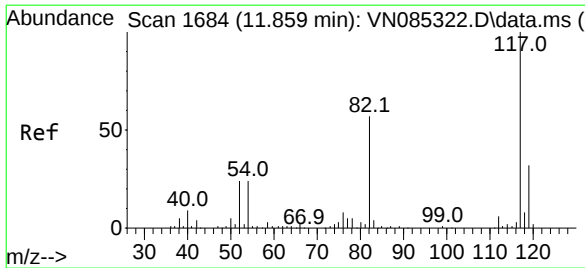
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#62
4-Bromofluorobenzene
Concen: 51.260 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

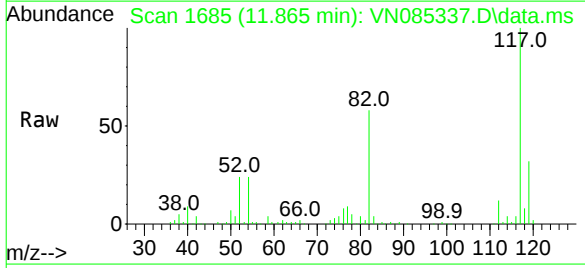
Tgt Ion: 95 Resp: 118775
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.2
176 69.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

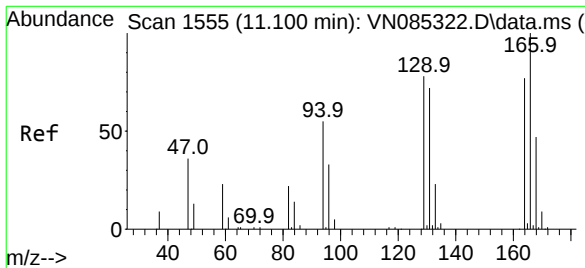
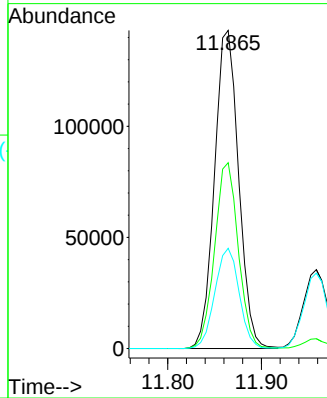
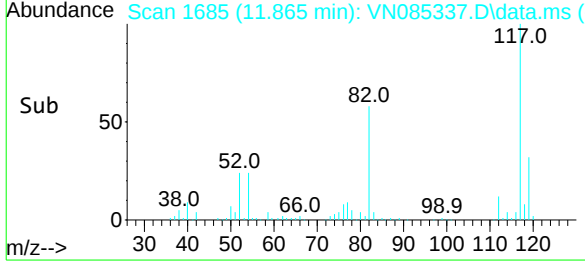
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 256130
Ion Ratio Lower Upper
117 100
82 58.4 45.7 68.5
119 31.5 25.8 38.8

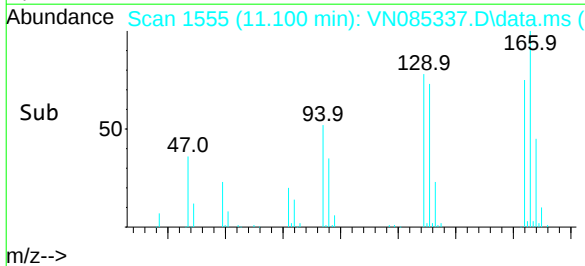
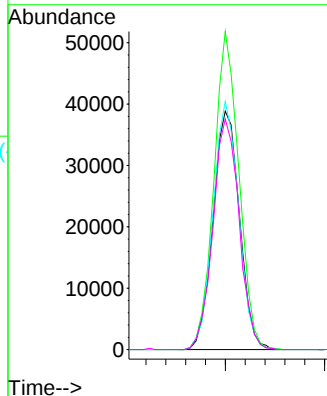
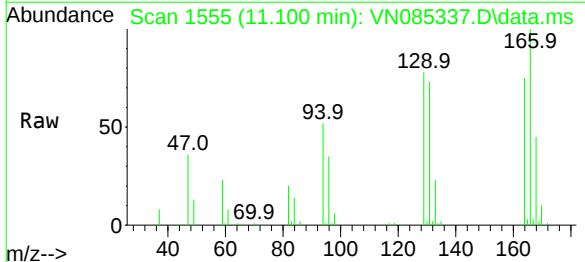
Manual Integrations
APPROVED

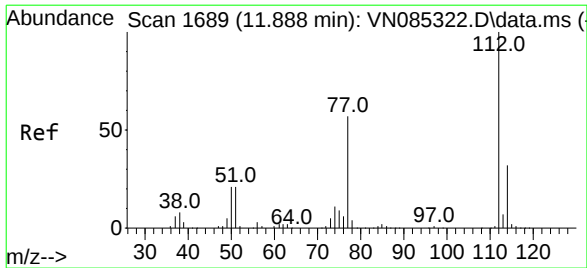
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#64
Tetrachloroethene
Concen: 44.300 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion:164 Resp: 71896
Ion Ratio Lower Upper
164 100
166 133.4 104.0 156.0
129 104.0 81.3 121.9
131 96.7 75.0 112.6





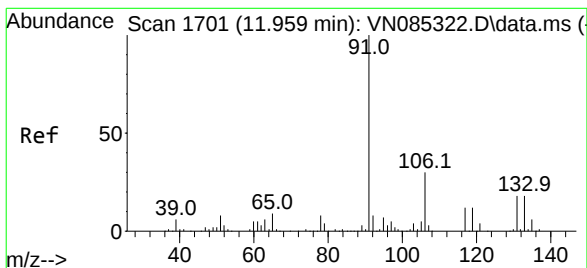
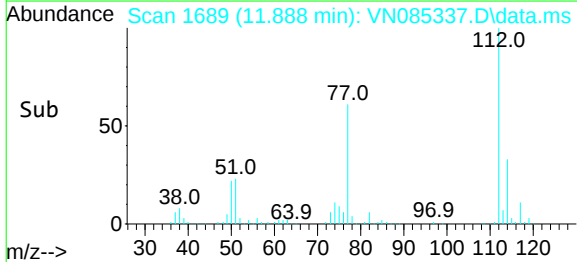
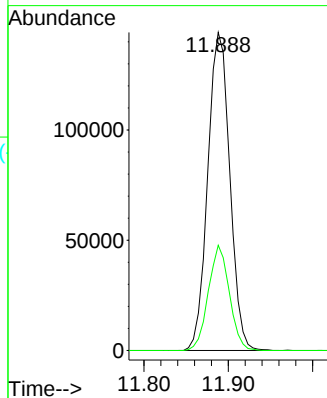
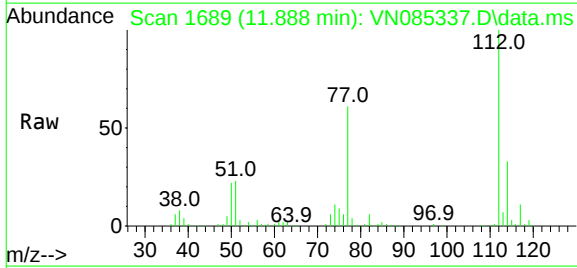
#65
Chlorobenzene
Concen: 47.277 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 261676
Ion Ratio Lower Upper
112 100
114 33.1 25.2 37.8

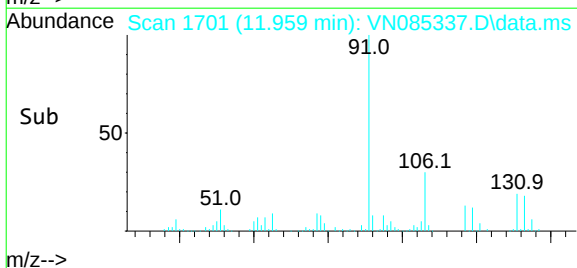
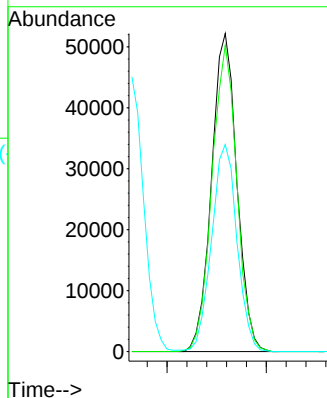
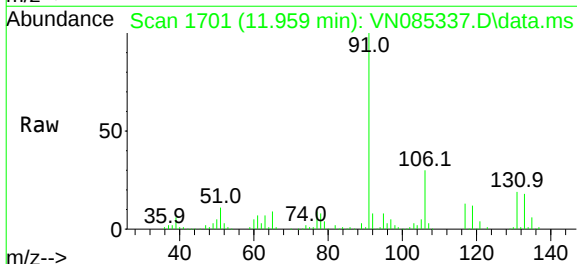
Manual Integrations
APPROVED

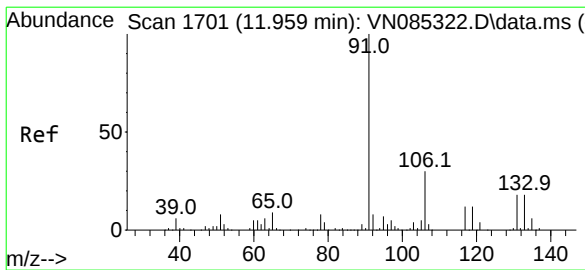
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.750 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

