

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085358.D
 Acq On : 30 Dec 2024 20:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 31 02:20:36 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	159448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122697	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121354	53.362	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.720%
35) Dibromofluoromethane	8.165	113	93479	53.262	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.520%
50) Toluene-d8	10.565	98	335532	52.098	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.200%
62) 4-Bromofluorobenzene	12.847	95	120746	56.452	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	107220	49.721	ug/l	97
3) Chloromethane	2.359	50	113598	46.870	ug/l	98
4) Vinyl Chloride	2.512	62	114795	44.786	ug/l	96
5) Bromomethane	2.948	94	66667	39.769	ug/l	98
6) Chloroethane	3.112	64	71787	44.162	ug/l	95
7) Trichlorofluoromethane	3.495	101	156124	46.335	ug/l	98
8) Diethyl Ether	3.959	74	57720	51.737	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	88304	46.058	ug/l	98
10) Methyl Iodide	4.583	142	112685	50.789	ug/l	94
11) Tert butyl alcohol	5.524	59	89106	312.900	ug/l	97
12) 1,1-Dichloroethene	4.342	96	84722	47.815	ug/l	96
13) Acrolein	4.171	56	133418	300.503	ug/l	99
14) Allyl chloride	5.018	41	136644	48.185	ug/l	99
15) Acrylonitrile	5.718	53	269595	300.789	ug/l	99
16) Acetone	4.424	43	228082	304.999	ug/l	99
17) Carbon Disulfide	4.706	76	235180	43.630	ug/l	99
18) Methyl Acetate	5.018	43	139069	60.743	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	303617	52.719	ug/l	99
20) Methylene Chloride	5.271	84	101263	50.344	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	88118	47.607	ug/l	97
22) Diisopropyl ether	6.671	45	329769	53.964	ug/l	97
23) Vinyl Acetate	6.600	43	1259620	284.931	ug/l	100
24) 1,1-Dichloroethane	6.565	63	186882	50.767	ug/l	99
25) 2-Butanone	7.483	43	361037	311.197	ug/l	99
26) 2,2-Dichloropropane	7.489	77	138342	42.895	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	108128	49.772	ug/l	96
28) Bromochloromethane	7.812	49	93462	54.634	ug/l #	99
29) Tetrahydrofuran	7.836	42	241756	323.501	ug/l	98
30) Chloroform	7.965	83	186684	49.571	ug/l	100
31) Cyclohexane	8.259	56	146933	43.712	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	161756	48.094	ug/l	97
36) 1,1-Dichloropropene	8.371	75	124366	48.397	ug/l	99
37) Ethyl Acetate	7.559	43	146673	57.425	ug/l	99
38) Carbon Tetrachloride	8.359	117	140361	50.111	ug/l	99
39) Methylcyclohexane	9.600	83	124935	46.859	ug/l	96
40) Benzene	8.606	78	399133	51.373	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	83168	63.580	ug/l	97
42) 1,2-Dichloroethane	8.671	62	143145	51.388	ug/l	100
43) Isopropyl Acetate	8.688	43	246348	58.575	ug/l	98
44) Trichloroethene	9.353	130	87724	47.691	ug/l	100
45) 1,2-Dichloropropane	9.618	63	103061	52.254	ug/l	98
46) Dibromomethane	9.706	93	70326	51.270	ug/l	97
47) Bromodichloromethane	9.888	83	149448	52.421	ug/l	99
48) Methyl methacrylate	9.677	41	113295	62.083	ug/l	98
49) 1,4-Dioxane	9.694	88	39898	1449.054	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	763419	323.011	ug/l	100
52) Toluene	10.629	92	239723	51.819	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	147999	52.788	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	159514	52.615	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	92188	52.781	ug/l	99
56) Ethyl methacrylate	10.871	69	156810	61.645	ug/l	97
57) 1,3-Dichloropropane	11.159	76	164931	53.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	369870	300.533	ug/l	99
59) 2-Hexanone	11.194	43	562311	342.921	ug/l	100
60) Dibromochloromethane	11.359	129	108944	55.379	ug/l	99
61) 1,2-Dibromoethane	11.471	107	93616	54.177	ug/l	100
64) Tetrachloroethene	11.100	164	74496	46.549	ug/l	95
65) Chlorobenzene	11.888	112	260477	47.724	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	92282	50.377	ug/l	99
67) Ethyl Benzene	11.959	91	460926	50.780	ug/l	98
68) m/p-Xylenes	12.071	106	347456	104.600	ug/l	99
69) o-Xylene	12.394	106	167611	52.160	ug/l	96
70) Styrene	12.412	104	288119	55.323	ug/l	99
71) Bromoform	12.576	173	71804	56.594	ug/l #	99
73) Isopropylbenzene	12.694	105	423564	48.006	ug/l	100
74) N-ethyl acetate	12.494	43	219782	58.194	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	145408	51.745	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	117686m	51.364	ug/l	
77) Bromobenzene	12.976	156	101496	46.430	ug/l	96
78) n-propylbenzene	13.035	91	511108	49.695	ug/l	99
79) 2-Chlorotoluene	13.123	91	310263	47.933	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	356920	50.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	49818m	52.071	ug/l	
82) 4-Chlorotoluene	13.218	91	314547	48.250	ug/l	100
83) tert-Butylbenzene	13.435	119	312437	50.538	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	363664	51.174	ug/l	98
85) sec-Butylbenzene	13.612	105	421677	49.139	ug/l	99
86) p-Isopropyltoluene	13.729	119	347135	45.475	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	189159	47.733	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	190348	46.761	ug/l	99
89) n-Butylbenzene	14.053	91	302168	48.086	ug/l	99
90) Hexachloroethane	14.329	117	69337	49.294	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	184153	48.782	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27694	55.374	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	90598	48.087	ug/l	98
94) Hexachlorobutadiene	15.500	225	37751	40.328	ug/l	99
95) Naphthalene	15.641	128	308110	48.227	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	89577	47.585	ug/l	98

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

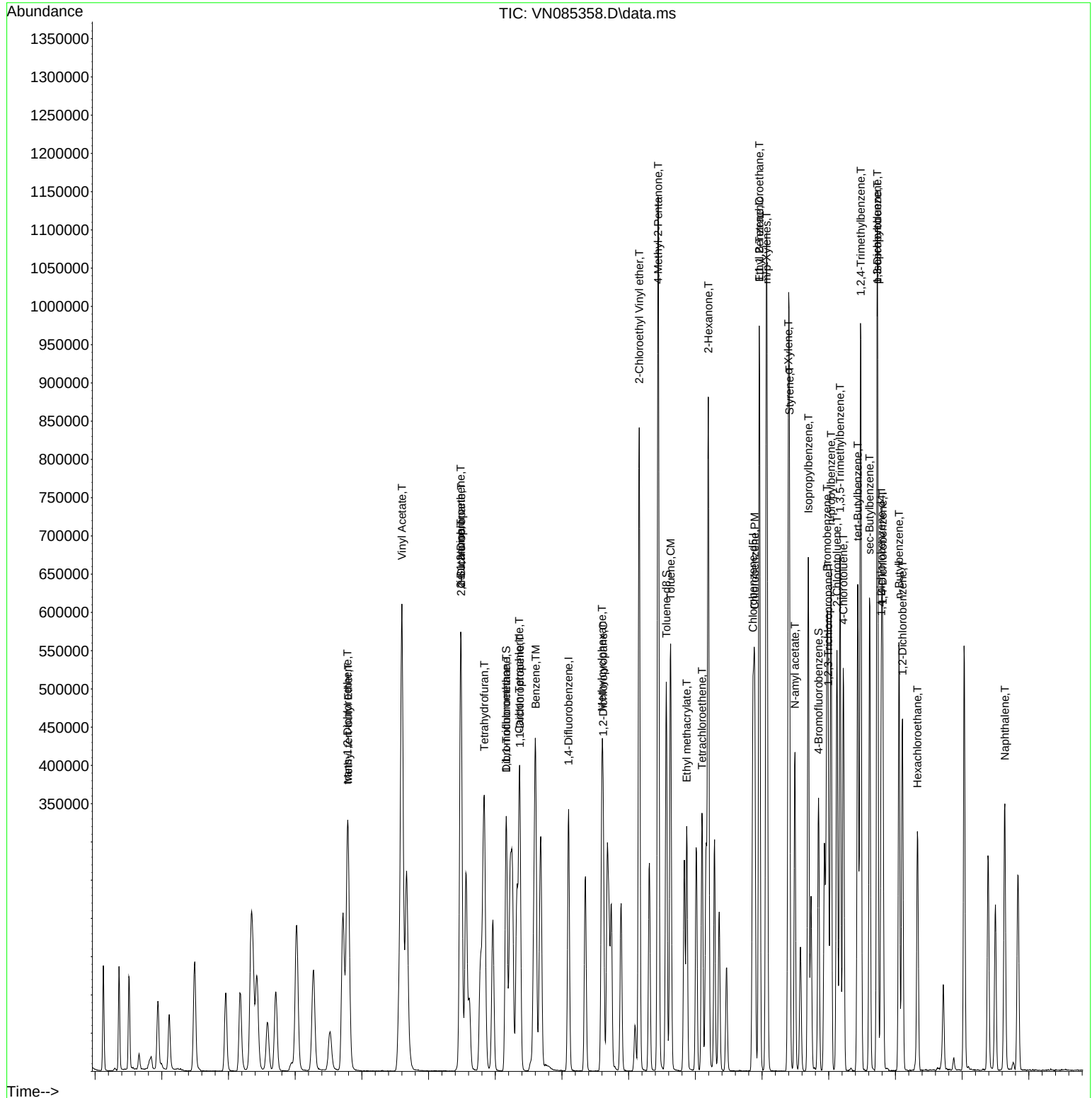
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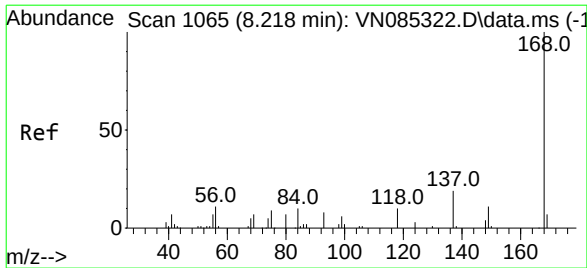
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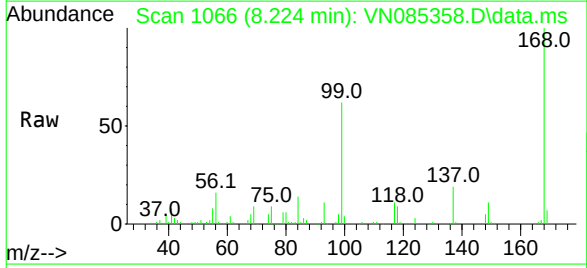
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085358.D
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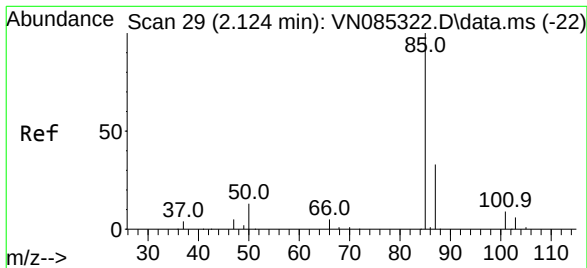
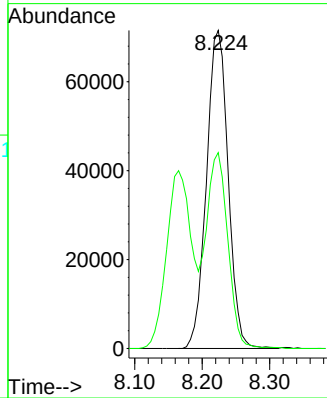
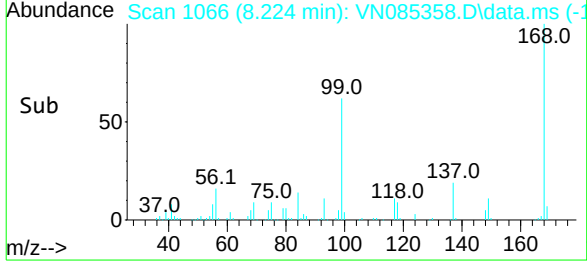
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 159448
Ion Ratio Lower Upper
168 100
99 61.3 51.0 76.4

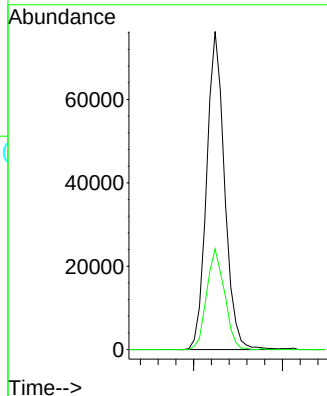
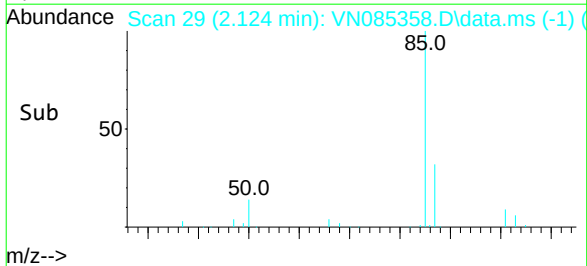
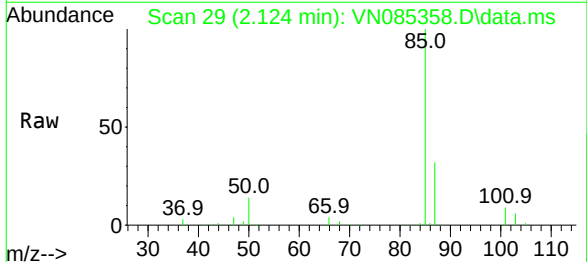
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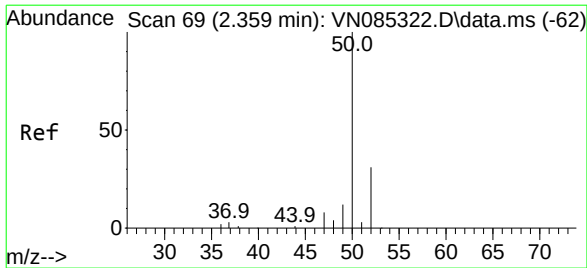
Reviewed By :John Carlone 12/31/2024
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#2
Dichlorodifluoromethane
Concen: 49.721 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

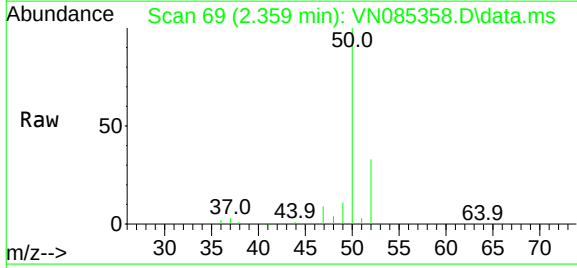
Tgt Ion: 85 Resp: 107220
Ion Ratio Lower Upper
85 100
87 31.7 16.8 50.3





#3
Chloromethane
Concen: 46.870 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

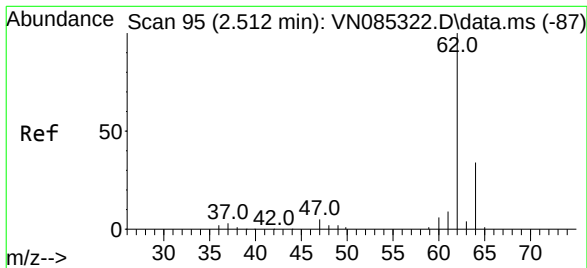
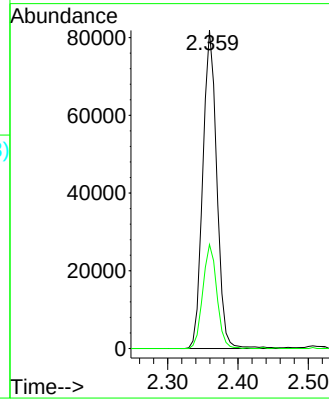
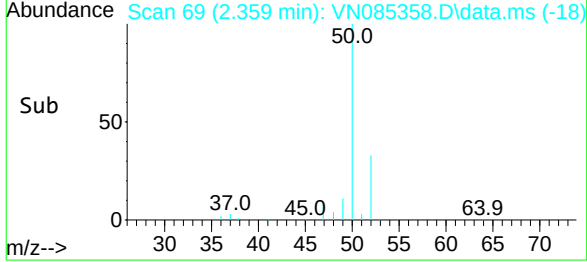
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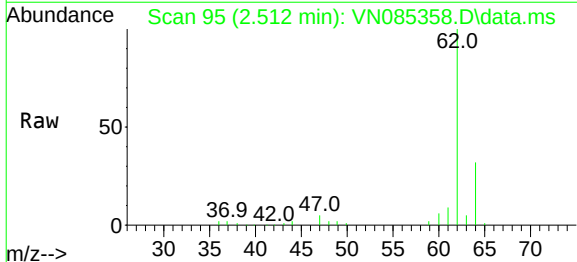
Tgt Ion: 50 Resp: 113598
Ion Ratio Lower Upper
50 100
52 32.7 25.1 37.7

Manual Integrations
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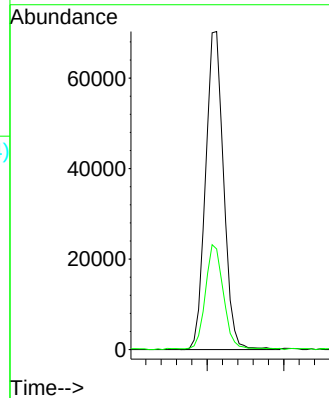
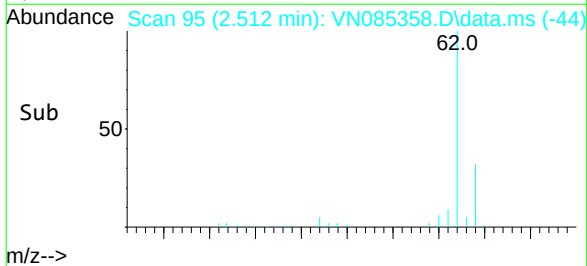
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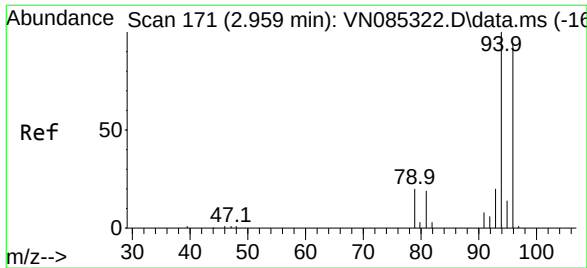