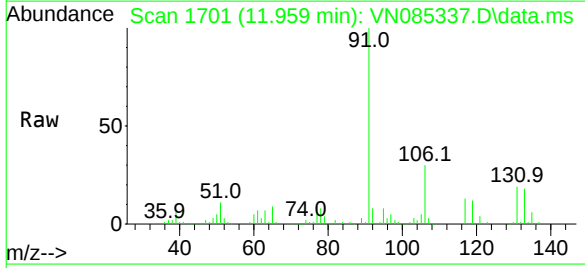
Tgt Ion:131 Resp: 92418
Ion Ratio Lower Upper
131 100
133 94.6 48.3 144.9
119 65.3 33.4 100.1





#67
 Ethyl Benzene
 Concen: 50.123 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN085337.D
 Acq: 27 Dec 2024 19:54

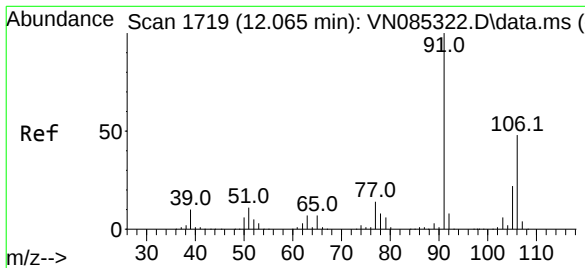
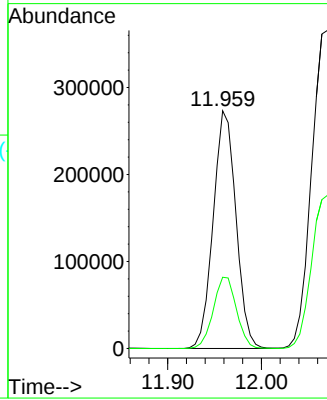
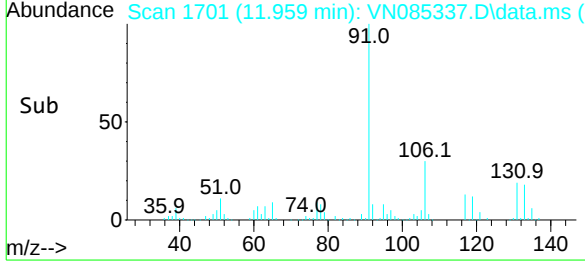
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 91 Resp: 461376
 Ion Ratio Lower Upper
 91 100
 106 30.0 24.0 36.0

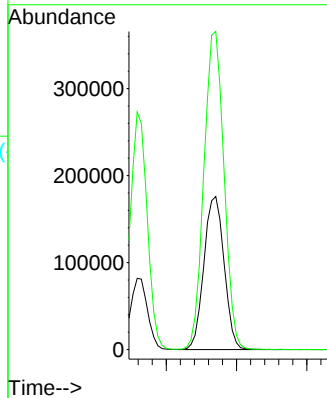
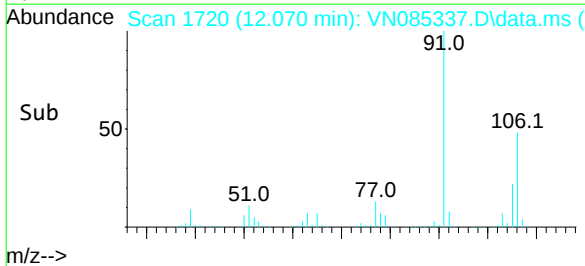
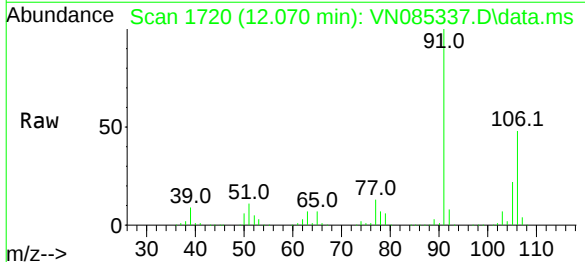
Manual Integrations
 APPROVED

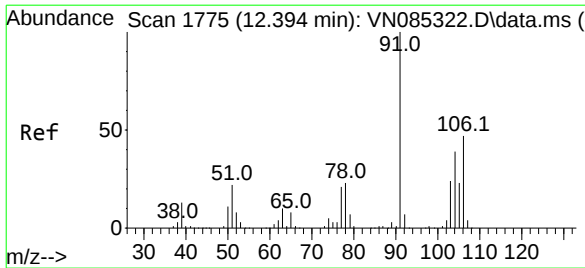
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#68
 m/p-Xylenes
 Concen: 104.245 ug/l
 RT: 12.070 min Scan# 1720
 Delta R.T. 0.006 min
 Lab File: VN085337.D
 Acq: 27 Dec 2024 19:54

Tgt Ion:106 Resp: 351159
 Ion Ratio Lower Upper
 106 100
 91 206.7 165.2 247.8





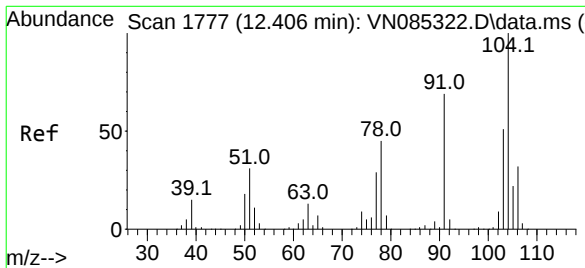
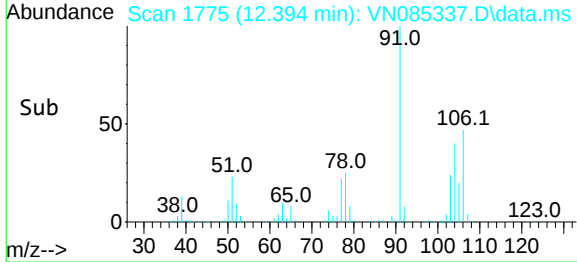
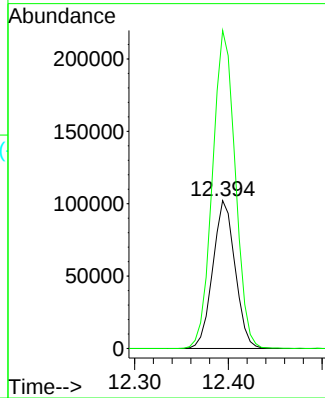
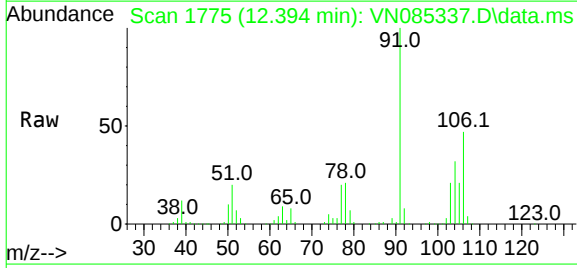
#69
o-Xylene
Concen: 51.838 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 168921
Ion Ratio Lower Upper
106 100
91 219.0 107.3 321.8

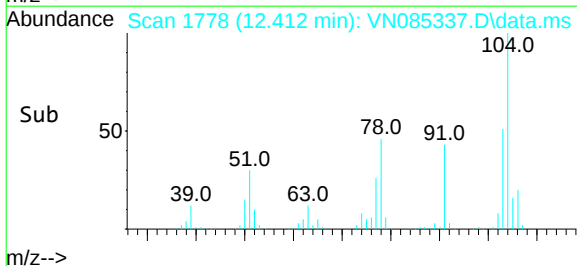
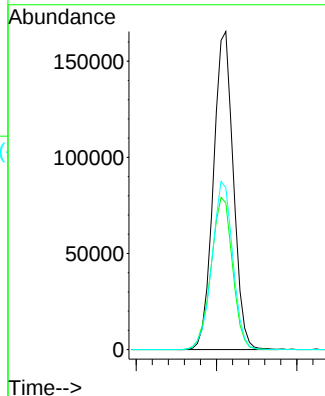
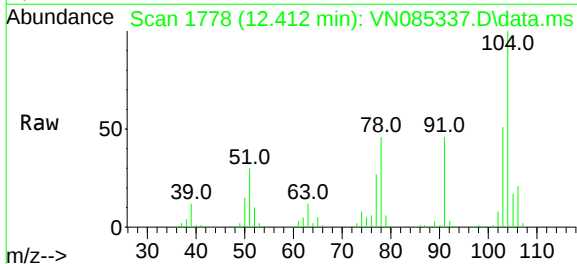
Manual Integrations
APPROVED

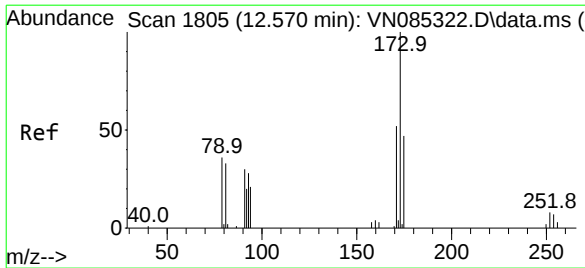
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#70
Styrene
Concen: 54.081 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion:104 Resp: 285621
Ion Ratio Lower Upper
104 100
78 51.4 40.7 61.1
103 55.0 44.1 66.1





#71

Bromoform

Concen: 53.619 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

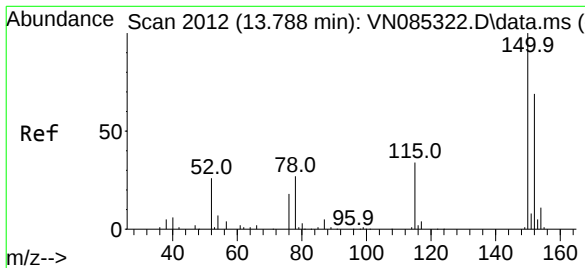
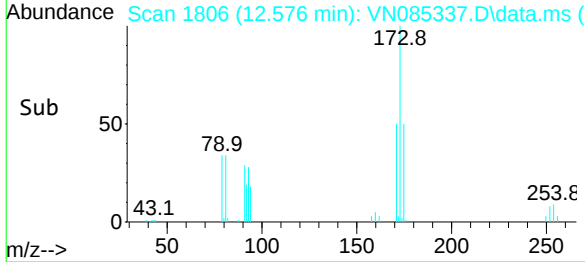
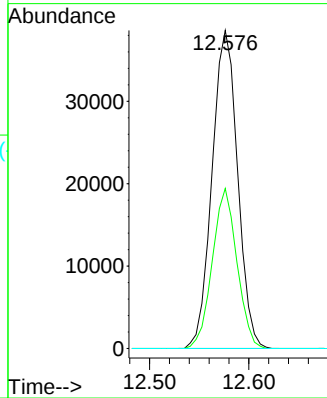
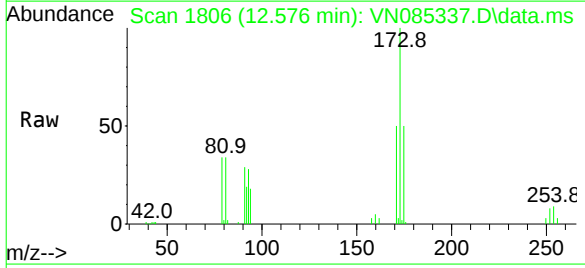
Tgt Ion:	173	Resp:	68988
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

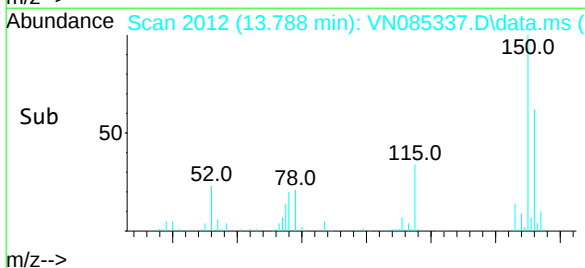
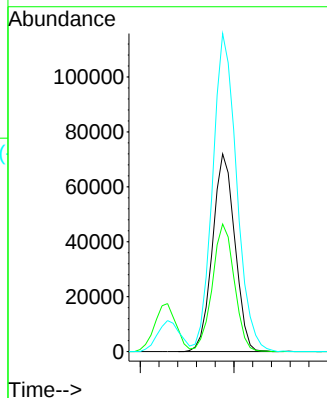
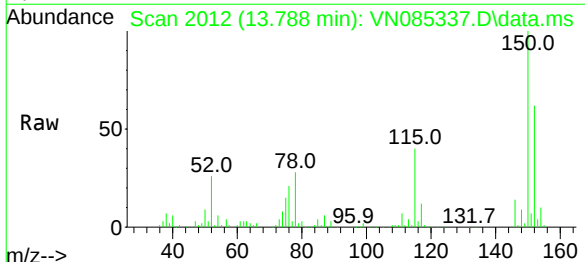
RT: 13.788 min Scan# 2012

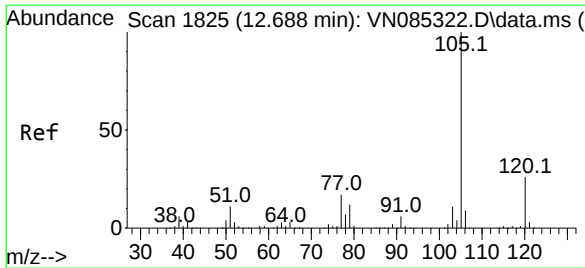
Delta R.T. -0.000 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

Tgt Ion:	152	Resp:	119158
Ion Ratio	Lower	Upper	
152	100		
115	63.5	30.4	91.3
150	173.4	0.0	345.0





#73

Isopropylbenzene

Concen: 50.287 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 430895

Ion Ratio Lower Upper

105 100

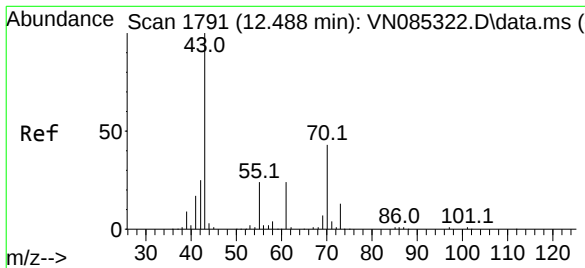
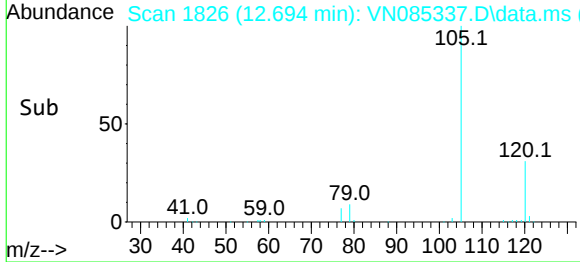
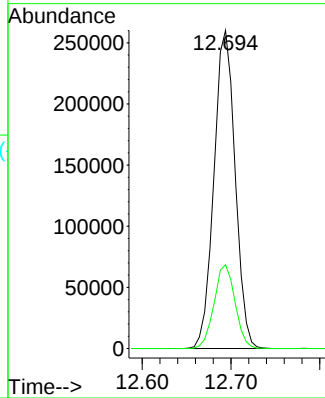
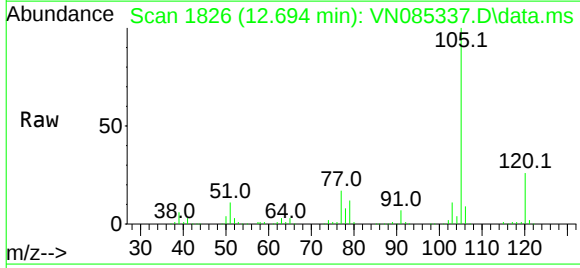
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#74

N-ethyl acetate

Concen: 56.680 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

Tgt Ion: 43 Resp: 207891

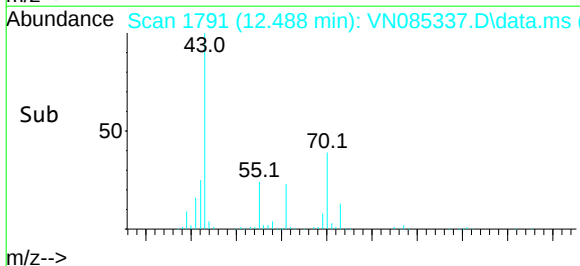
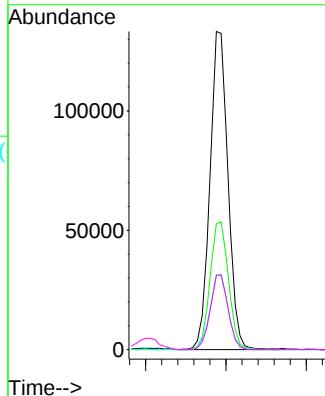
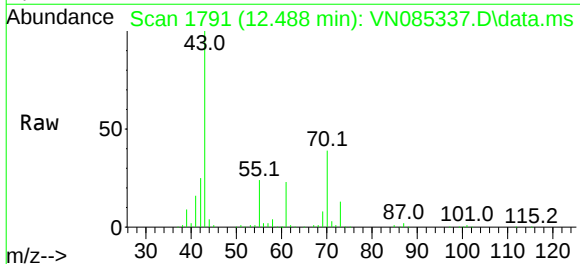
Ion Ratio Lower Upper

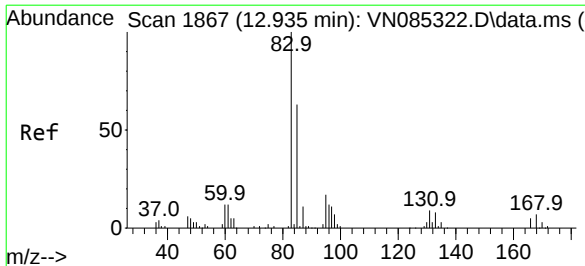
43 100

70 41.0 33.4 50.0

55 23.8 19.2 28.8

61 23.1 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.623 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