#4
Vinyl Chloride
Concen: 44.786 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27



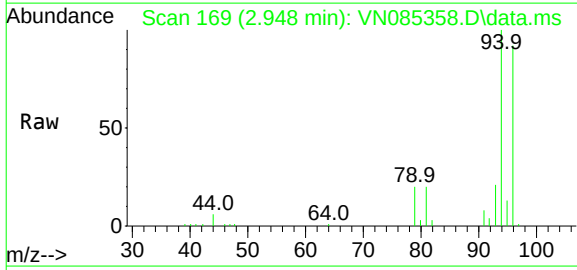
Tgt Ion: 62 Resp: 114795
Ion Ratio Lower Upper
62 100
64 31.4 27.0 40.6





#5
Bromomethane
Concen: 39.769 ug/l
RT: 2.948 min Scan# 16
Delta R.T. -0.012 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

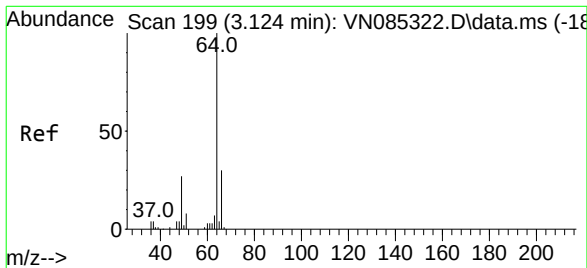
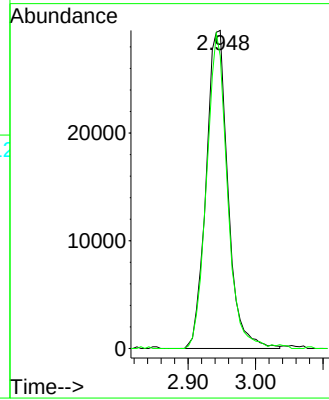
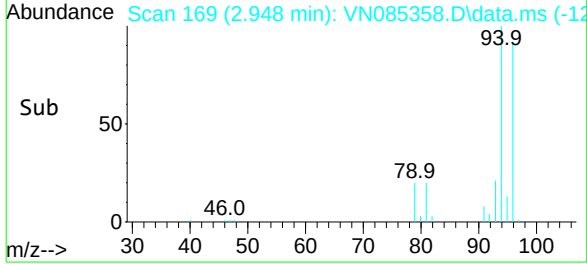
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Tgt Ion: 94 Resp: 66667
Ion Ratio Lower Upper
94 100
96 92.0 75.2 112.8

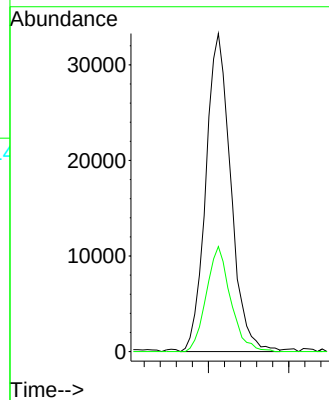
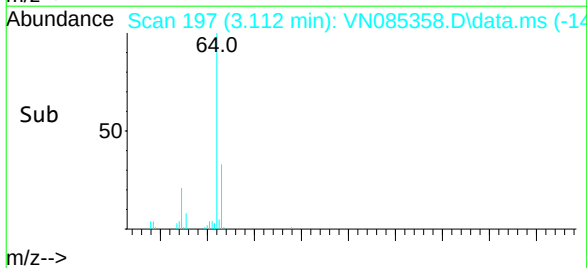
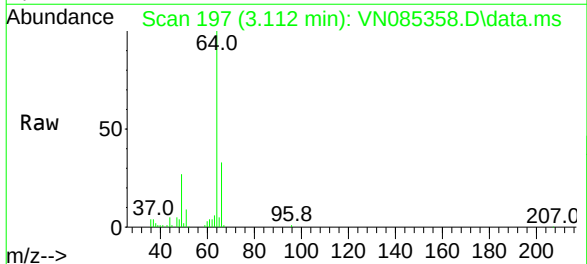
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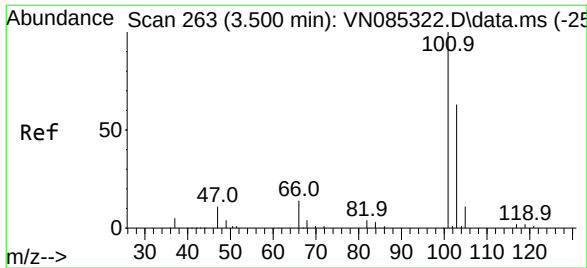
Reviewed By :John Carlone 12/31/2024
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#6
Chloroethane
Concen: 44.162 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

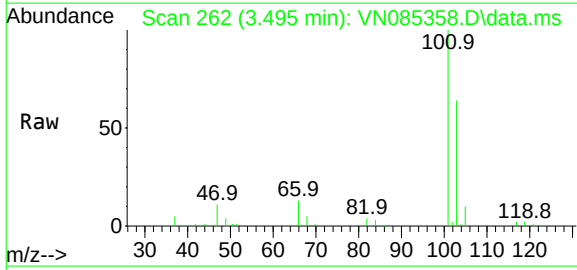
Tgt Ion: 64 Resp: 71787
Ion Ratio Lower Upper
64 100
66 33.0 24.1 36.1





#7
 Trichlorofluoromethane
 Concen: 46.335 ug/l
 RT: 3.495 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN085358.D
 Acq: 30 Dec 2024 20:27

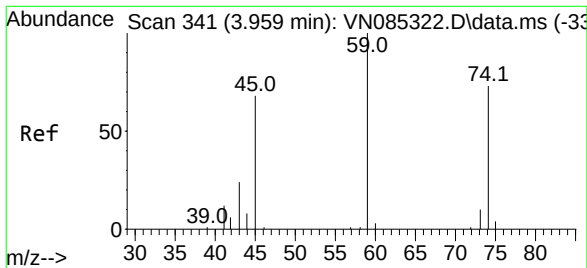
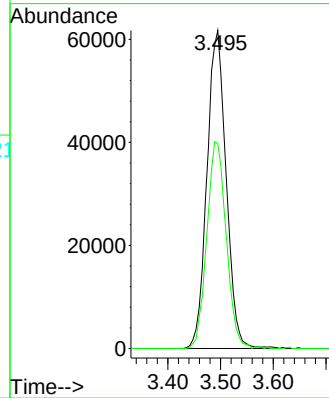
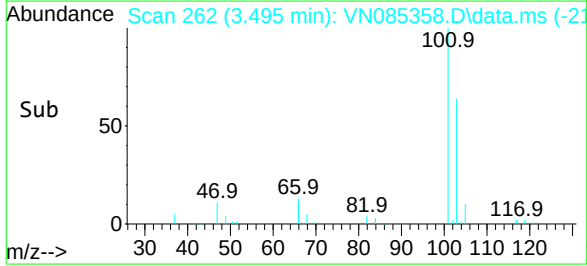
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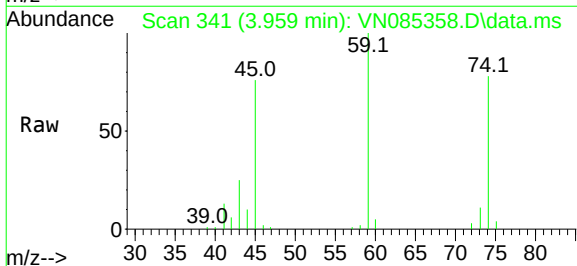
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 Ion Ratio Lower Upper
 101 100
 103 64.4 50.3 75.5

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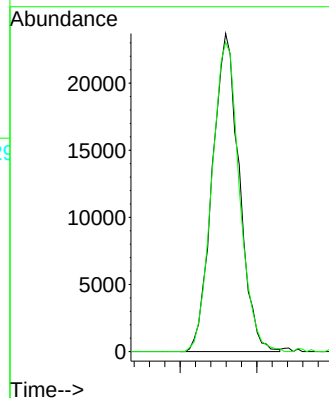
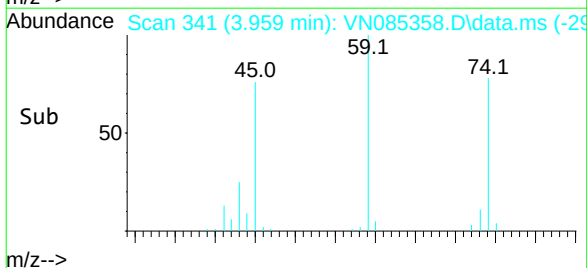
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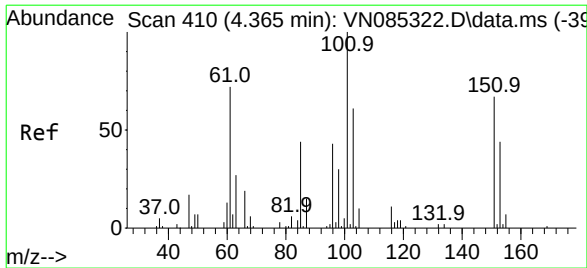


#8
 Diethyl Ether
 Concen: 51.737 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085358.D
 Acq: 30 Dec 2024 20:27



Tgt Ion: 74 Resp: 57720
 Ion Ratio Lower Upper
 74 100
 45 99.6 47.5 142.6





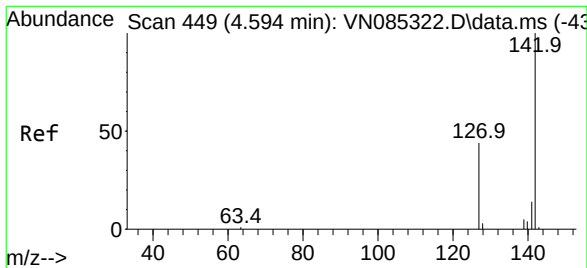
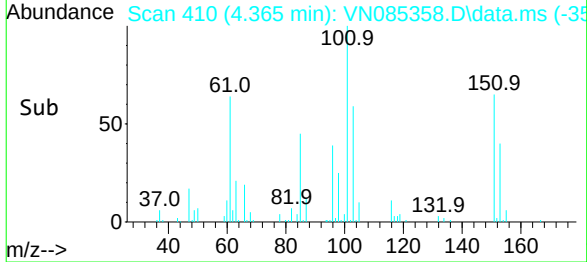
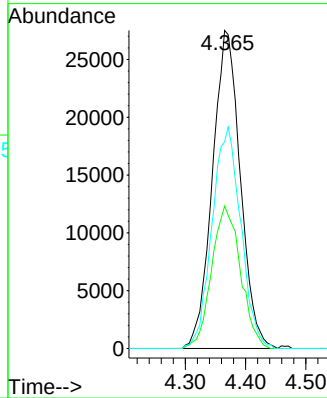
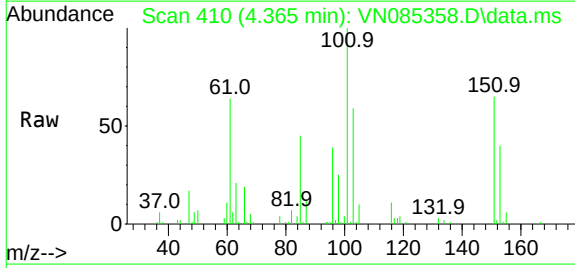
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.058 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	101	Resp:	88304
Ion Ratio	Lower	Upper	
101	100		
85	46.4	36.2	54.4
151	71.9	55.8	83.6

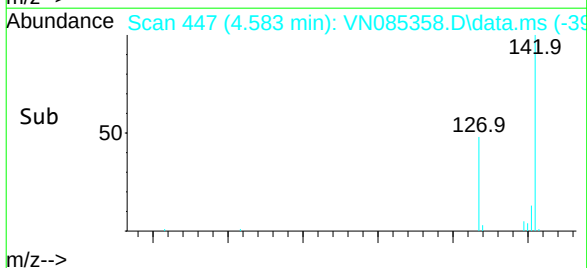
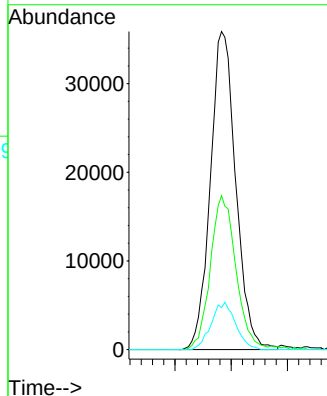
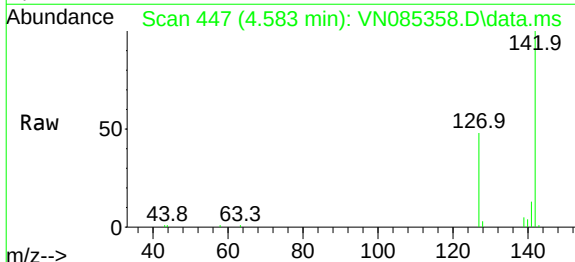
Manual Integrations
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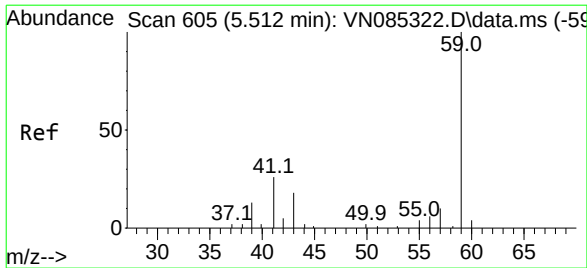
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#10
Methyl Iodide
Concen: 50.789 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion:	142	Resp:	112685
Ion Ratio	Lower	Upper	
142	100		
127	48.4	35.3	52.9
141	13.2	11.5	17.3





#11

Tert butyl alcohol

Concen: 312.900 ug/l

RT: 5.524 min Scan# 605

Delta R.T. 0.012 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 89106

Ion Ratio Lower Upper

59 100

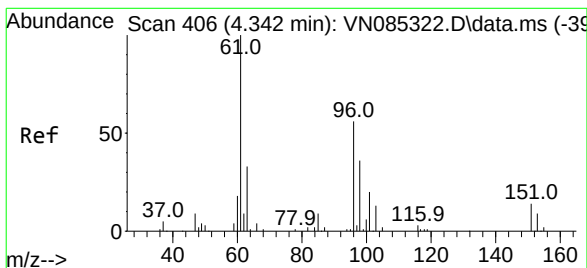
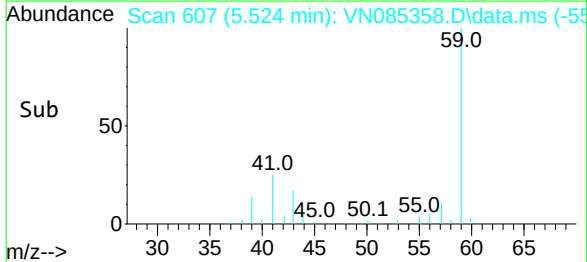
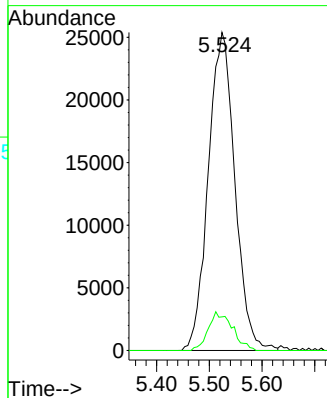
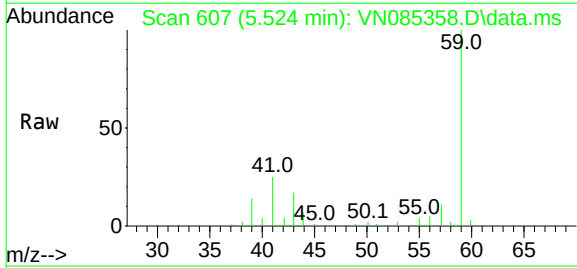
57 11.0 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#12

1,1-Dichloroethene

Concen: 47.815 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

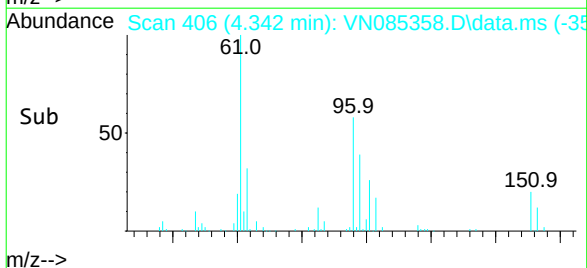
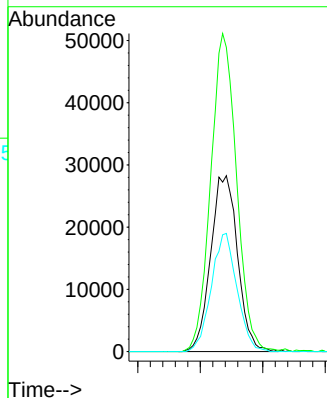
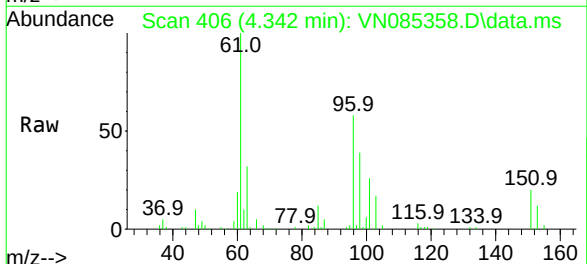
Tgt Ion: 96 Resp: 84722

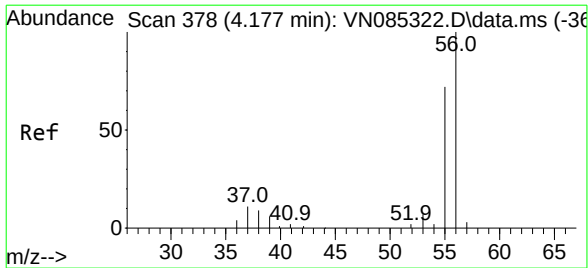
Ion Ratio Lower Upper

96 100

61 173.0 142.4 213.6

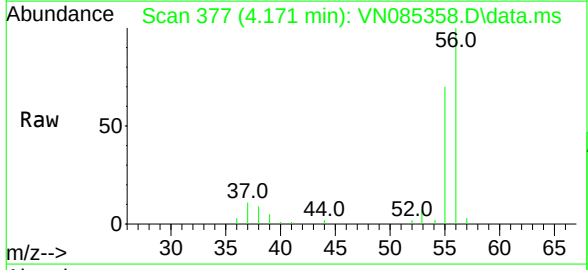
98 67.2 51.5 77.3





#13
 Acrolein
 Concen: 300.503 ug/l
 RT: 4.171 min Scan# 37
 Delta R.T. -0.006 min
 Lab File: VN085358.D
 Acq: 30 Dec 2024 20:27