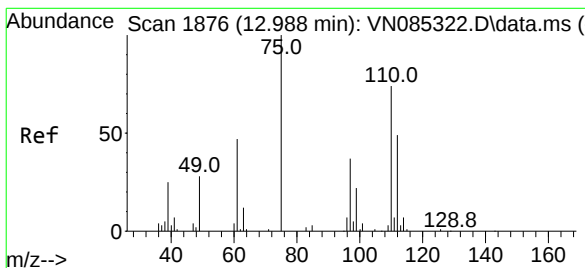
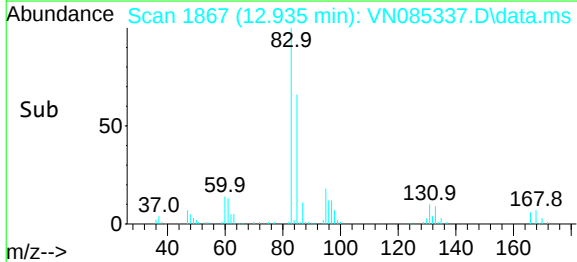
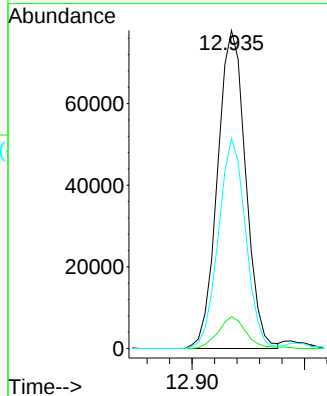
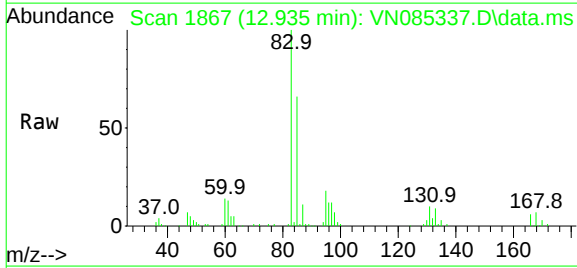
Tgt Ion: 83	Resp: 135425
Ion Ratio	Lower Upper
83 100	
131 10.0	4.8 14.4
85 63.9	32.6 98.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#76

1,2,3-Trichloropropane

Concen: 54.860 ug/l m

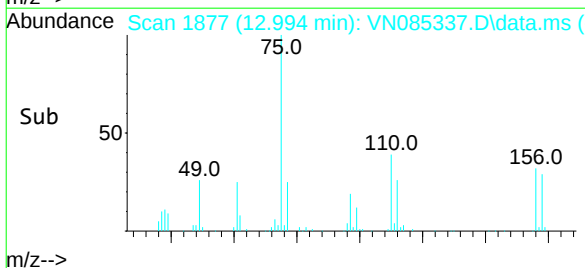
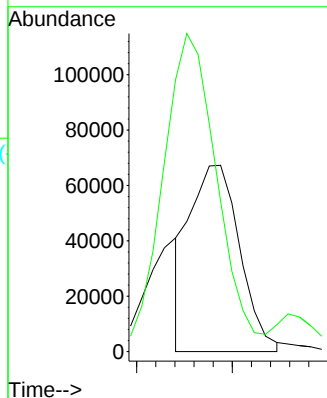
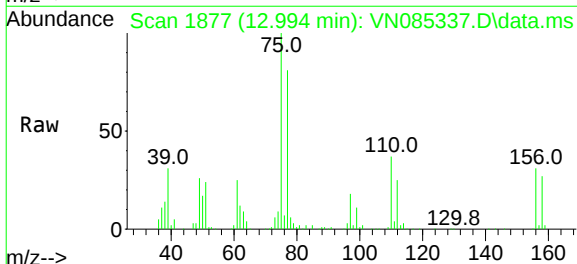
RT: 12.994 min Scan# 1877

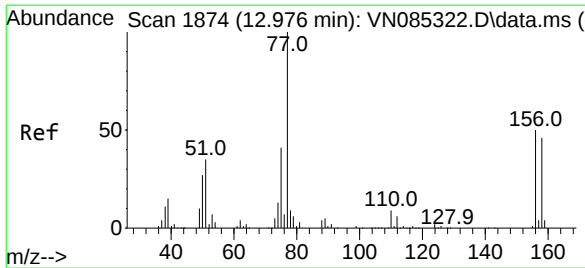
Delta R.T. 0.006 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

Tgt Ion: 75	Resp: 122072
Ion Ratio	Lower Upper
75 100	
77 186.0	98.1 294.3





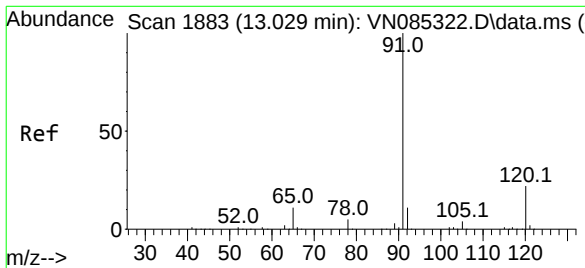
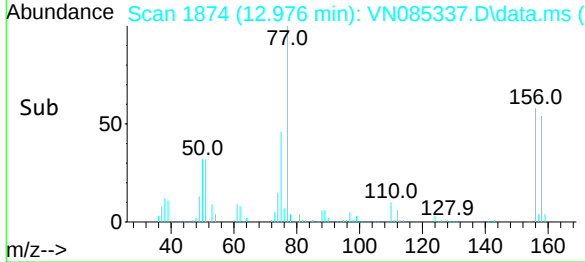
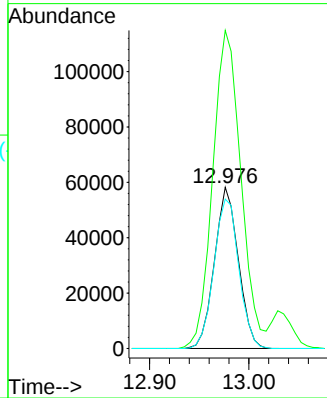
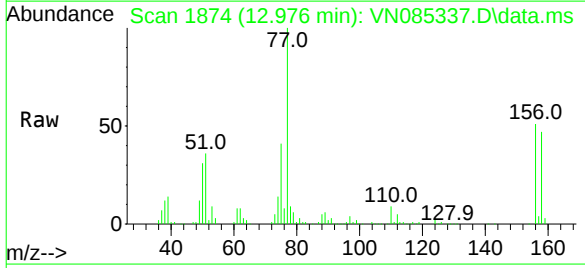
#77
Bromobenzene
Concen: 45.760 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 156 Resp: 97145
Ion Ratio Lower Upper
156 100
77 233.7 114.0 342.0
158 96.8 47.6 142.8

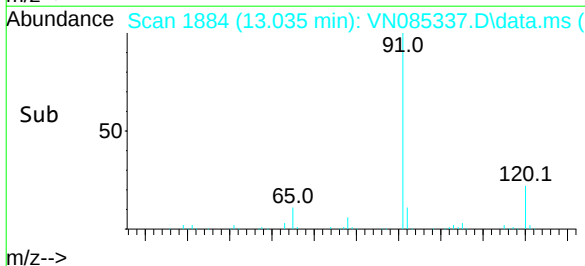
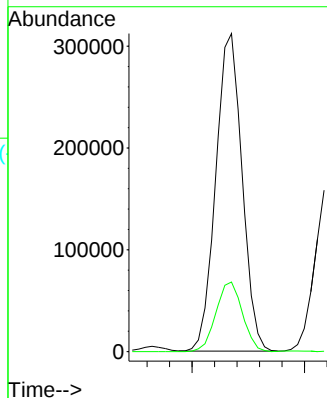
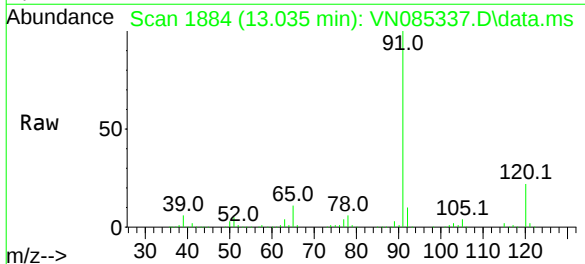
Manual Integrations
APPROVED

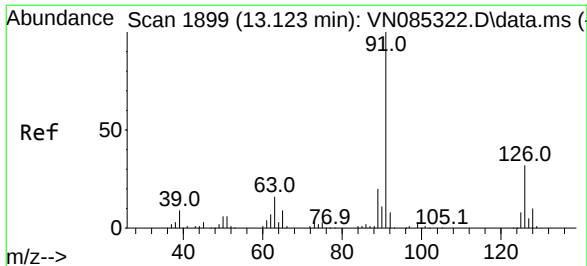
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#78
n-propylbenzene
Concen: 50.717 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion: 91 Resp: 506572
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





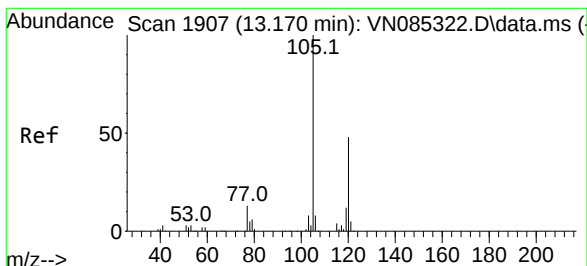
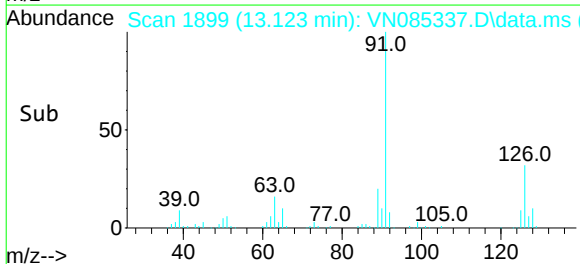
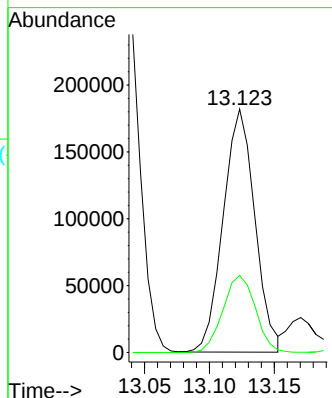
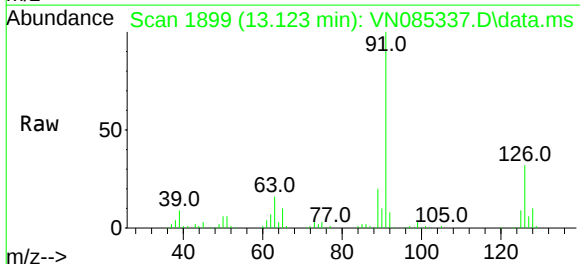
#79
2-Chlorotoluene
Concen: 49.202 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 309290
Ion Ratio Lower Upper
91 100
126 32.4 16.0 48.0

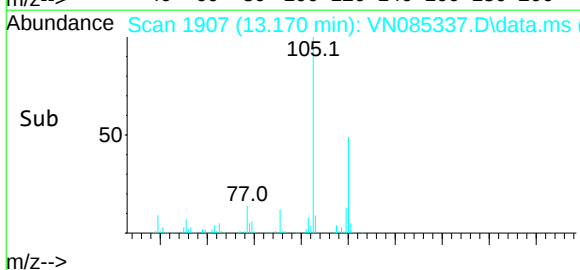
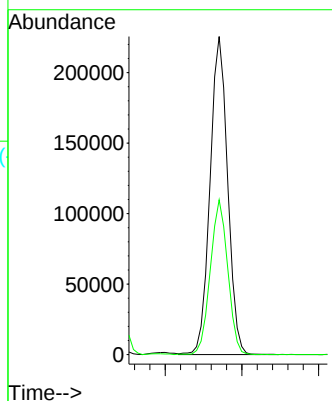
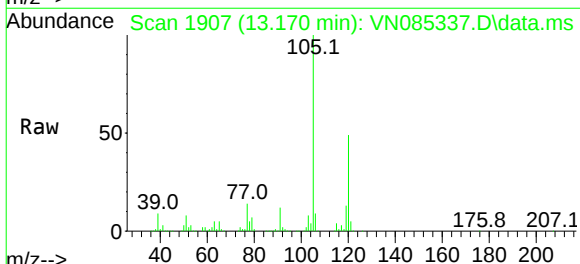
Manual Integrations
APPROVED

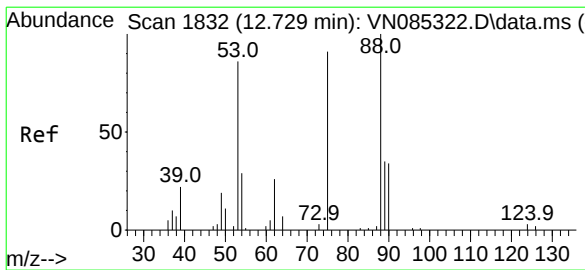
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.871 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion:105 Resp: 359513
Ion Ratio Lower Upper
105 100
120 48.2 24.0 72.0





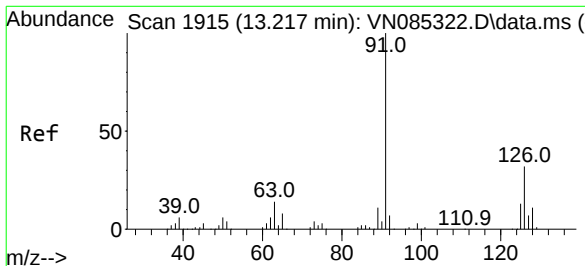
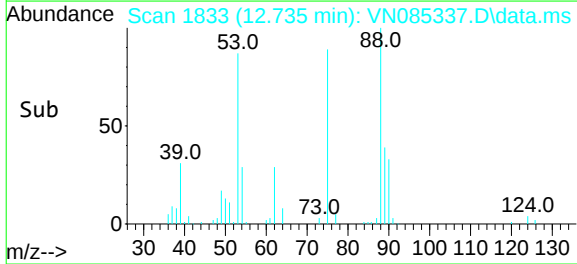
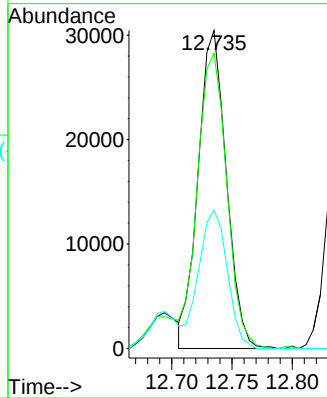
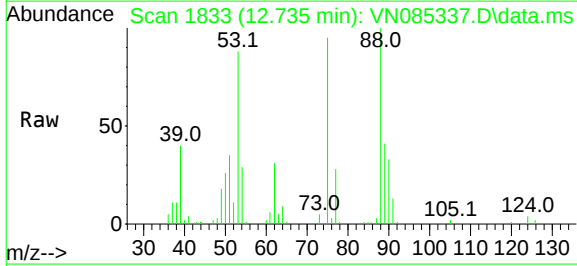
#81
trans-1,4-Dichloro-2-butene
Concen: 53.330 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	107.9	80.0	120.0
89	44.8	35.8	53.8

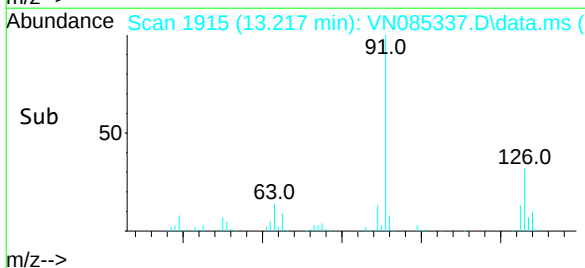
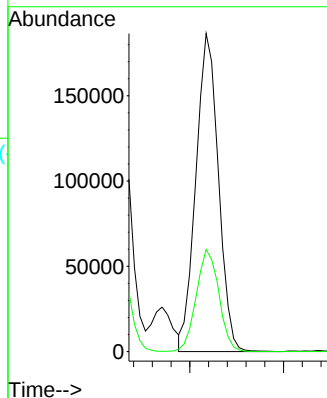
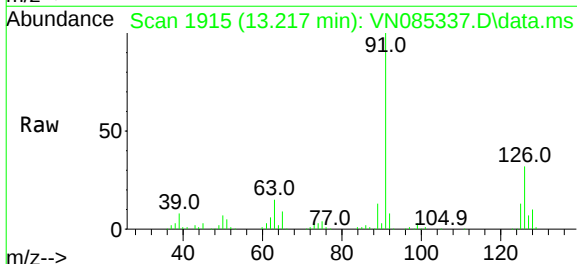
Manual Integrations
APPROVED

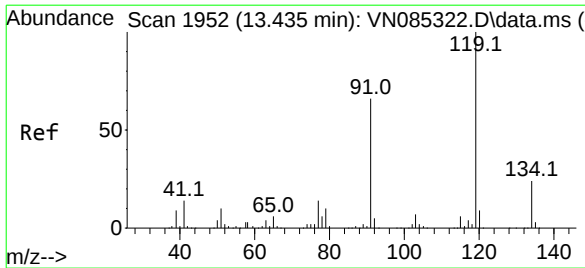
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#82
4-Chlorotoluene
Concen: 49.151 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.4	49.4





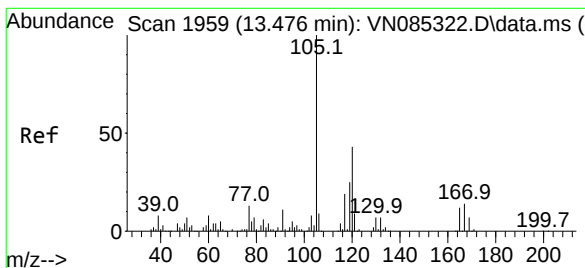
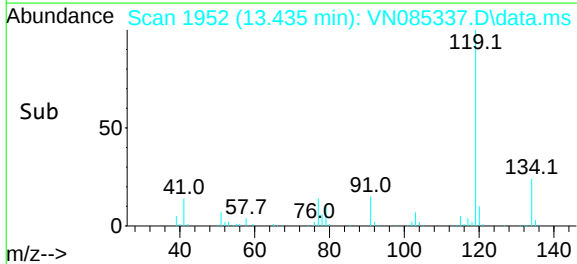
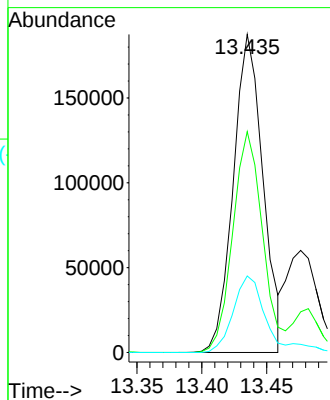
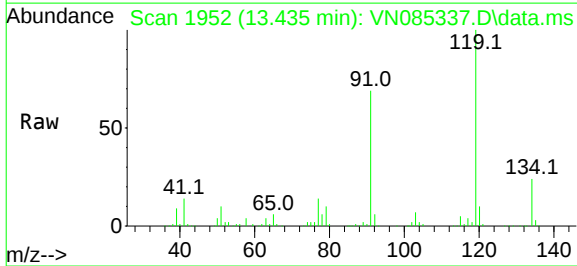
#83
tert-Butylbenzene
Concen: 49.875 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 299444
Ion Ratio Lower Upper
119 100
91 69.8 33.6 100.8
134 26.8 13.3 39.8