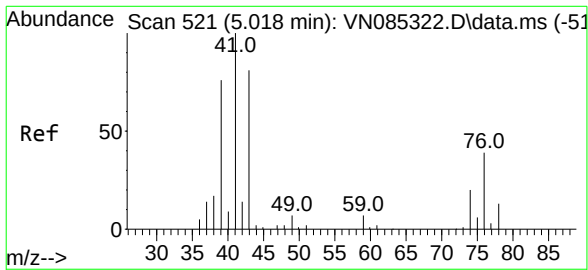
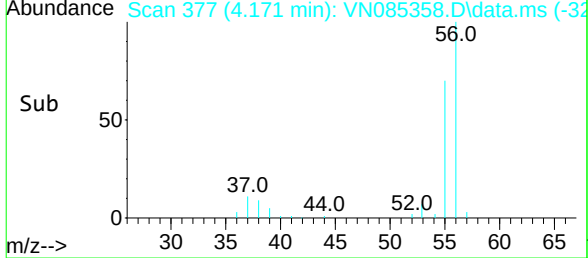
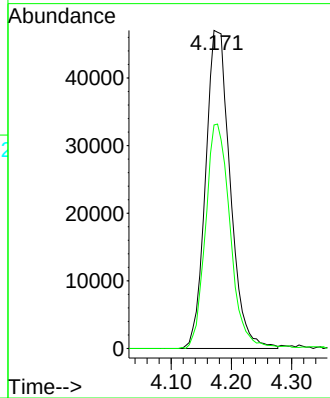
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 56 Resp: 133418
 Ion Ratio Lower Upper
 56 100
 55 70.7 57.5 86.3

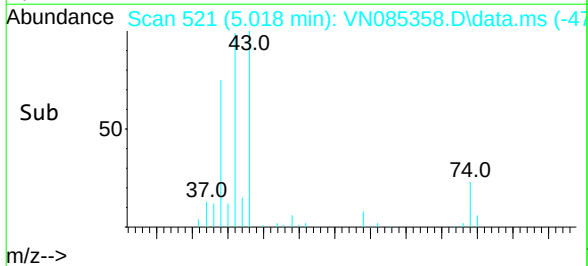
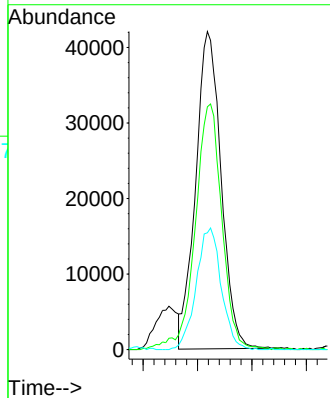
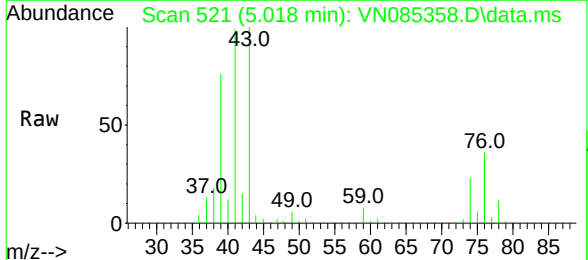
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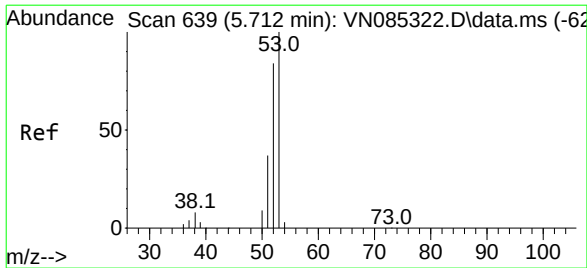
Reviewed By :John Carlone 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024



#14
 Allyl chloride
 Concen: 48.185 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: VN085358.D
 Acq: 30 Dec 2024 20:27

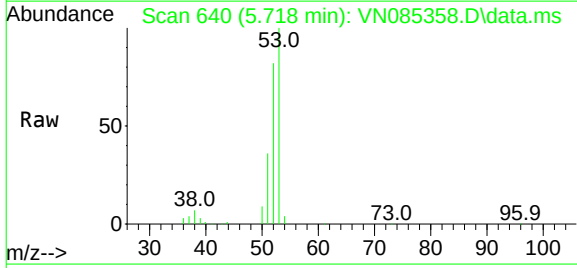
Tgt Ion: 41 Resp: 136644
 Ion Ratio Lower Upper
 41 100
 39 80.9 64.4 96.6
 76 37.7 31.5 47.3





#15
Acrylonitrile
Concen: 300.789 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

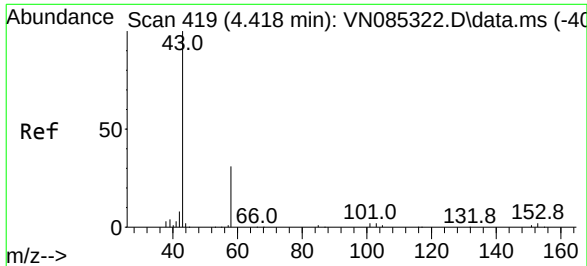
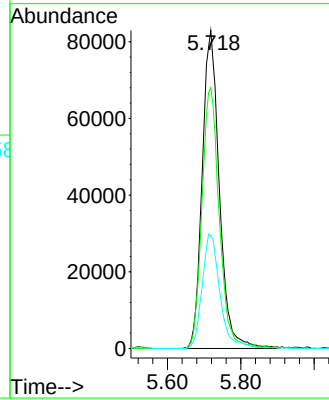
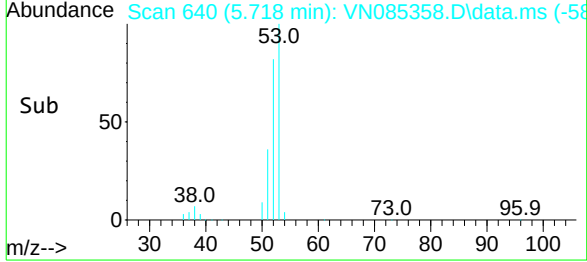
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 269595
Ion Ratio Lower Upper
53 100
52 82.4 66.6 100.0
51 37.4 29.6 44.4

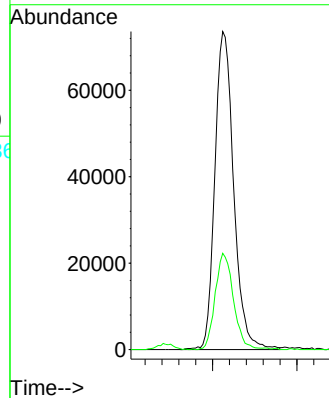
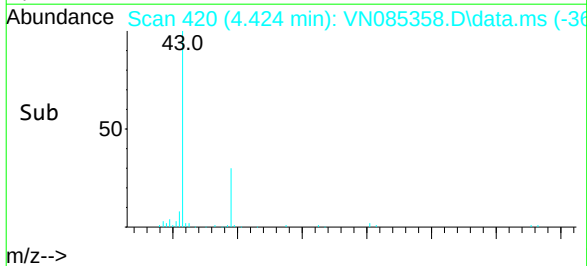
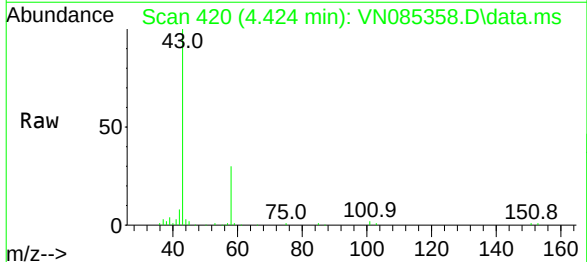
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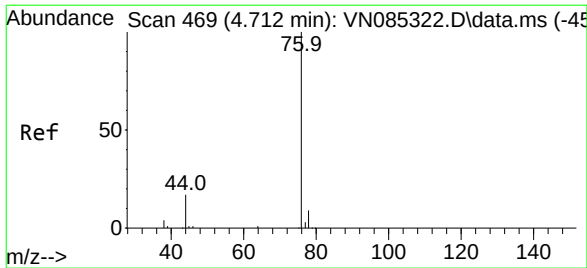
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#16
Acetone
Concen: 304.999 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

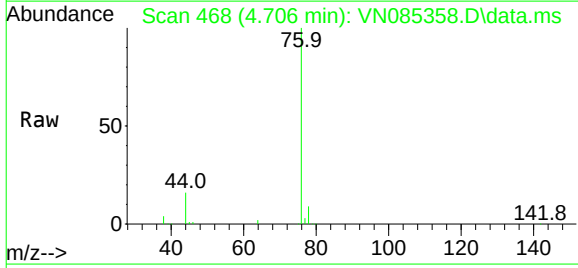
Tgt Ion: 43 Resp: 228082
Ion Ratio Lower Upper
43 100
58 30.3 24.5 36.7





#17
Carbon Disulfide
Concen: 43.630 ug/l
RT: 4.706 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

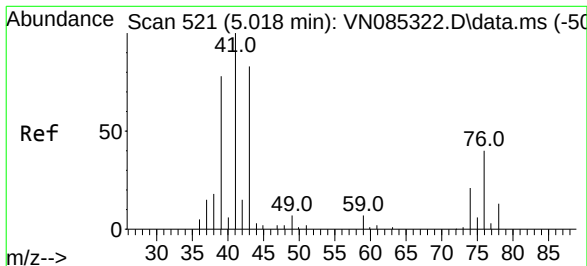
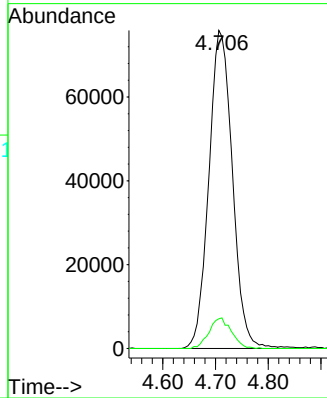
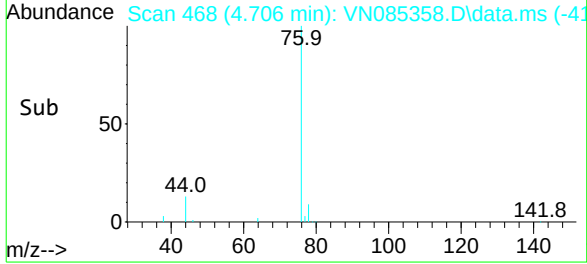
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 235180
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

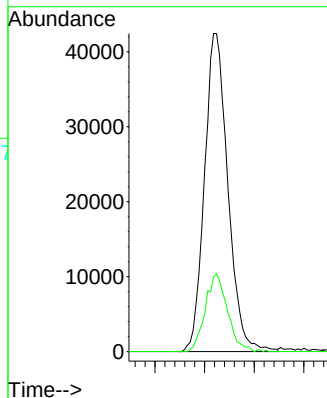
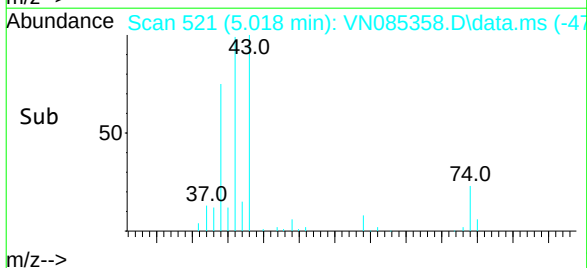
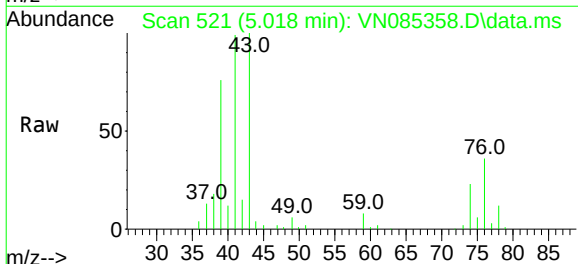
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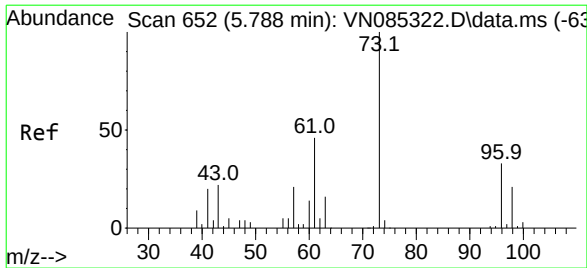
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#18
Methyl Acetate
Concen: 60.743 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion: 43 Resp: 139069
Ion Ratio Lower Upper
43 100
74 23.0 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 52.719 ug/l

RT: 5.795 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 303617

Ion Ratio Lower Upper

73 100

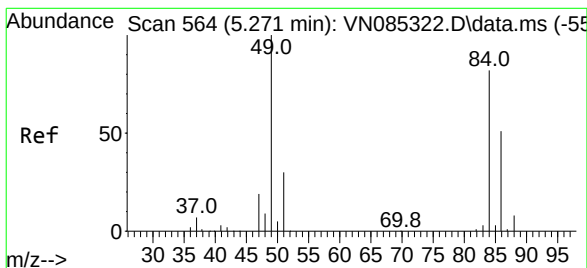
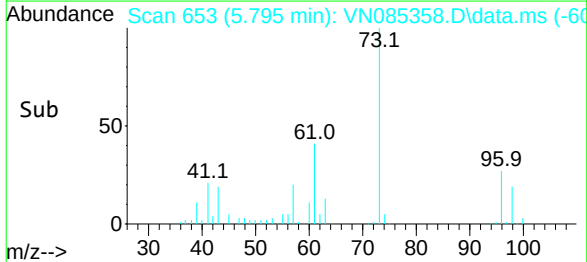
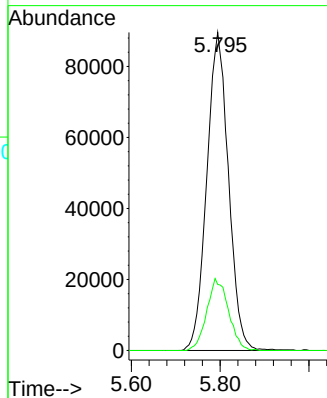
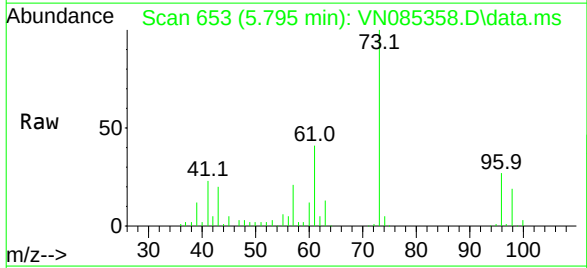
57 20.8 17.0 25.6

Manual Integrations

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Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#20

Methylene Chloride

Concen: 50.344 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

Tgt Ion: 84 Resp: 101263

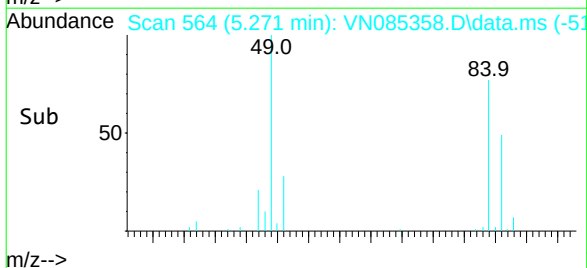
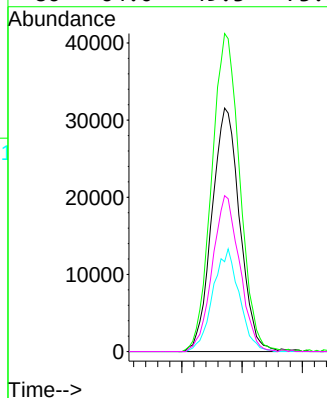
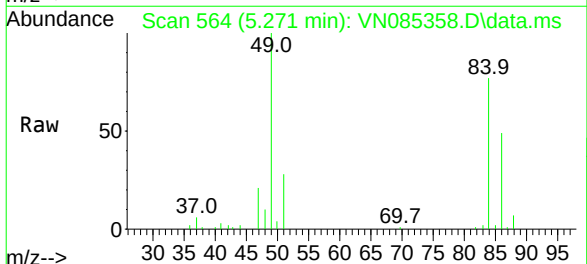
Ion Ratio Lower Upper

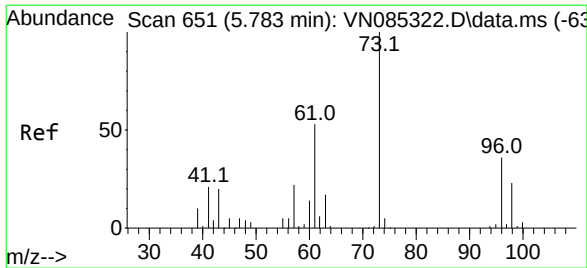
84 100

49 130.6 97.6 146.4

51 36.9 29.1 43.7

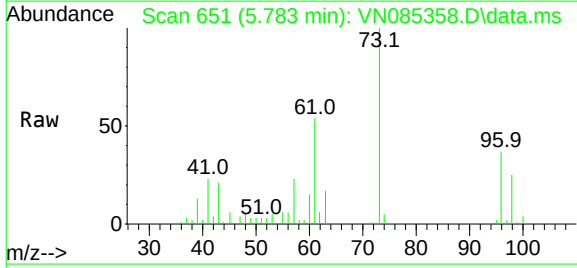
86 64.0 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 47.607 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

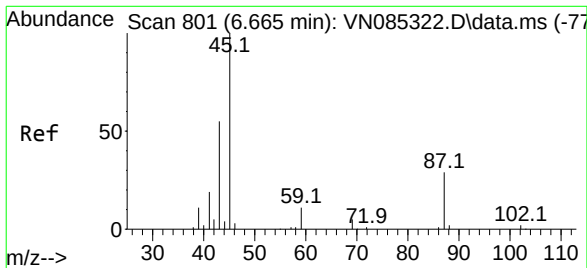
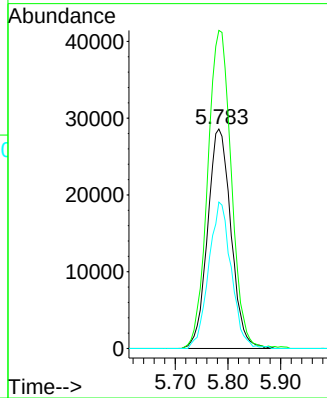
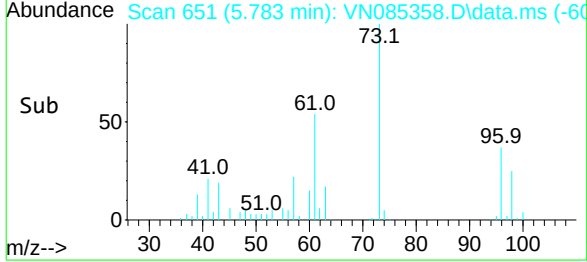
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