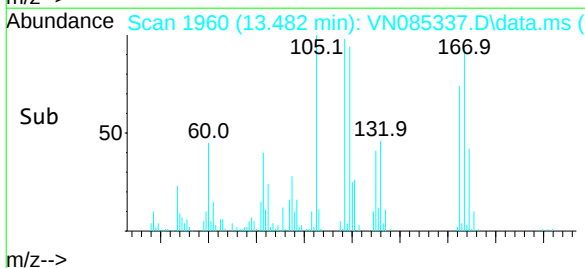
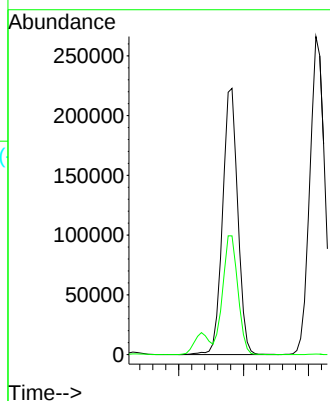
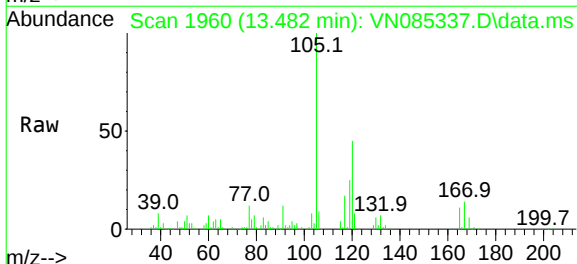
Manual Integrations
APPROVED

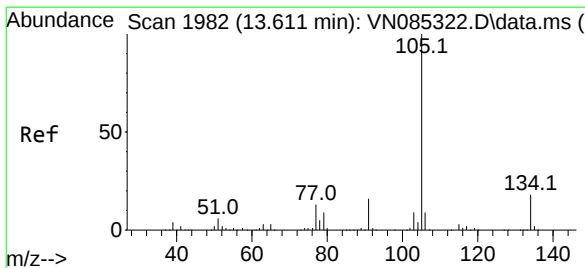
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#84
1,2,4-Trimethylbenzene
Concen: 52.558 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion:105 Resp: 362722
Ion Ratio Lower Upper
105 100
120 44.6 21.7 65.1





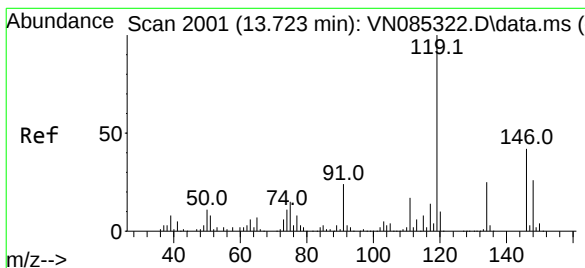
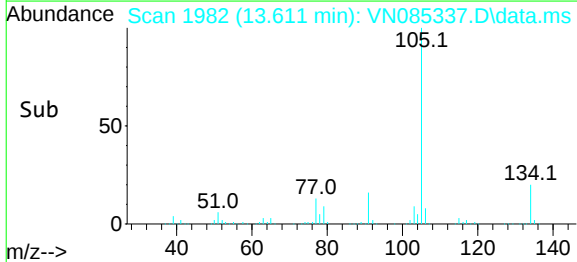
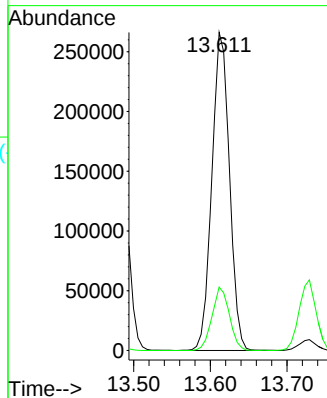
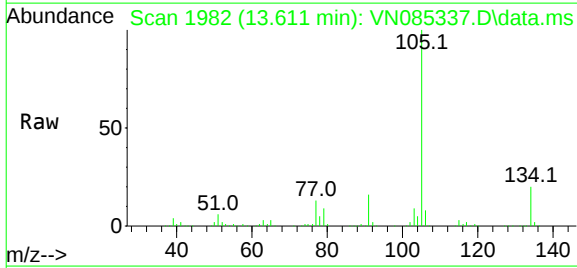
#85
sec-Butylbenzene
Concen: 50.868 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 423924
Ion Ratio Lower Upper
105 100
134 19.6 9.4 28.3

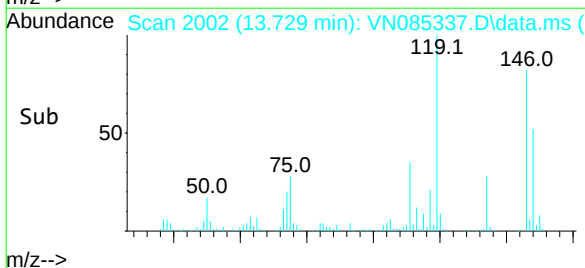
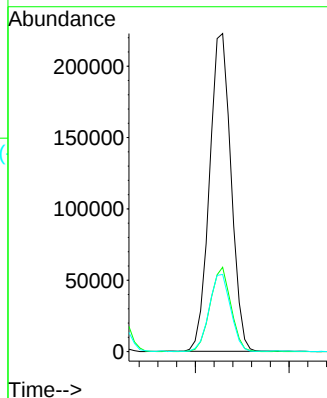
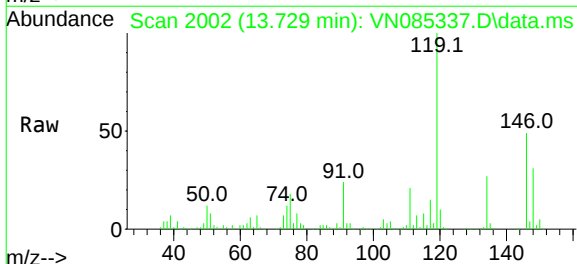
Manual Integrations
APPROVED

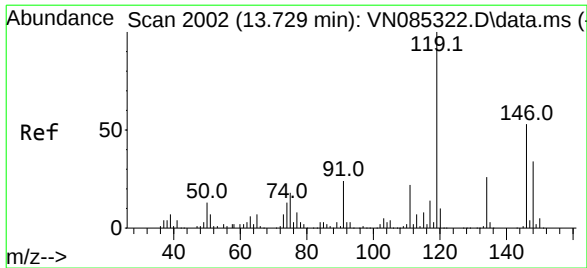
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#86
p-Isopropyltoluene
Concen: 47.752 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

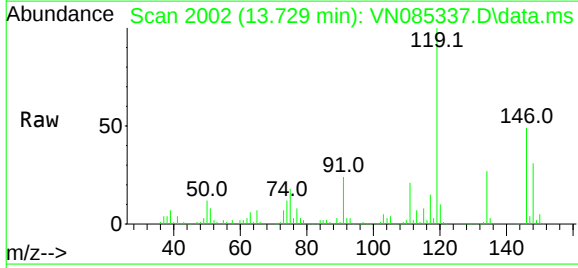
Tgt Ion:119 Resp: 355028
Ion Ratio Lower Upper
119 100
134 25.6 12.5 37.5
91 24.3 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 47.408 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

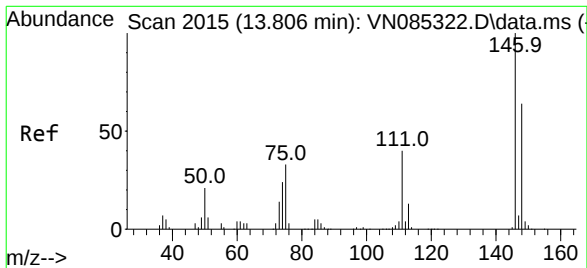
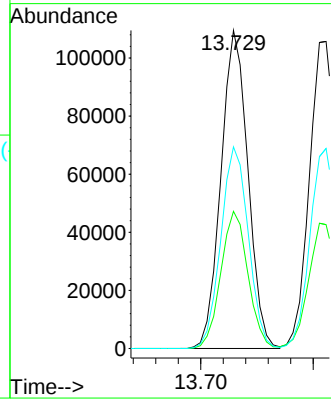
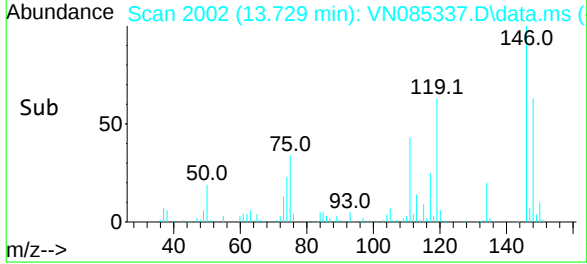
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 182452
Ion Ratio Lower Upper
146 100
111 43.4 21.3 63.9
148 64.7 31.5 94.5

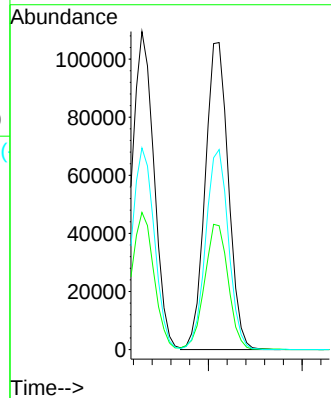
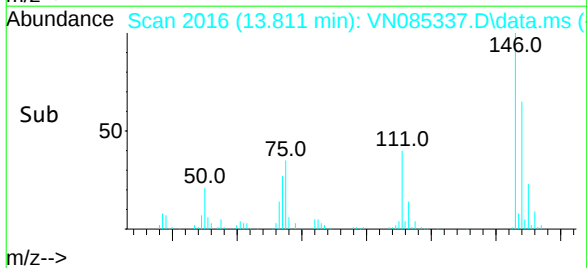
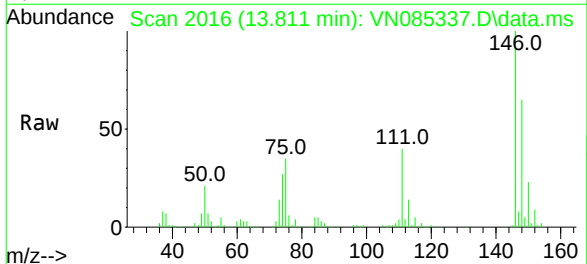
Manual Integrations
APPROVED

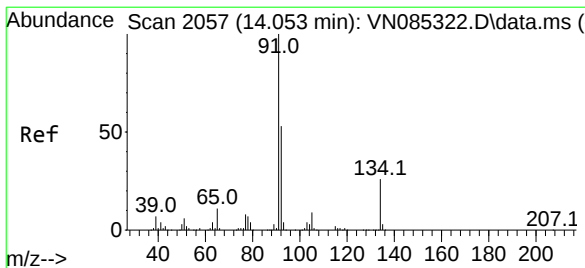
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#88
1,4-Dichlorobenzene
Concen: 46.065 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion:146 Resp: 182104
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.5
148 64.0 31.7 95.1





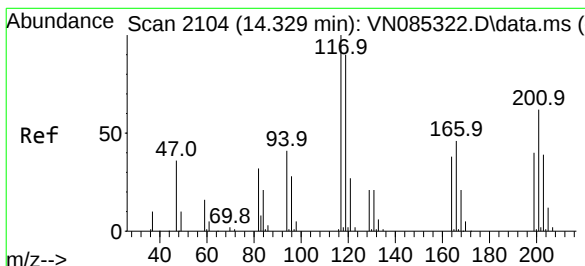
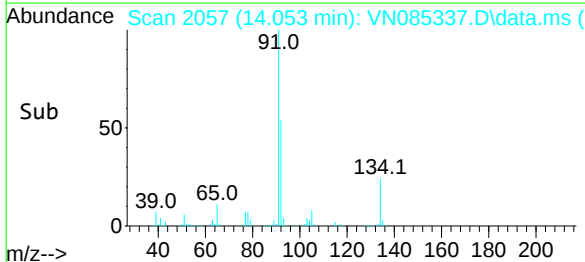
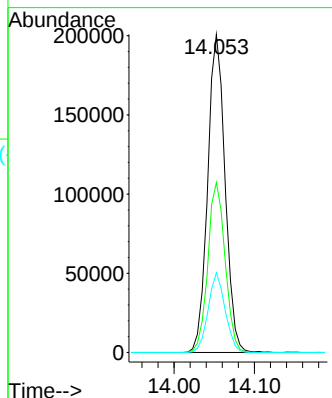
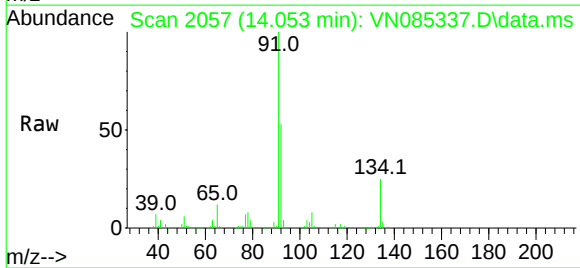
#89
n-Butylbenzene
Concen: 49.458 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 301821
Ion Ratio Lower Upper
91 100
92 53.0 26.0 78.0
134 24.4 12.1 36.3

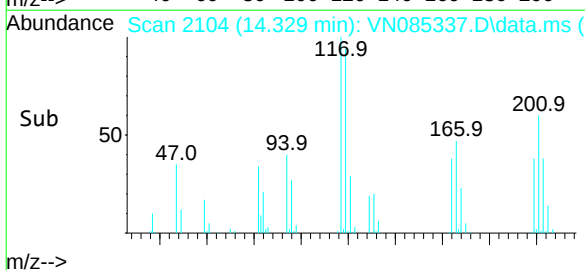
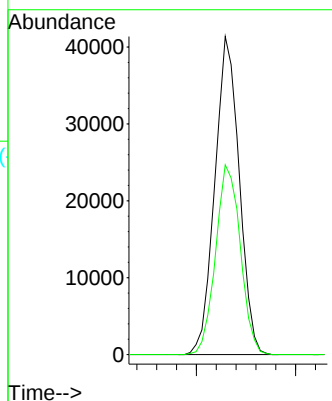
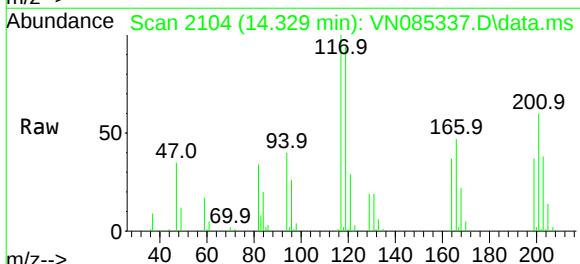
Manual Integrations
APPROVED

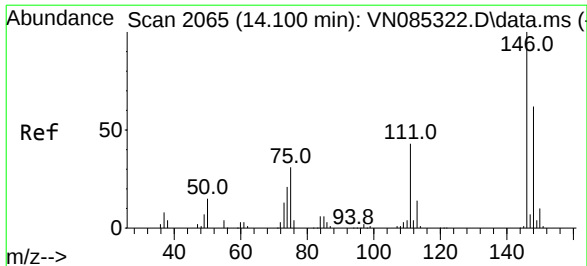
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#90
Hexachloroethane
Concen: 51.745 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

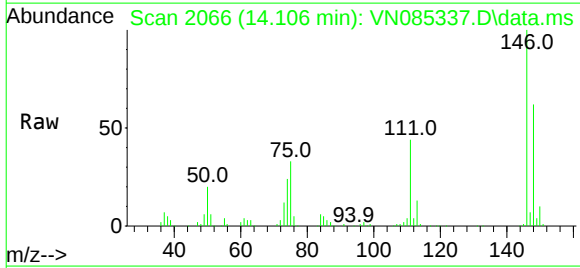
Tgt Ion:117 Resp: 70685
Ion Ratio Lower Upper
117 100
201 60.3 30.7 92.1





#91
1,2-Dichlorobenzene
Concen: 48.719 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

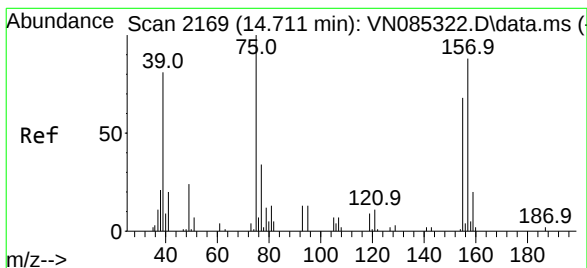
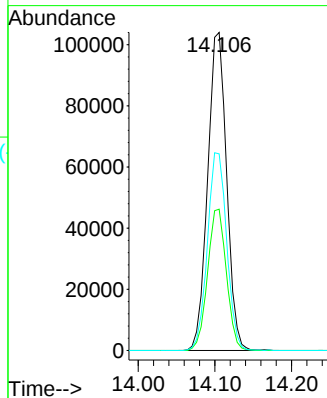
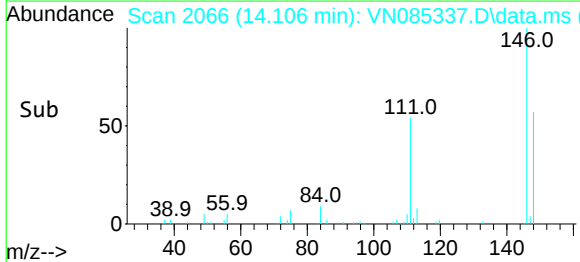
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 178612
Ion Ratio Lower Upper
146 100
111 44.1 21.8 65.3
148 63.2 31.4 94.2