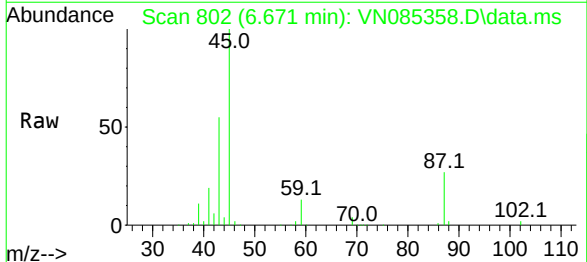
Tgt Ion: 96 Resp: 88118
Ion Ratio Lower Upper
96 100
61 144.9 118.0 177.0
98 66.7 50.6 75.8

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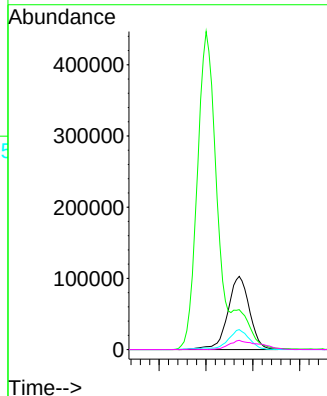
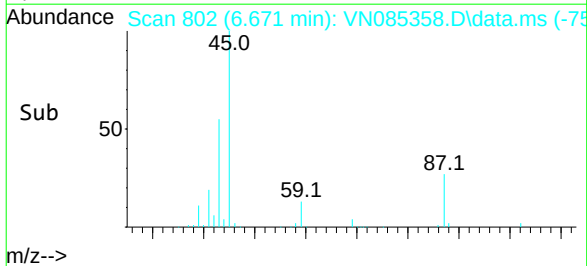
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

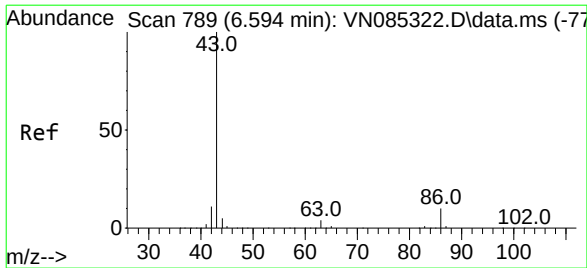


#22
Diisopropyl ether
Concen: 53.964 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27



Tgt Ion: 45 Resp: 329769
Ion Ratio Lower Upper
45 100
43 52.8 44.1 66.1
87 27.1 23.2 34.8
59 12.7 9.0 13.6





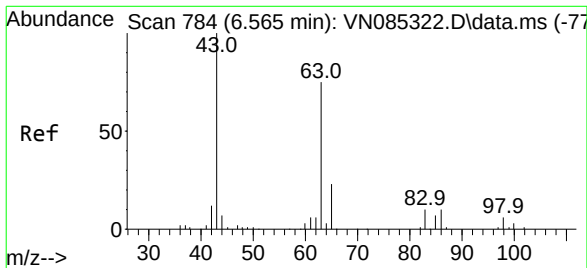
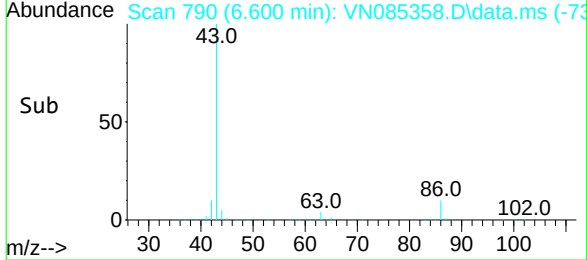
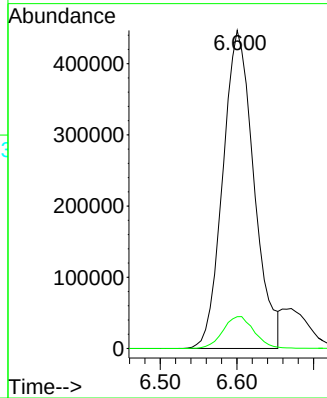
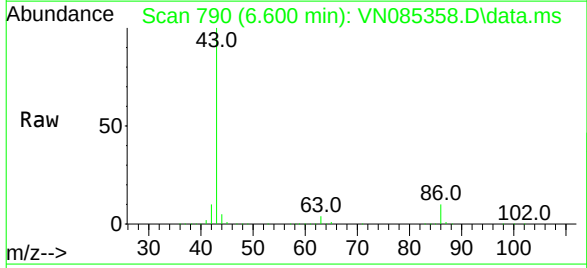
#23
 Vinyl Acetate
 Concen: 284.931 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085358.D
 Acq: 30 Dec 2024 20:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1259620
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0

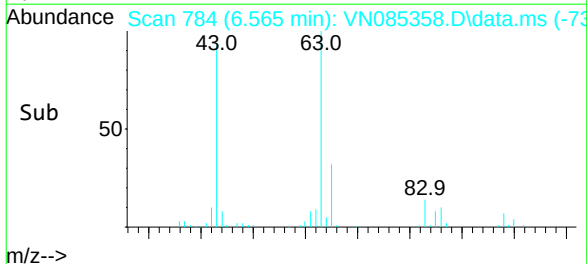
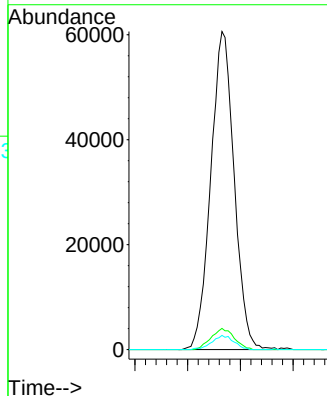
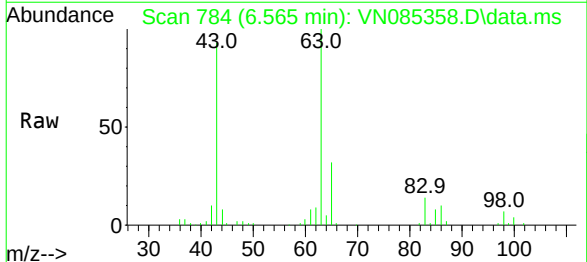
Manual Integrations
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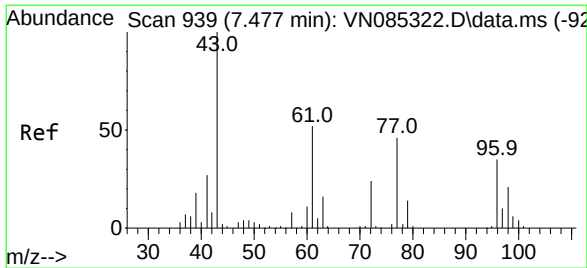
Reviewed By :John Carlone 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024



#24
 1,1-Dichloroethane
 Concen: 50.767 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085358.D
 Acq: 30 Dec 2024 20:27

Tgt Ion: 63 Resp: 186882
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 4.5 2.3 6.8





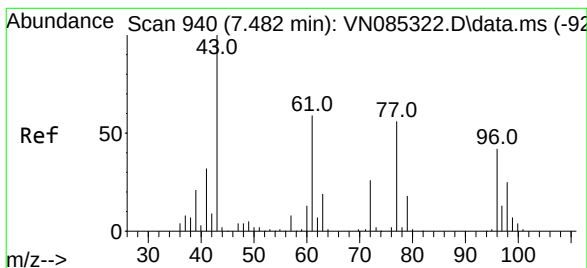
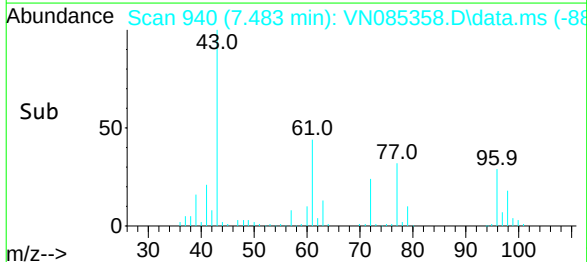
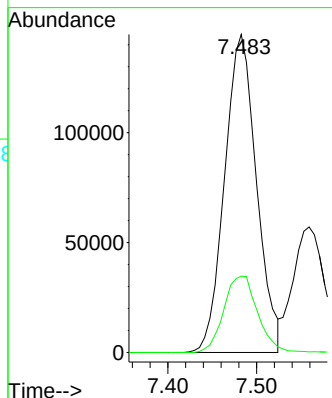
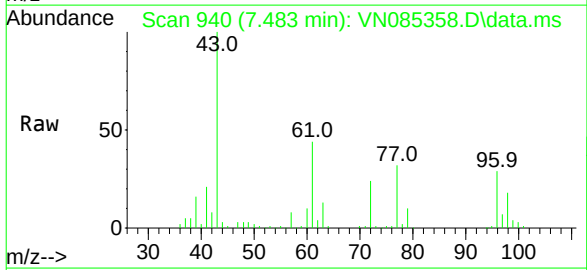
#25
2-Butanone
Concen: 311.197 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 361037
Ion Ratio Lower Upper
43 100
72 24.0 19.6 29.4

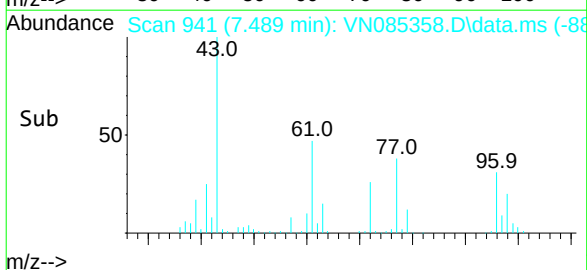
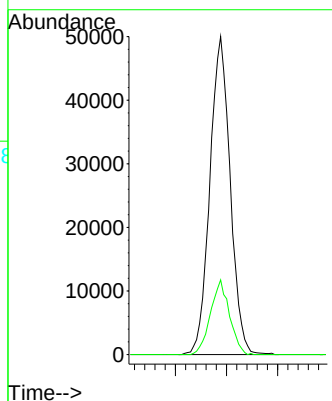
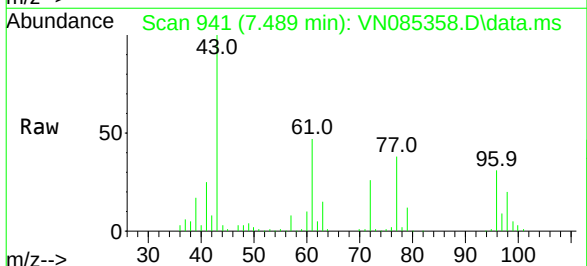
Manual Integrations
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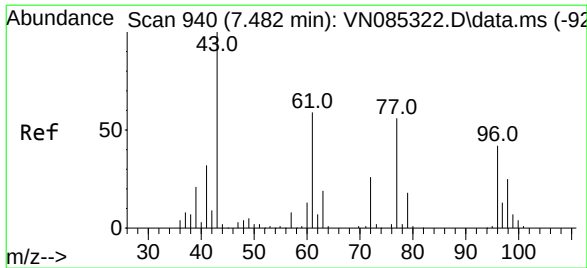
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#26
2,2-Dichloropropane
Concen: 42.895 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

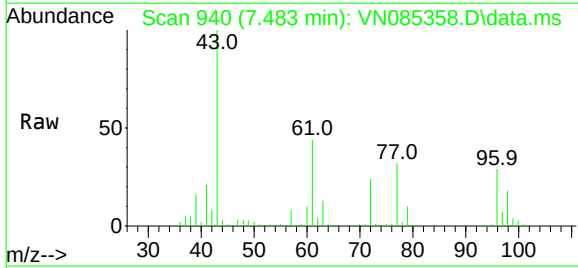
Tgt Ion: 77 Resp: 138342
Ion Ratio Lower Upper
77 100
97 21.9 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 49.772 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085358.D
 Acq: 30 Dec 2024 20:27

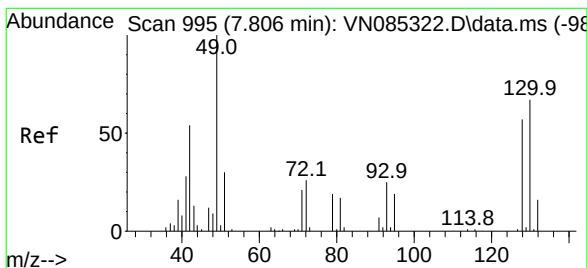
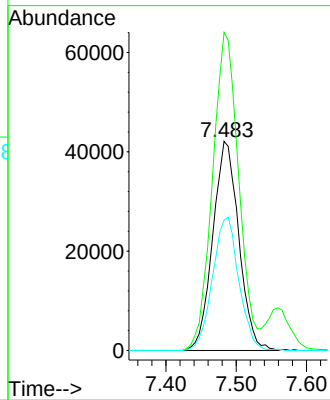
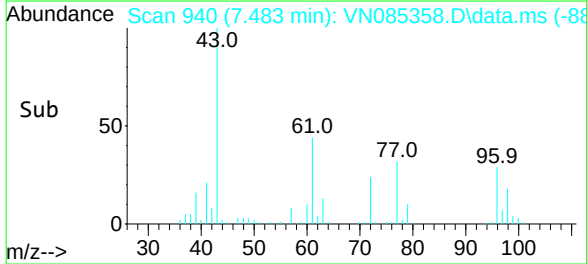
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 108128
 Ion Ratio Lower Upper
 96 100
 61 154.3 0.0 296.4
 98 64.7 0.0 124.2

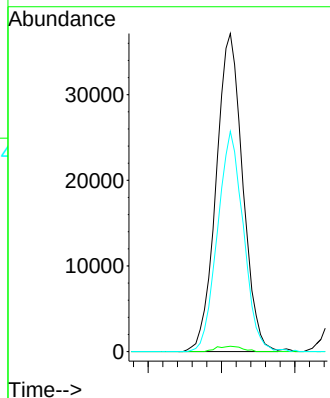
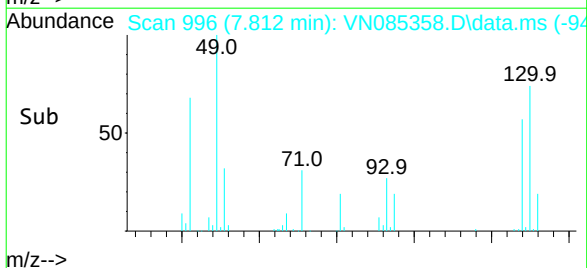
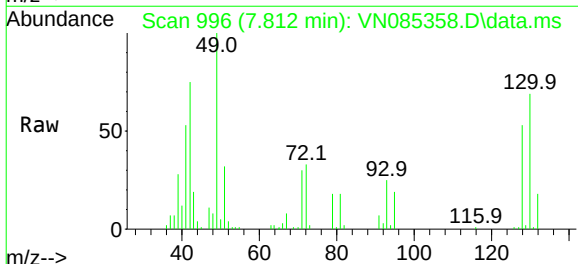
Manual Integrations
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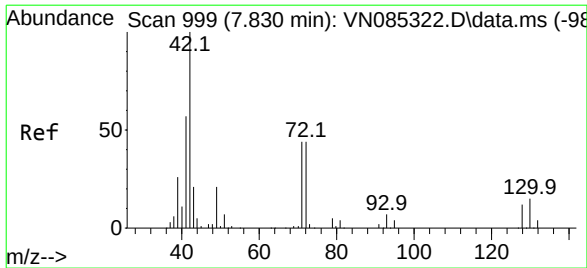
Reviewed By :John Carlone 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024



#28
 Bromochloromethane
 Concen: 54.634 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085358.D
 Acq: 30 Dec 2024 20:27

Tgt Ion: 49 Resp: 93462
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 2.0
 130 67.7 0.0 0.0#





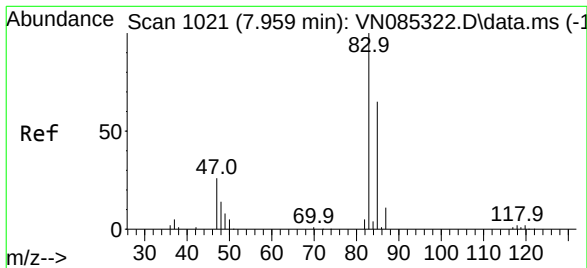
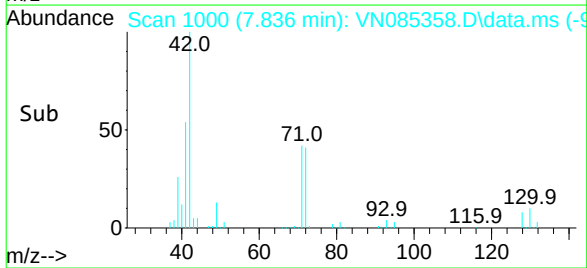
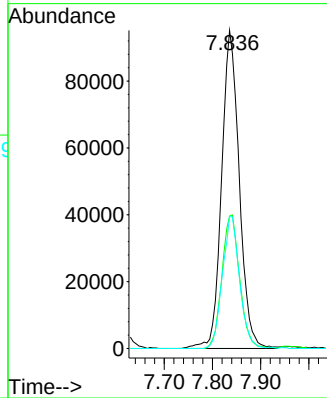
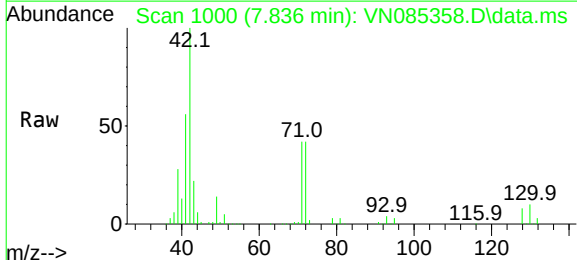
#29
Tetrahydrofuran
Concen: 323.501 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 241756
Ion Ratio Lower Upper
42 100
72 42.3 35.1 52.7
71 40.4 33.4 50.0

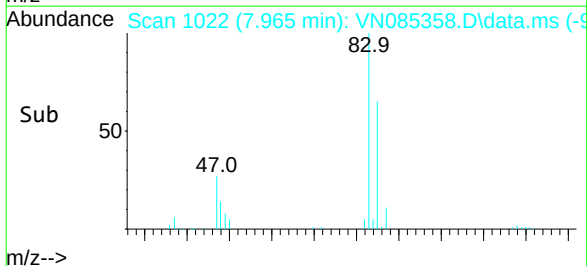
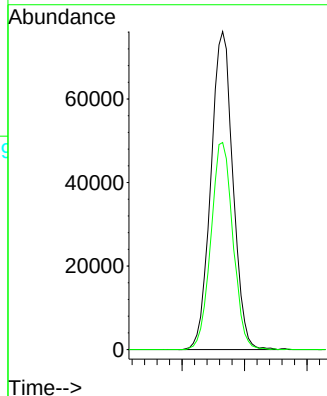
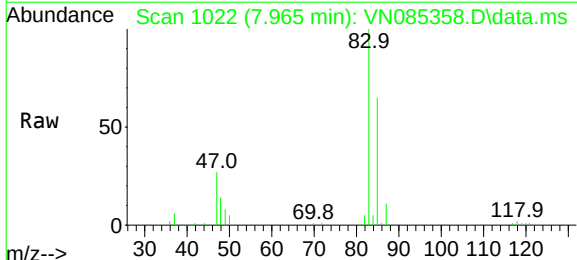
Manual Integrations
APPROVED

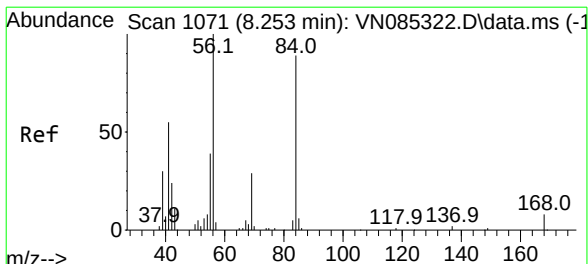
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#30
Chloroform
Concen: 49.571 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

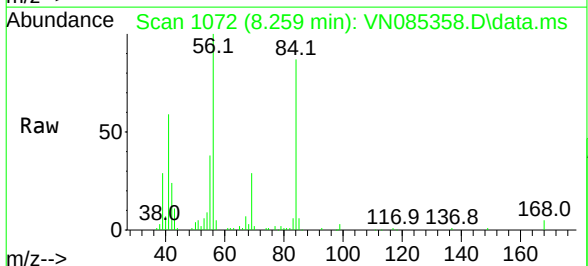
Tgt Ion: 83 Resp: 186684
Ion Ratio Lower Upper
83 100
85 65.1 52.0 78.0





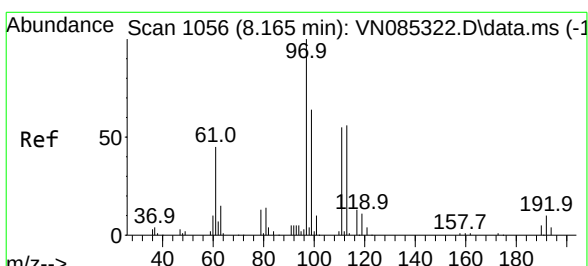
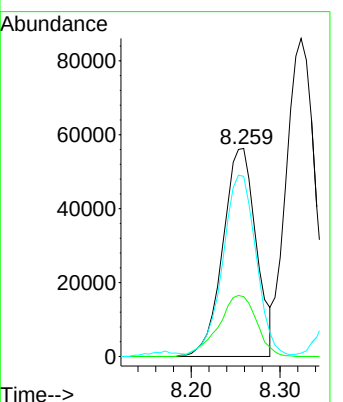
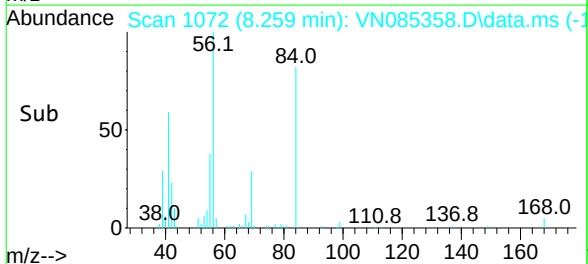
#31
Cyclohexane
Concen: 43.712 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

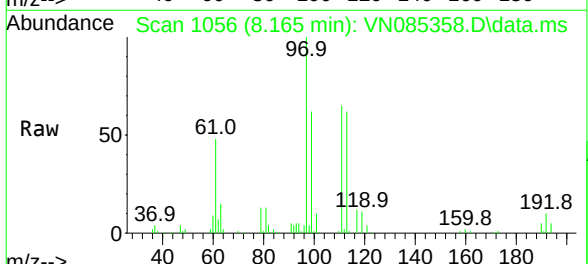


Tgt Ion:	56	Resp:	146933
Ion Ratio	Lower	Upper	
56	100		
69	28.8	23.4	35.0
84	85.0	71.0	106.6

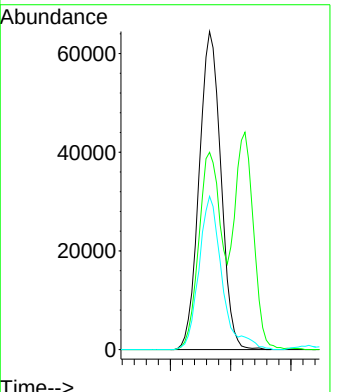
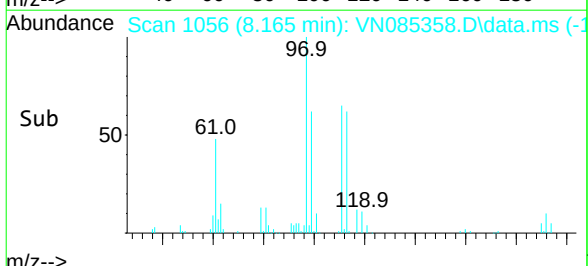
Manual Integrations
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Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

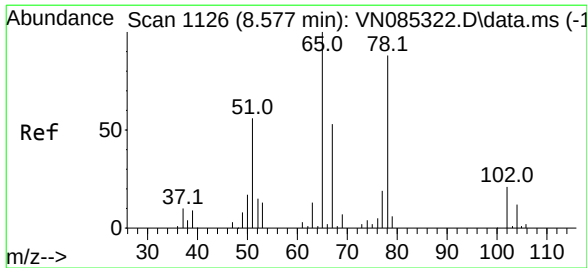


#32
1,1,1-Trichloroethane
Concen: 48.094 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27



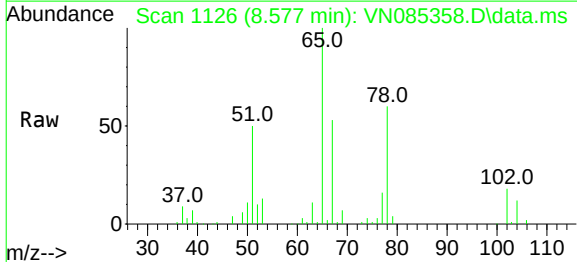
Tgt Ion:	97	Resp:	161756
Ion Ratio	Lower	Upper	
97	100		
99	64.2	53.3	79.9
61	50.9	39.6	59.4





#33
1,2-Dichloroethane-d4
Concen: 53.362 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

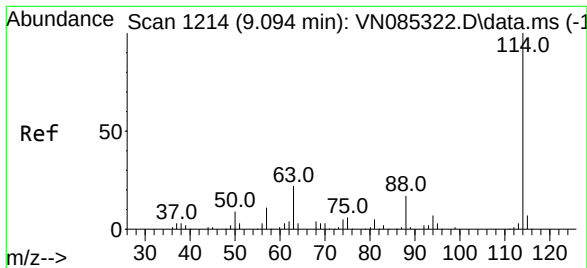
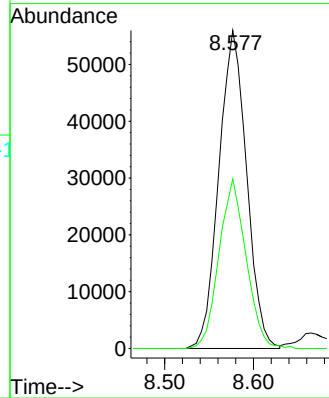
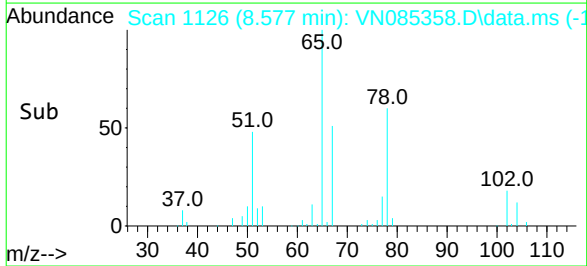
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



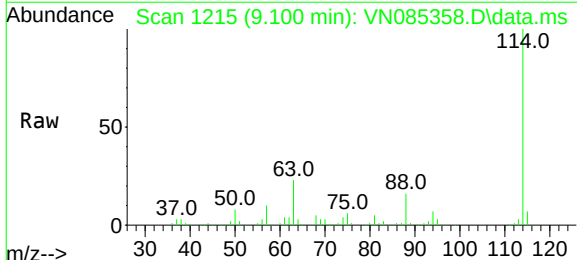
Tgt Ion: 65 Resp: 121354
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

Manual Integrations
APPROVED

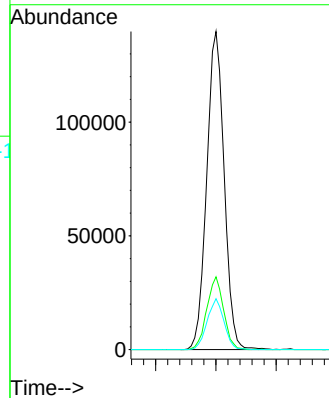
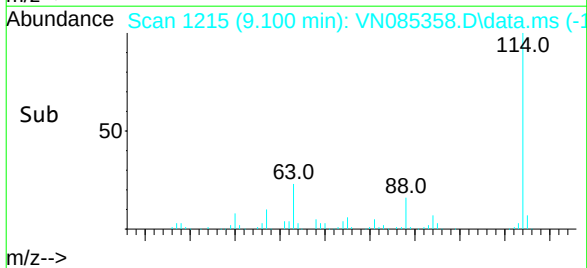
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

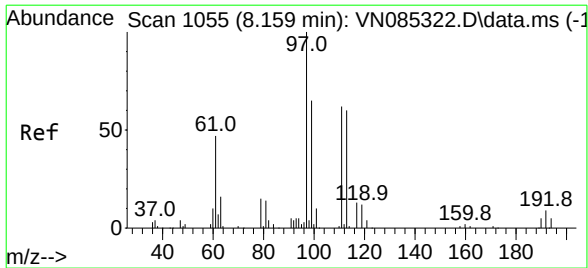


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27



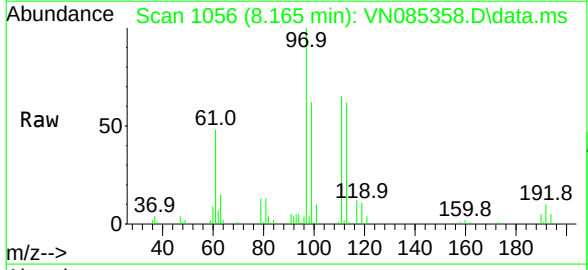
Tgt Ion:114 Resp: 281329
Ion Ratio Lower Upper
114 100
63 22.9 0.0 43.4
88 16.0 0.0 33.6





#35
 Dibromofluoromethane
 Concen: 53.262 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085358.D
 Acq: 30 Dec 2024 20:27

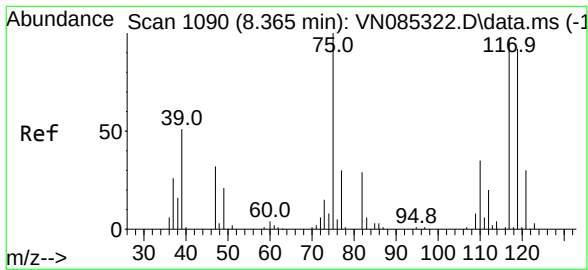
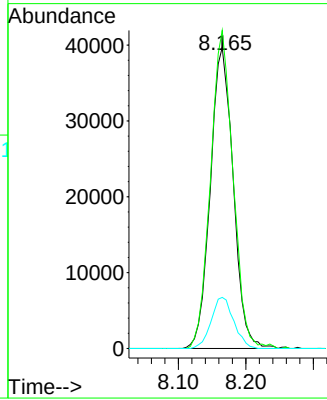
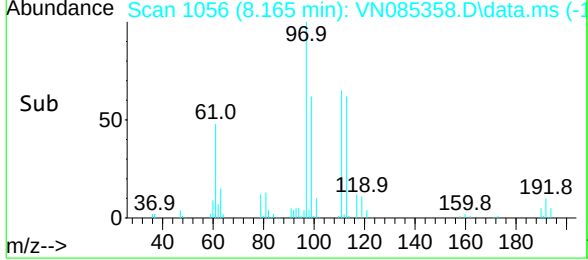
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:	113	Resp:	93479
Ion	Ratio	Lower	Upper
113	100		
111	104.3	80.5	120.7
192	16.7	12.9	19.3

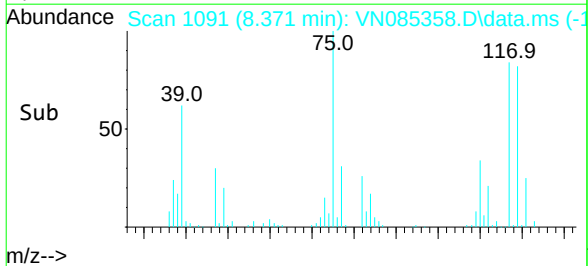
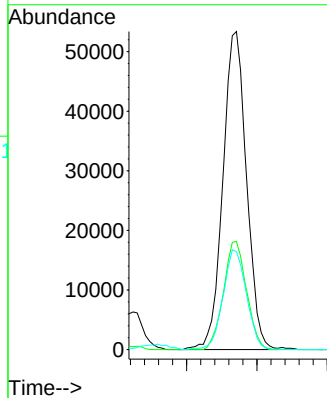
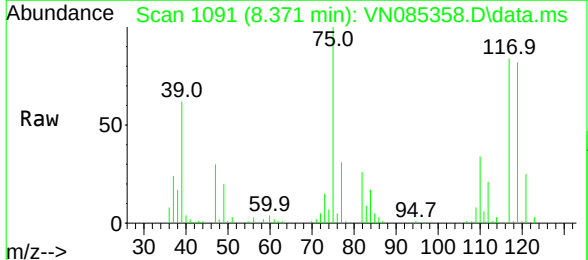
Manual Integrations
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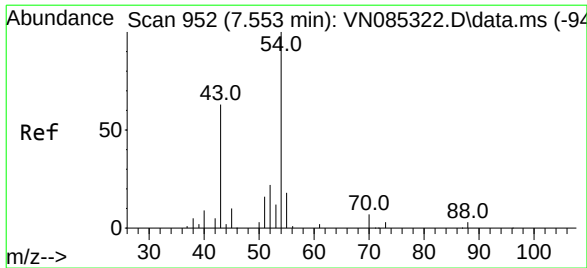
Reviewed By :John Carlone 12/31/2024
 Supervised By :Mahesh Dadoda 12/31/2024



#36
 1,1-Dichloropropene
 Concen: 48.397 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085358.D
 Acq: 30 Dec 2024 20:27

Tgt Ion:	75	Resp:	124366
Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.6	49.8
77	31.0	24.3	36.5





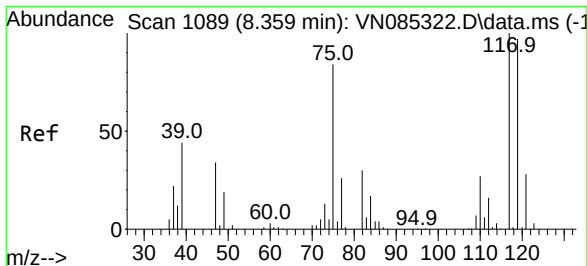
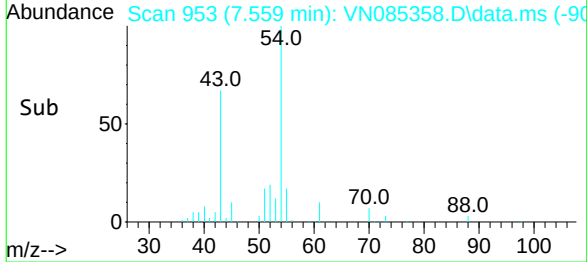
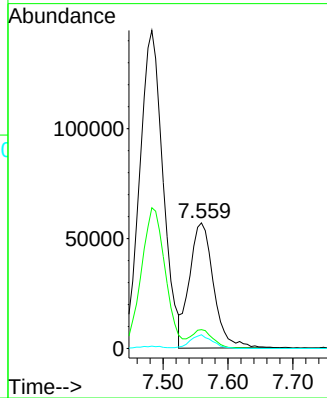
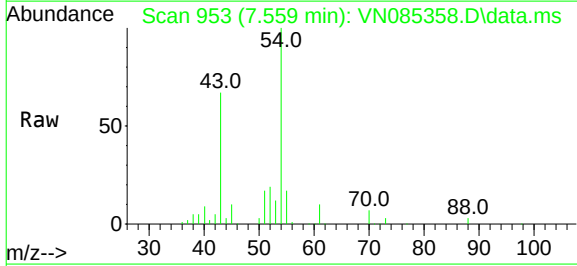
#37
Ethyl Acetate
Concen: 57.425 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	146673
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	10.0	8.2	12.2

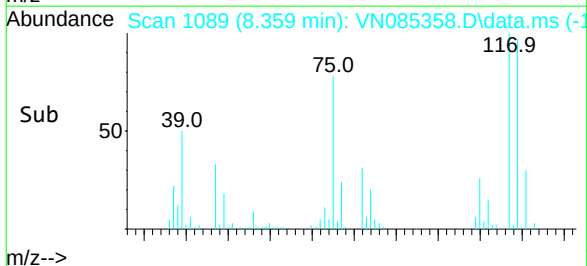
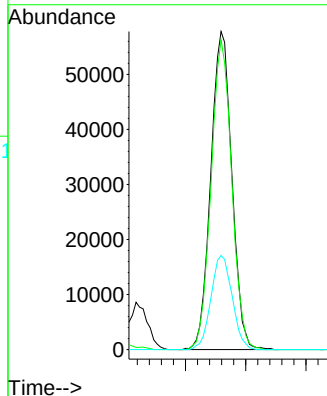
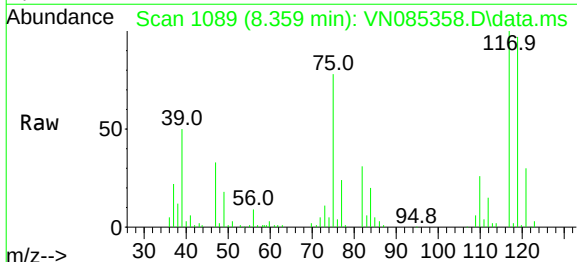
Manual Integrations
APPROVED