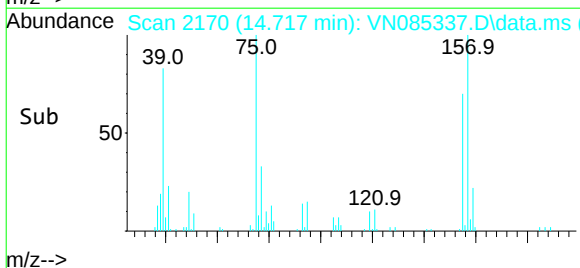
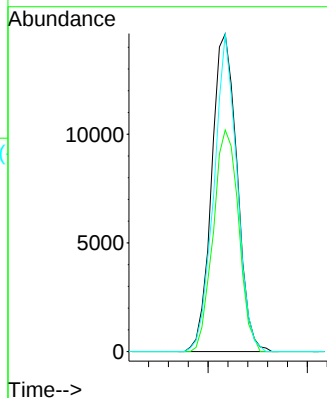
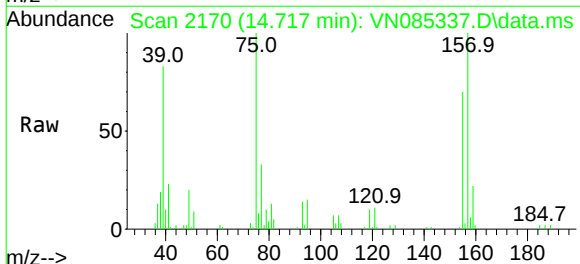
Manual Integrations
APPROVED

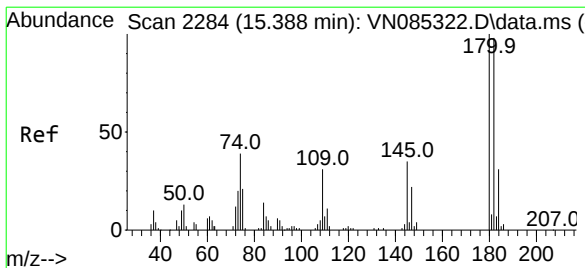
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.475 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085337.D
Acq: 27 Dec 2024 19:54

Tgt Ion: 75 Resp: 25973
Ion Ratio Lower Upper
75 100
155 69.8 35.6 106.9
157 90.6 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 46.223 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

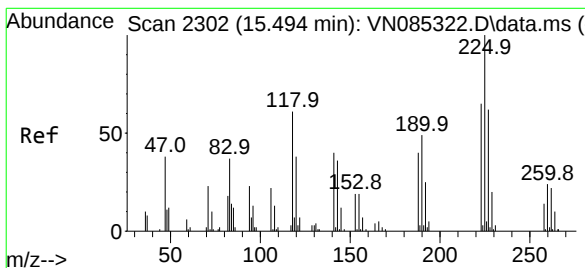
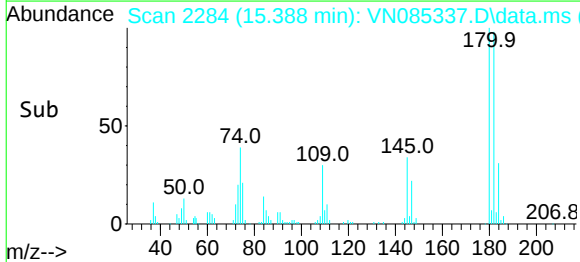
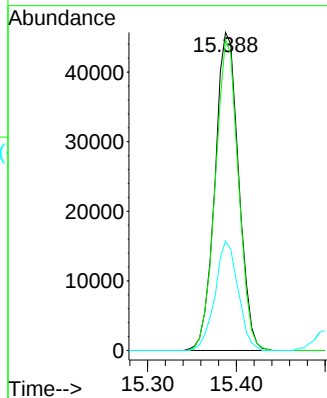
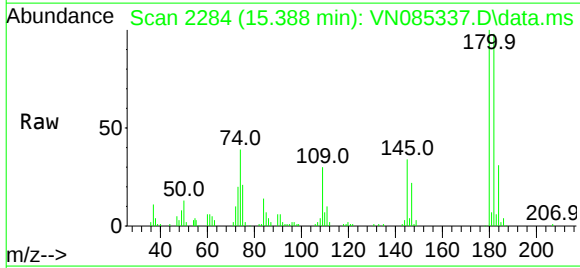
Tgt Ion:	180	Resp:	84575
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.2	141.6
145	33.5	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#94

Hexachlorobutadiene

Concen: 40.840 ug/l

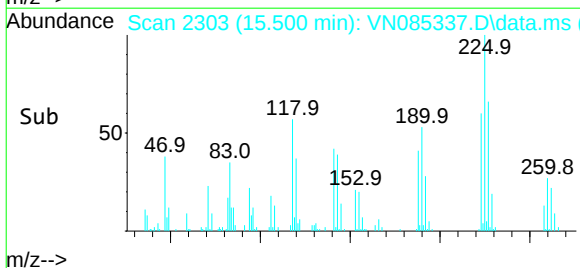
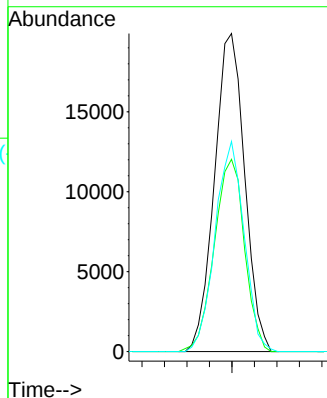
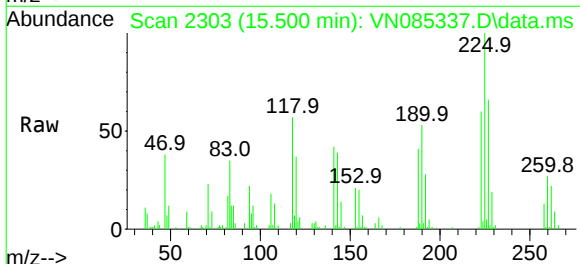
RT: 15.500 min Scan# 2303

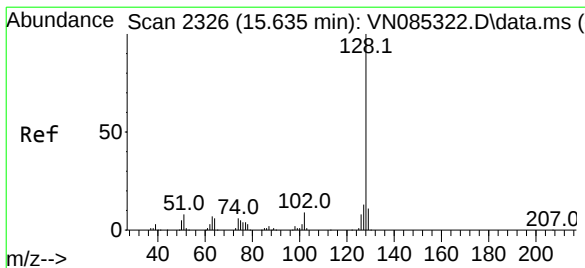
Delta R.T. 0.006 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

Tgt Ion:	225	Resp:	37128
Ion Ratio	Lower	Upper	
225	100		
223	60.4	31.6	94.7
227	63.3	30.3	91.0





#95

Naphthalene

Concen: 46.923 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

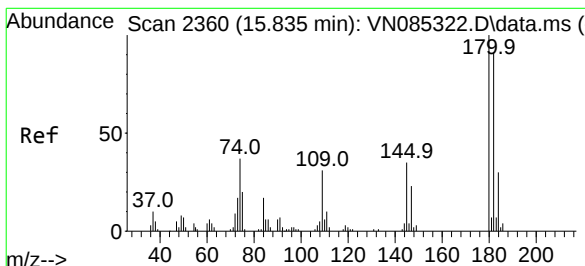
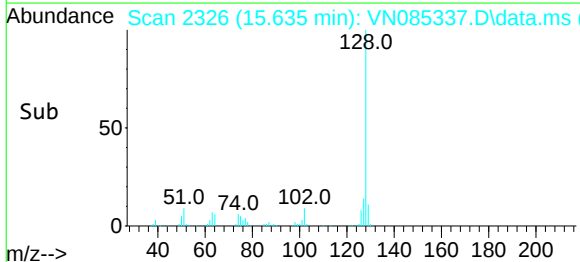
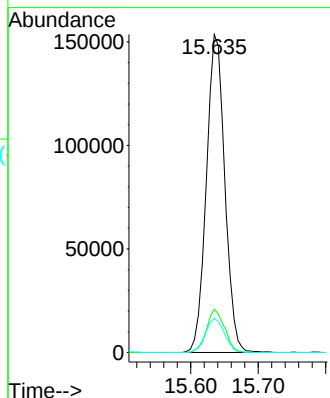
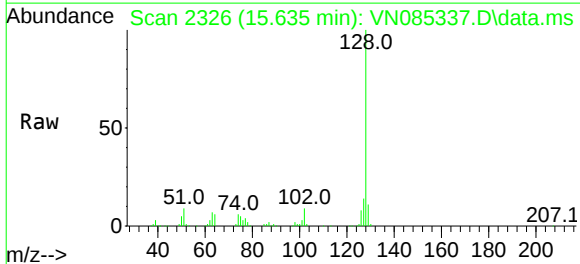
Tgt Ion:	128	Resp:	291136
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.9	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#96

1,2,3-Trichlorobenzene

Concen: 46.357 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085337.D

Acq: 27 Dec 2024 19:54

Tgt Ion:	180	Resp:	84747
Ion	Ratio	Lower	Upper
180	100		
182	90.2	46.8	140.4
145	33.4	17.2	51.6