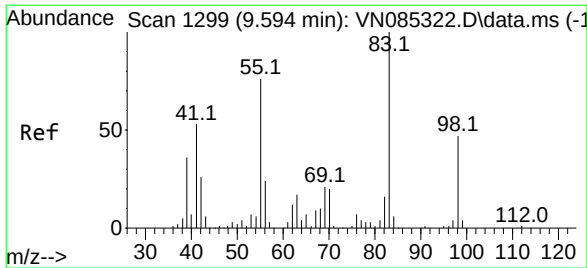
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#38
Carbon Tetrachloride
Concen: 50.111 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

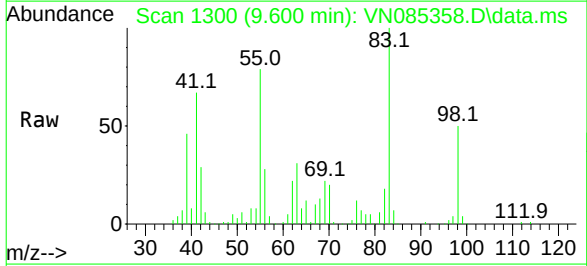
Tgt Ion:	117	Resp:	140361
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.8	116.6
121	29.6	22.5	33.7





#39
Methylcyclohexane
Concen: 46.859 ug/l
RT: 9.600 min Scan# 131
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

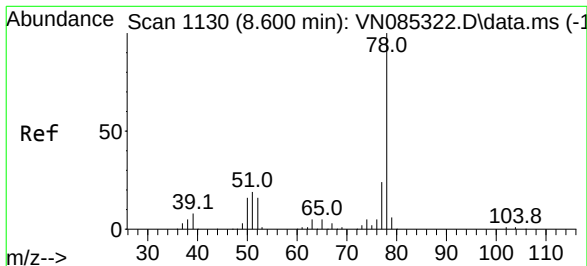
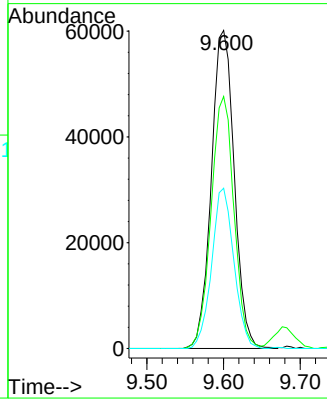
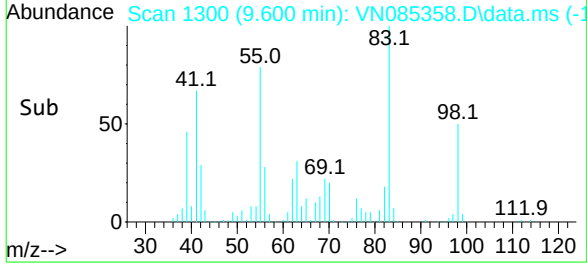
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 124935
Ion Ratio Lower Upper
83 100
55 79.2 60.7 91.1
98 50.4 37.7 56.5

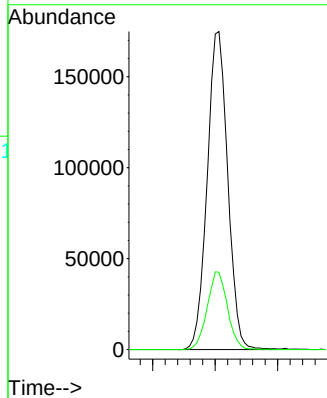
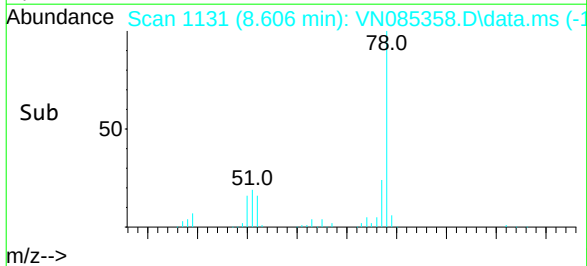
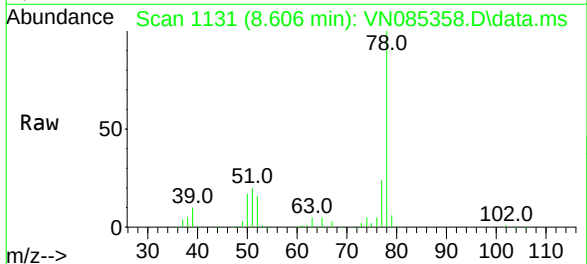
Manual Integrations
APPROVED

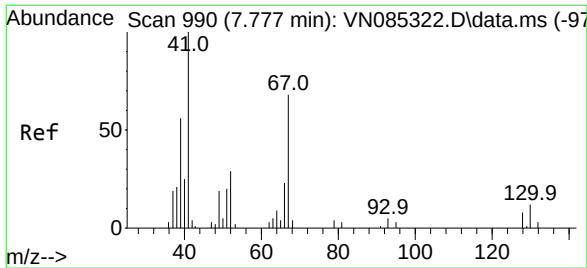
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#40
Benzene
Concen: 51.373 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion: 78 Resp: 399133
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4





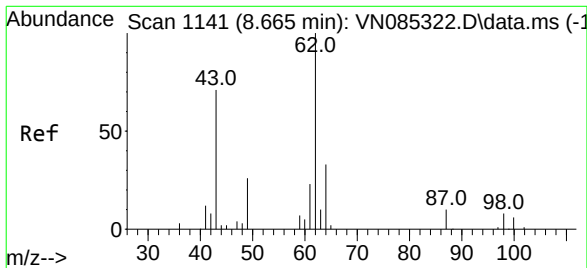
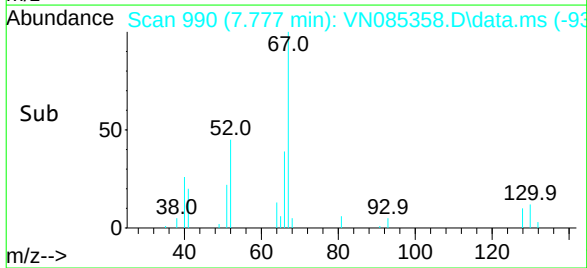
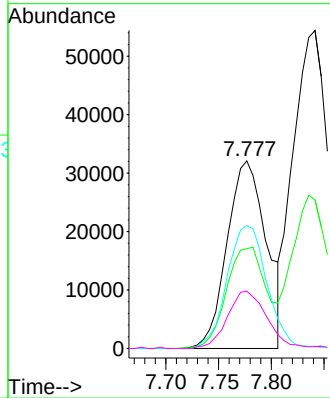
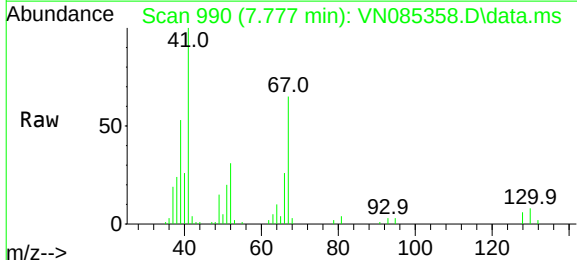
#41
Methacrylonitrile
Concen: 63.580 ug/l
RT: 7.777 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	83168
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.8	68.8
67	66.8	57.1	85.7
52	31.0	25.1	37.7

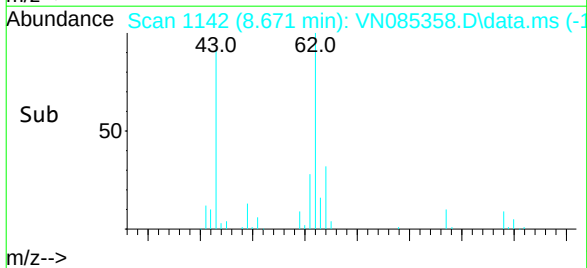
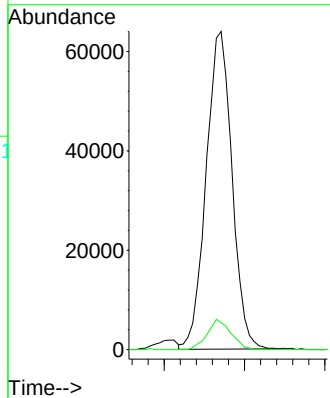
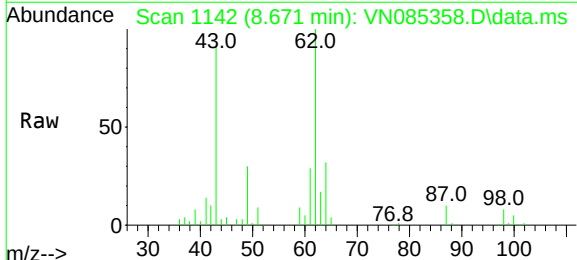
Manual Integrations
APPROVED

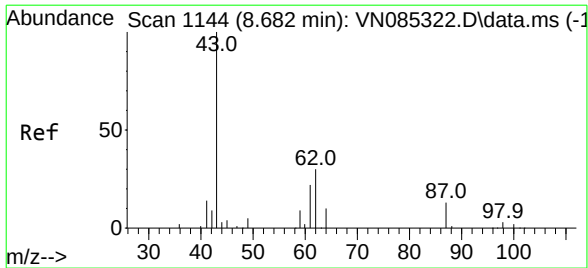
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#42
1,2-Dichloroethane
Concen: 51.388 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion:	62	Resp:	143145
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





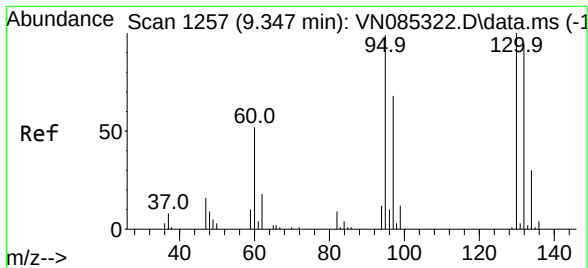
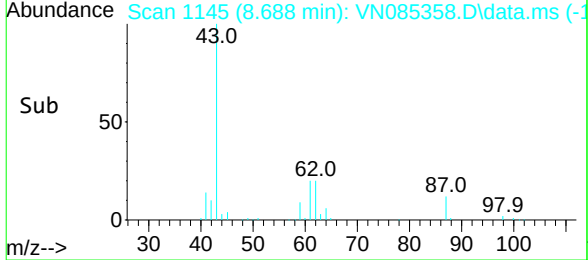
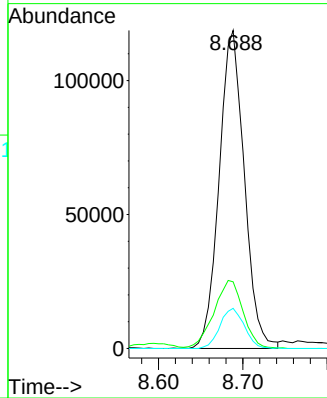
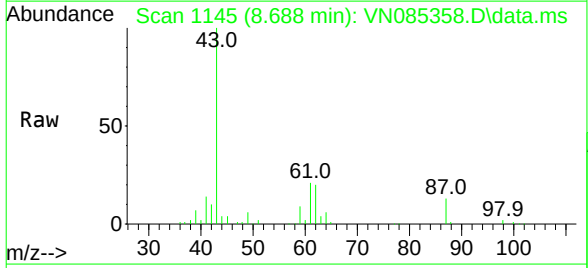
#43
Isopropyl Acetate
Concen: 58.575 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 246348
Ion Ratio Lower Upper
43 100
61 24.8 20.8 31.2
87 12.2 10.2 15.4

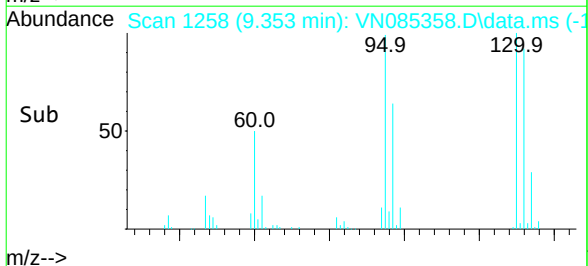
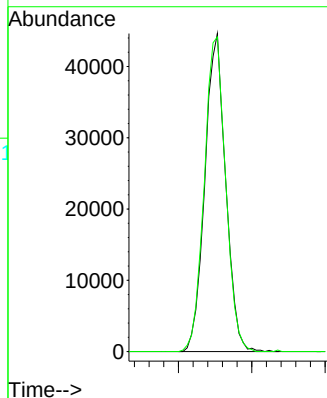
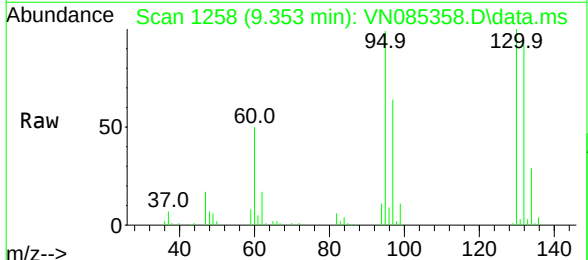
Manual Integrations
APPROVED

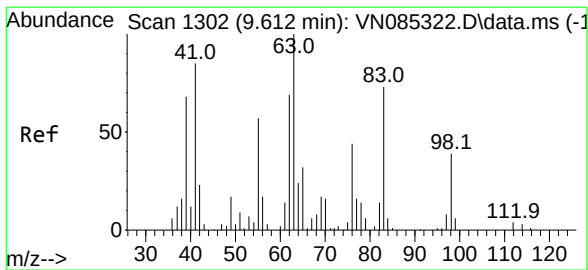
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#44
Trichloroethene
Concen: 47.691 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion:130 Resp: 87724
Ion Ratio Lower Upper
130 100
95 98.9 0.0 197.8





#45

1,2-Dichloropropane

Concen: 52.254 ug/l

RT: 9.618 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 103061

Ion Ratio Lower Upper

63 100

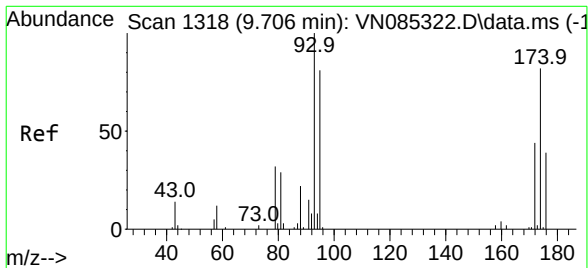
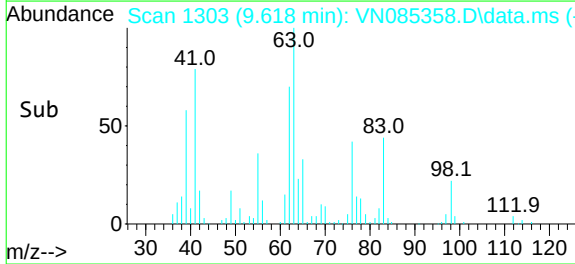
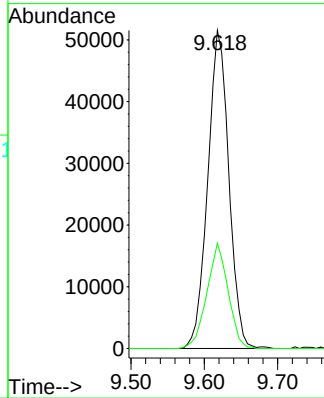
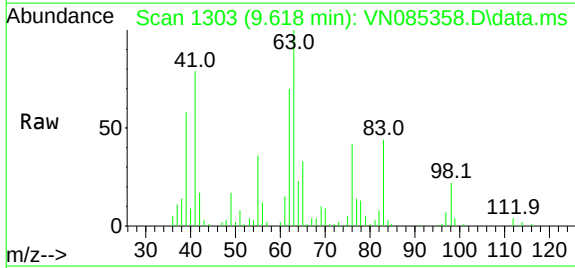
65 33.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#46

Dibromomethane

Concen: 51.270 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

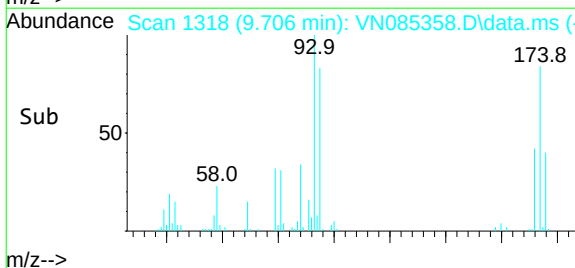
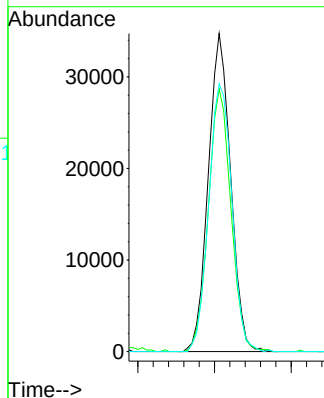
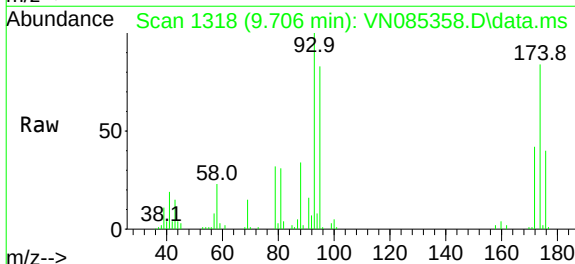
Tgt Ion: 93 Resp: 70326

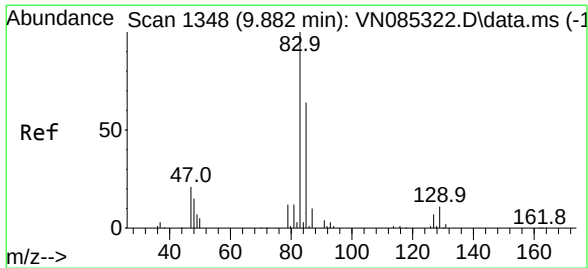
Ion Ratio Lower Upper

93 100

95 83.2 65.3 97.9

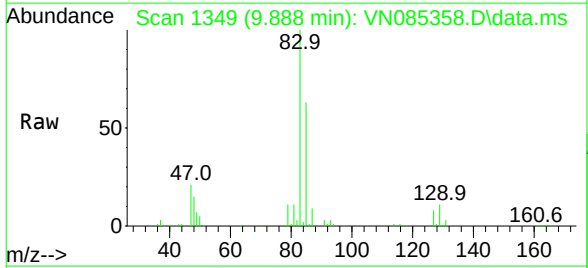
174 87.2 66.4 99.6





#47
Bromodichloromethane
Concen: 52.421 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

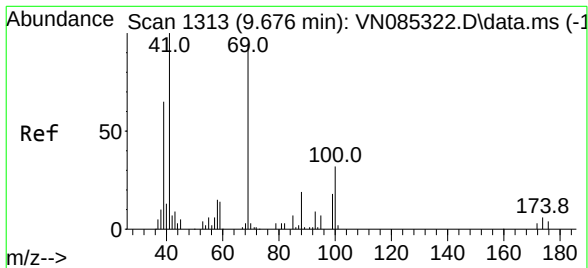
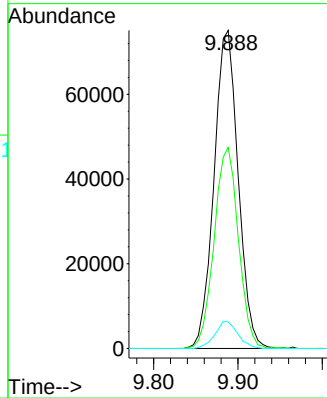
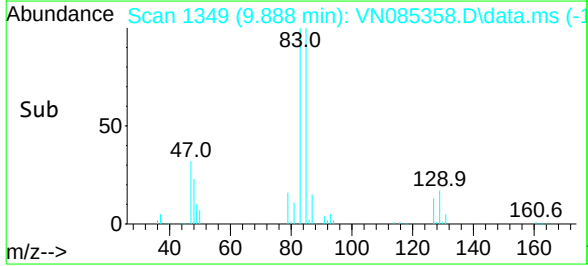
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



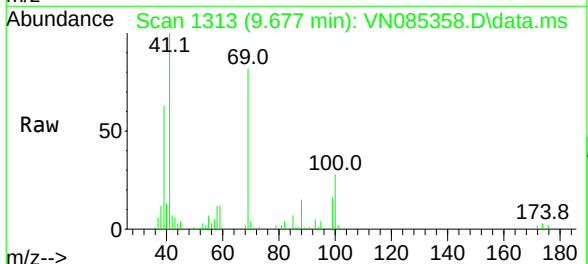
Tgt Ion: 83 Resp: 149448
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.4
127 8.4 5.8 8.6

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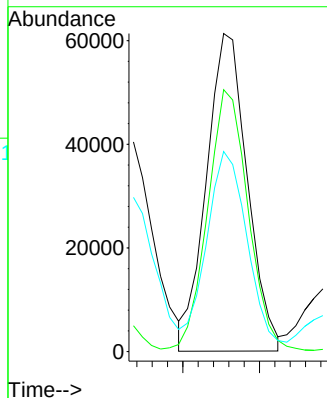
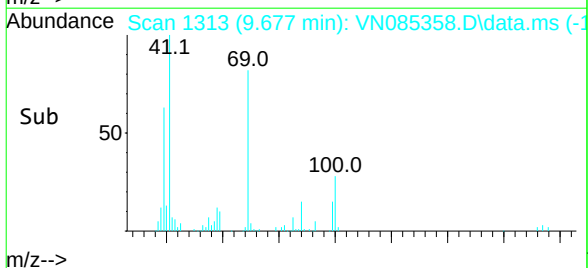
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

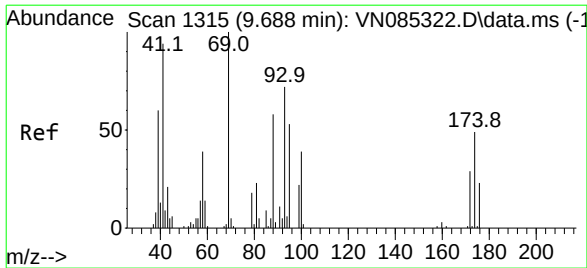


#48
Methyl methacrylate
Concen: 62.083 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27



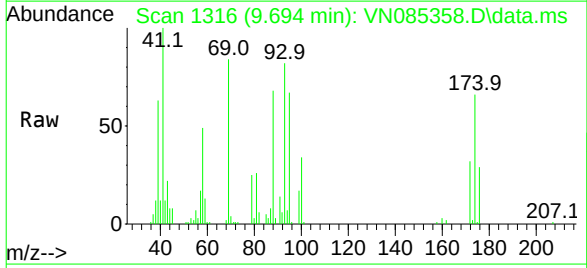
Tgt Ion: 41 Resp: 113295
Ion Ratio Lower Upper
41 100
69 81.5 67.7 101.5
39 64.0 51.2 76.8





#49
1,4-Dioxane
Concen: 1449.054 ug/l
RT: 9.694 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

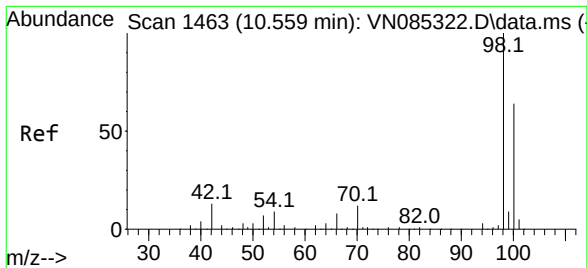
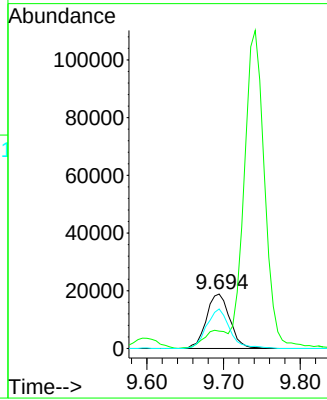
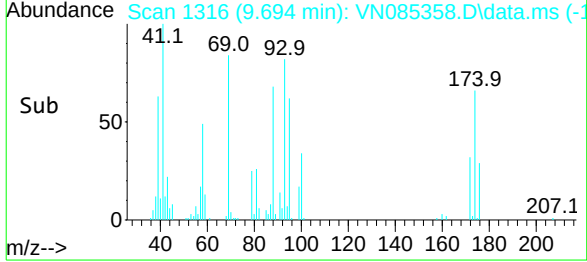
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 39898
Ion Ratio Lower Upper
88 100
43 34.2 22.1 33.1#
58 72.1 56.7 85.1

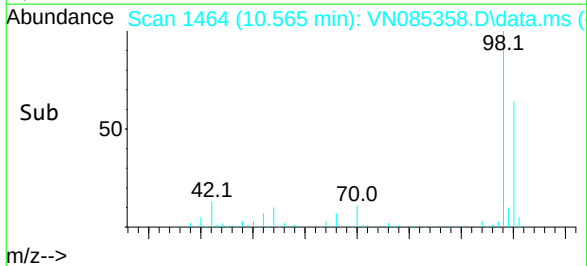
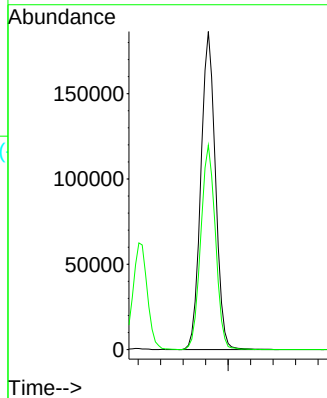
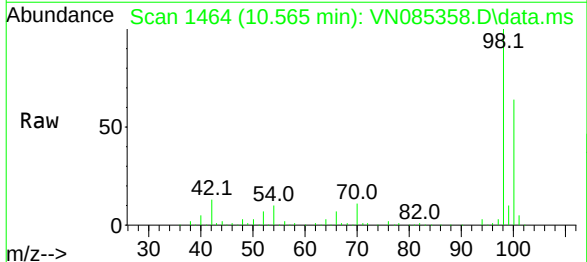
Manual Integrations
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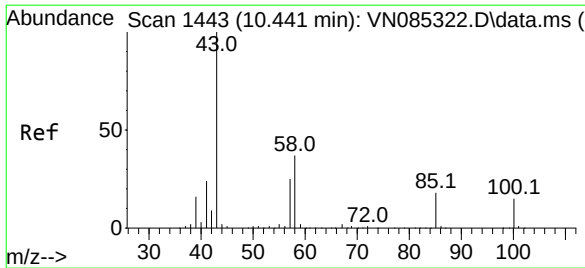
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#50
Toluene-d8
Concen: 52.098 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion: 98 Resp: 335532
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3





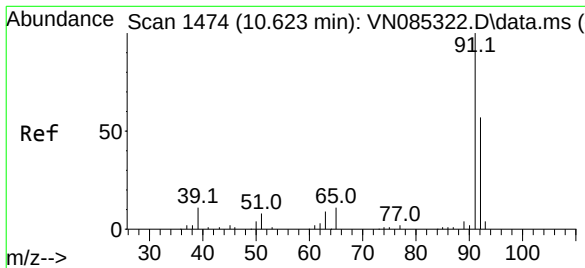
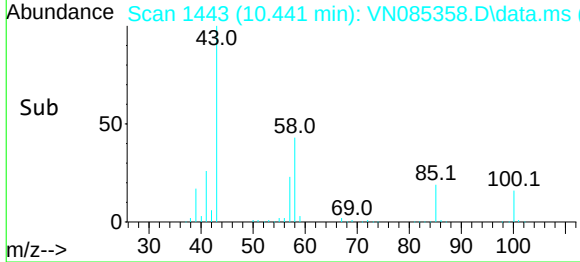
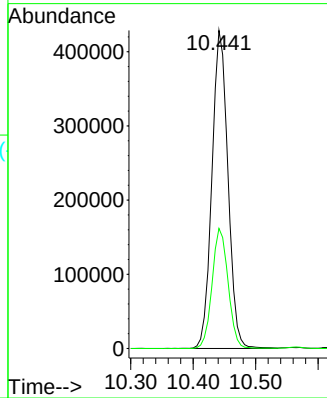
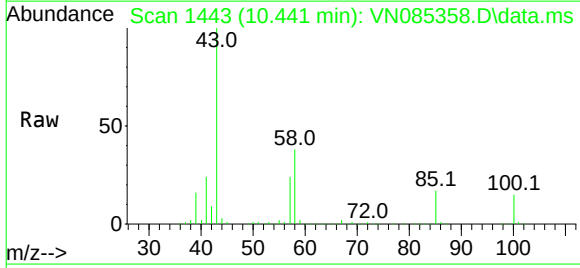
#51
4-Methyl-2-Pentanone
Concen: 323.011 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 763419
Ion Ratio Lower Upper
43 100
58 37.7 30.3 45.5

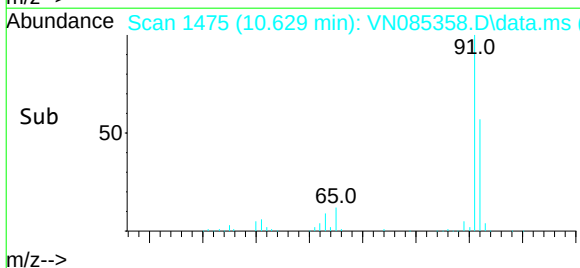
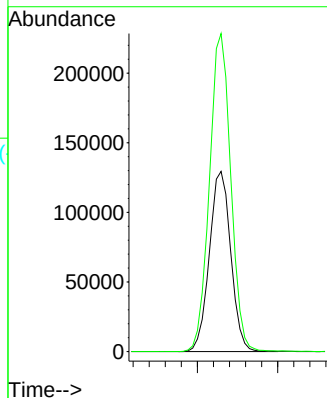
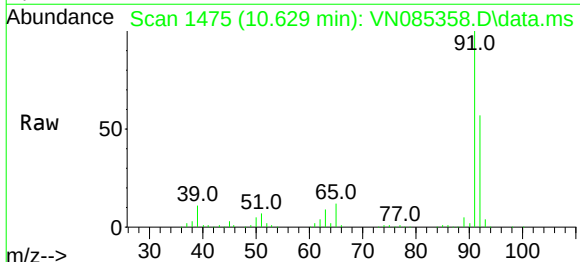
Manual Integrations
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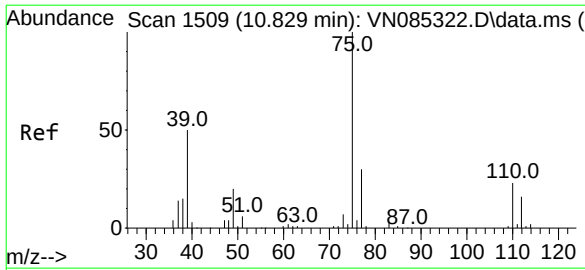
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#52
Toluene
Concen: 51.819 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

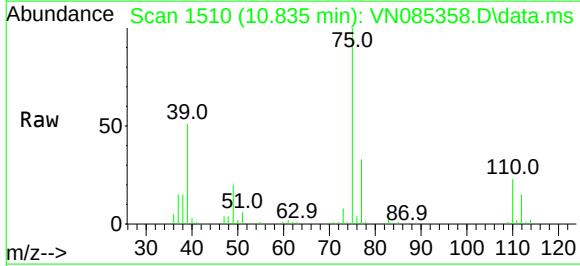
Tgt Ion: 92 Resp: 239723
Ion Ratio Lower Upper
92 100
91 176.0 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 52.788 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

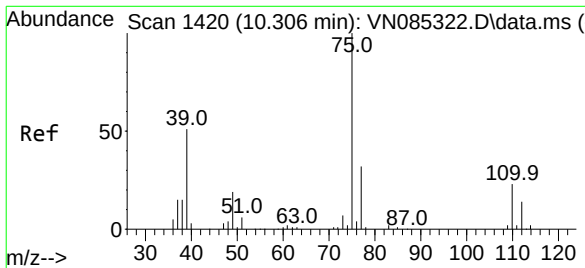
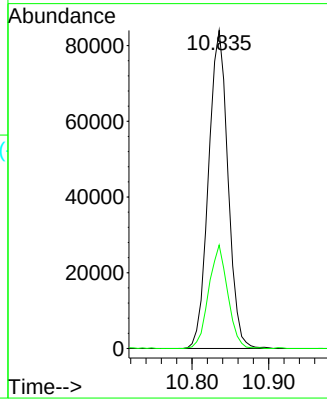
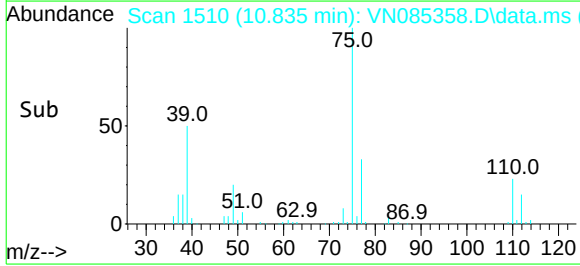
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



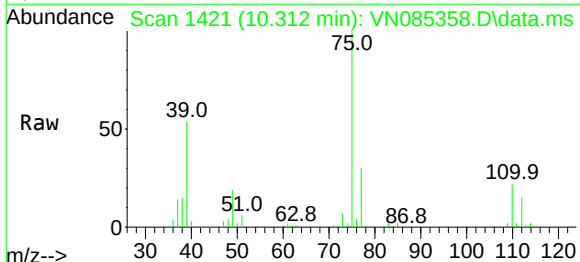
Tgt Ion: 75 Resp: 147999
Ion Ratio Lower Upper
75 100
77 32.5 23.8 35.6

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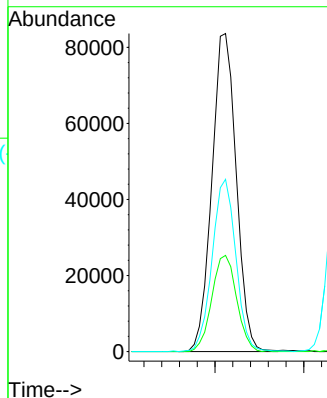
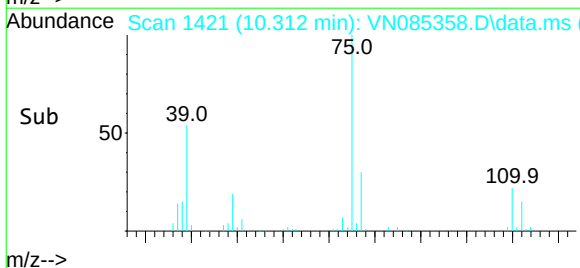
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024

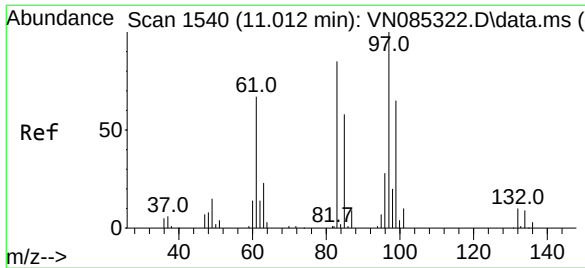


#54
cis-1,3-Dichloropropene
Concen: 52.615 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27



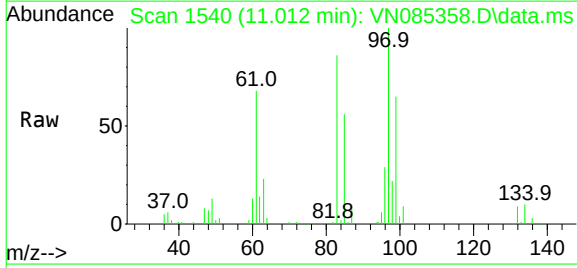
Tgt Ion: 75 Resp: 159514
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3
39 54.2 40.5 60.7





#55
1,1,2-Trichloroethane
Concen: 52.781 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

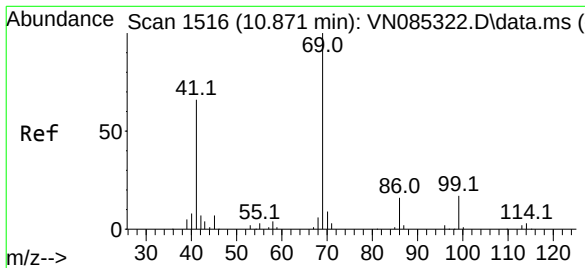
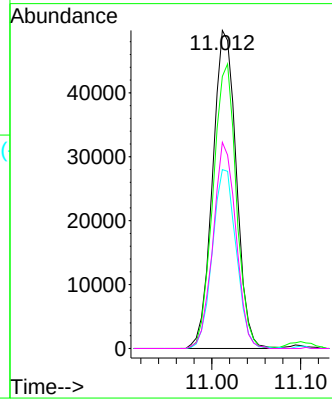
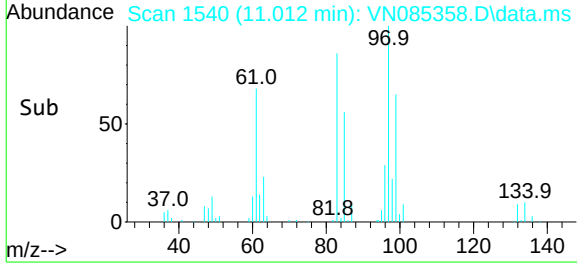
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	92188
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.7	101.5
85	56.2	46.2	69.4
99	64.8	51.8	77.6

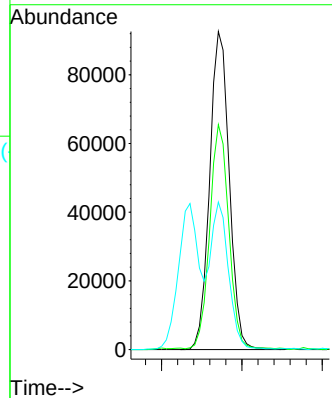
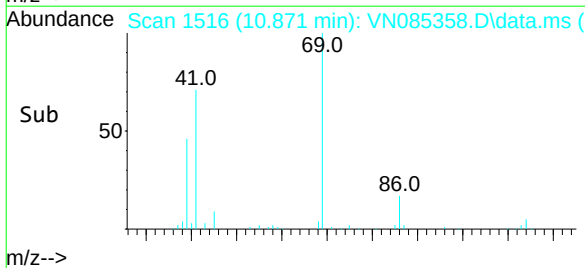
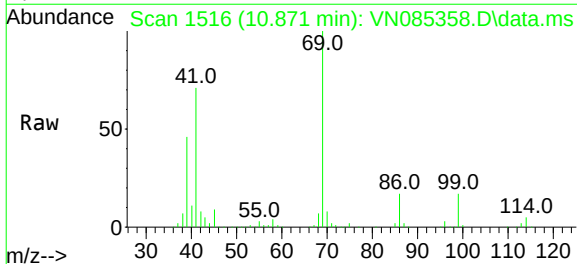
Manual Integrations
APPROVED

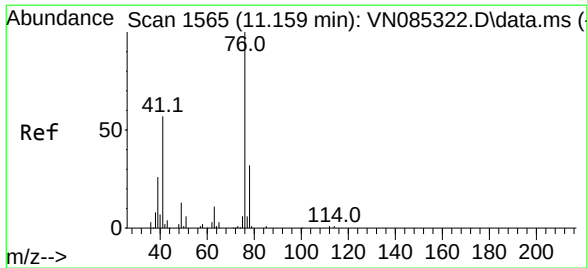
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#56
Ethyl methacrylate
Concen: 61.645 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion:	69	Resp:	156810
Ion	Ratio	Lower	Upper
69	100		
41	69.7	54.3	81.5
39	42.4	32.0	48.0





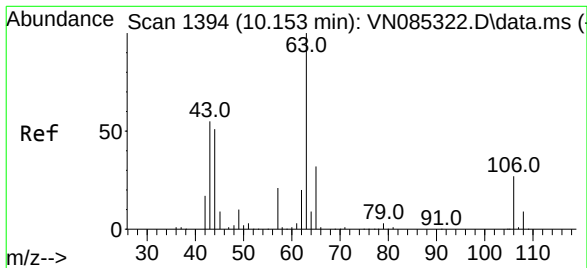
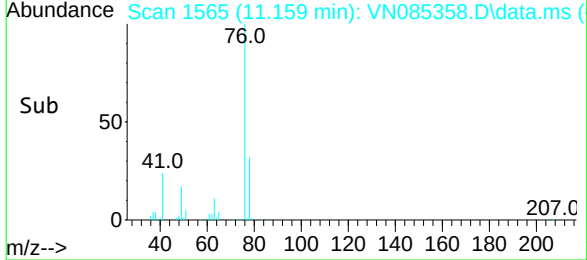
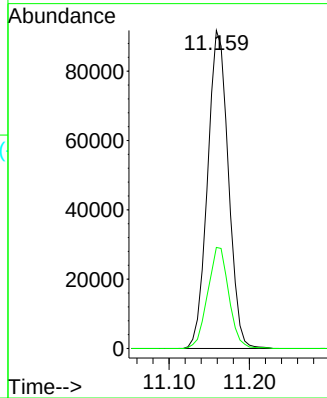
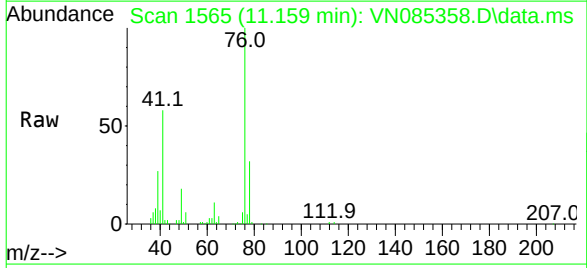
#57
1,3-Dichloropropane
Concen: 53.802 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 164931
Ion Ratio Lower Upper
76 100
78 32.4 25.5 38.3

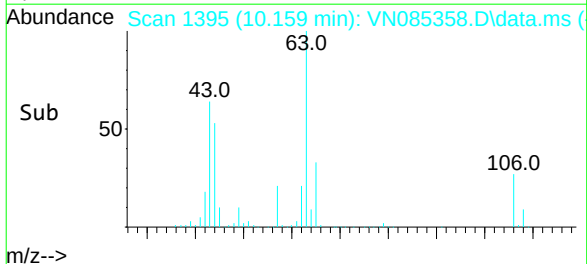
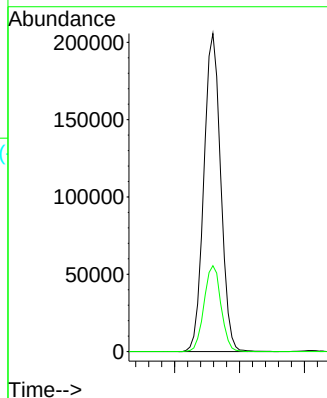
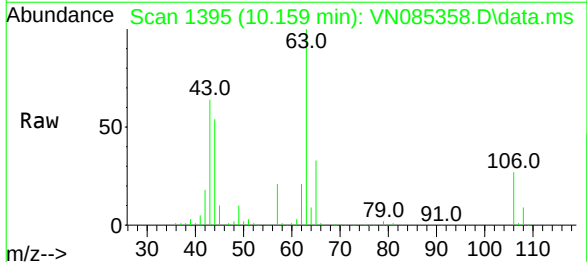
Manual Integrations
APPROVED

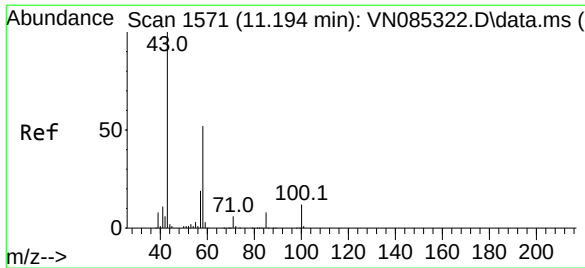
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#58
2-Chloroethyl Vinyl ether
Concen: 300.533 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion: 63 Resp: 369870
Ion Ratio Lower Upper
63 100
106 27.2 22.1 33.1





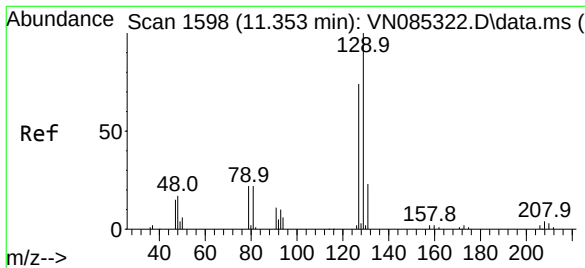
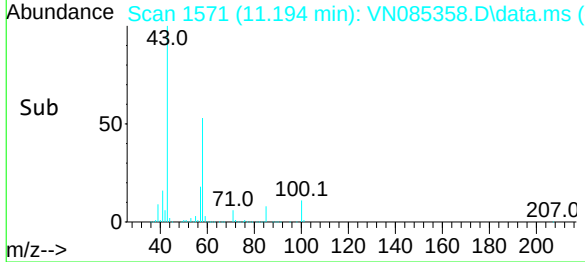
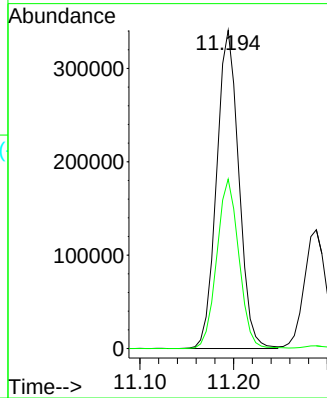
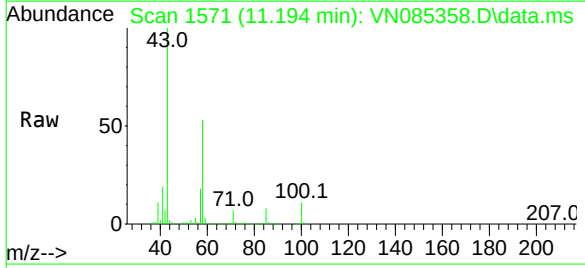
#59
2-Hexanone
Concen: 342.921 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 562311
Ion Ratio Lower Upper
43 100
58 52.8 26.5 79.5

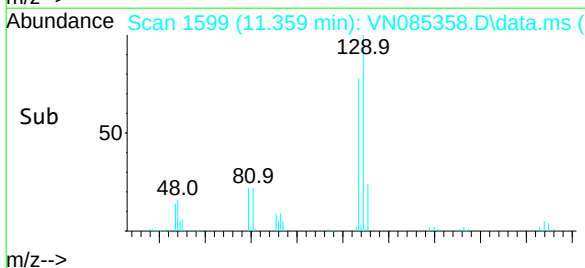
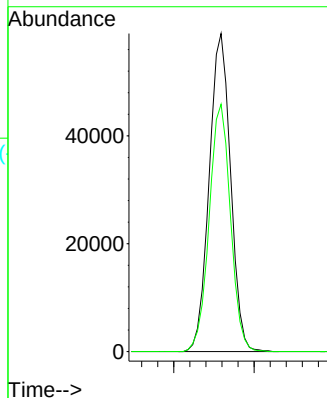
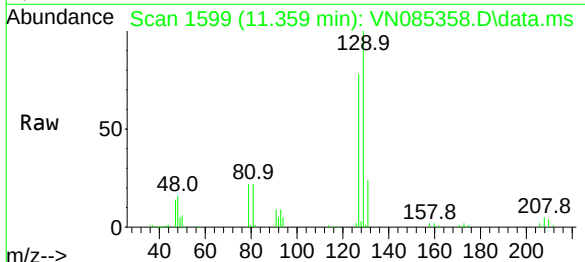
Manual Integrations
APPROVED

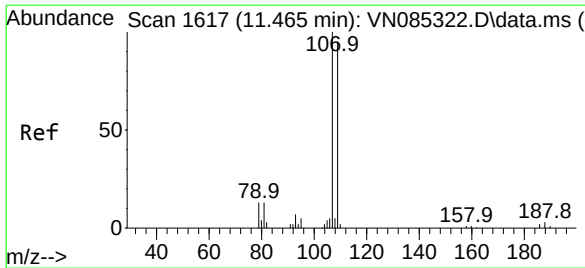
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#60
Dibromochloromethane
Concen: 55.379 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion:129 Resp: 108944
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9





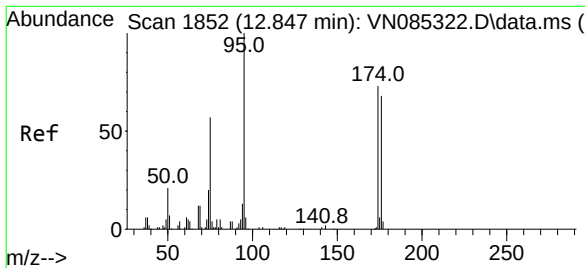
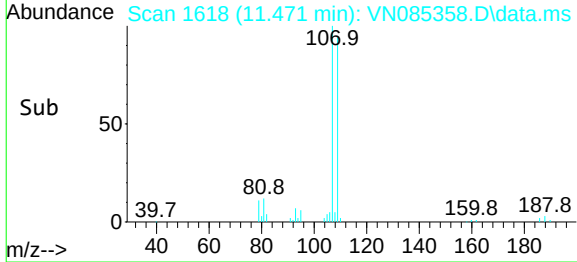
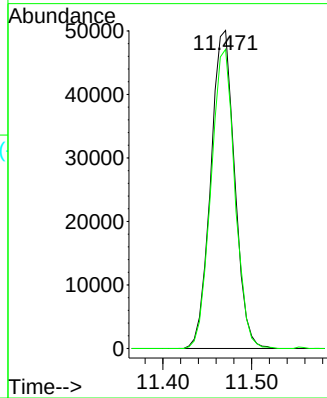
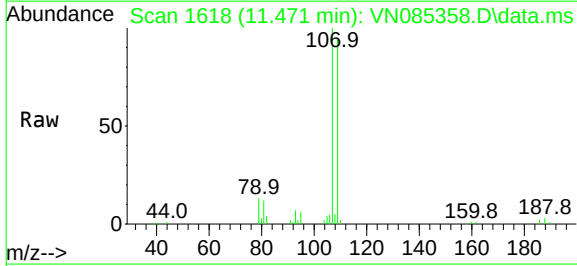
#61
1,2-Dibromoethane
Concen: 54.177 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 93616
Ion Ratio Lower Upper
107 100
109 94.0 74.9 112.3

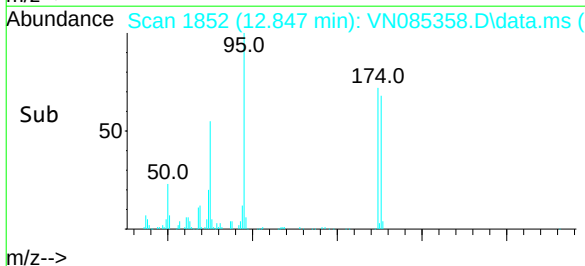
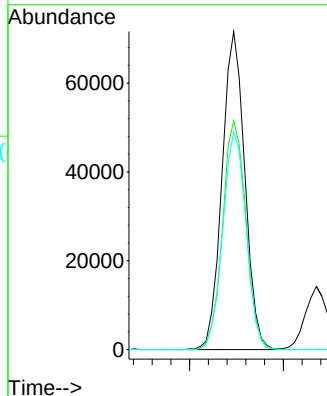
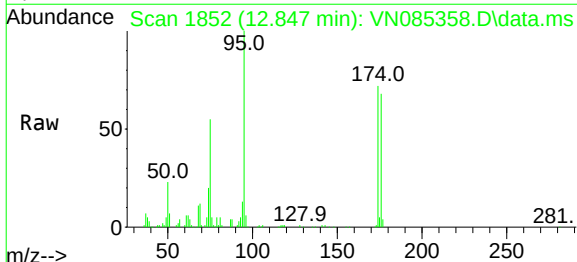
Manual Integrations
APPROVED

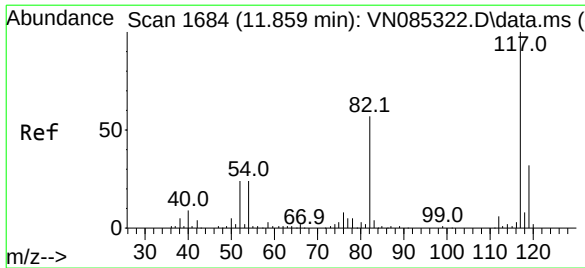
Reviewed By : John Carlone 12/31/2024
Supervised By : Mahesh Dadoda 12/31/2024



#62
4-Bromofluorobenzene
Concen: 56.452 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion: 95 Resp: 120746
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.2
176 70.2 0.0 135.8





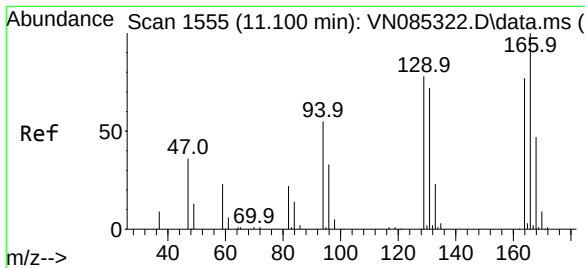
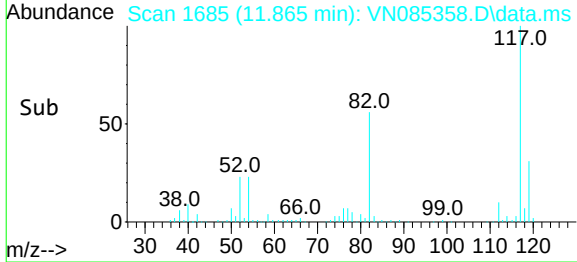
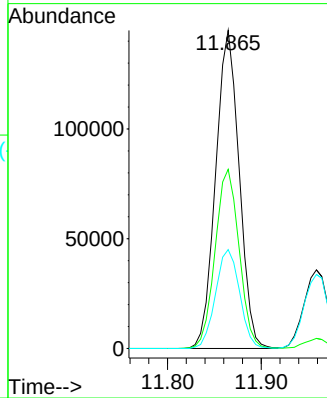
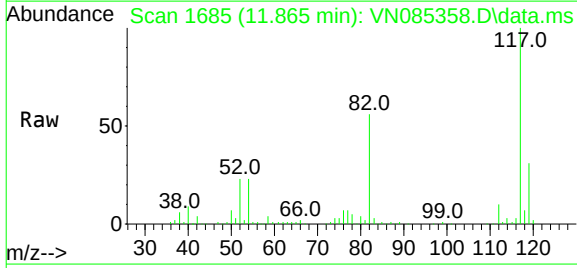
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	117	Resp:	252570
Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.7	68.5
119	31.1	25.8	38.8

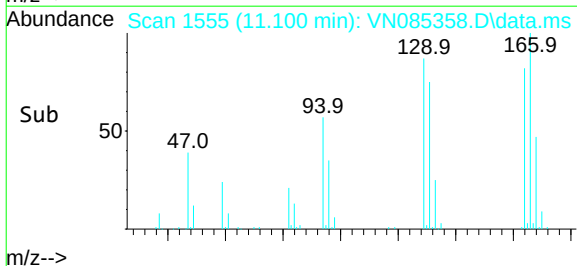
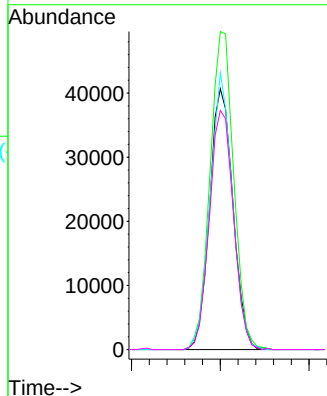
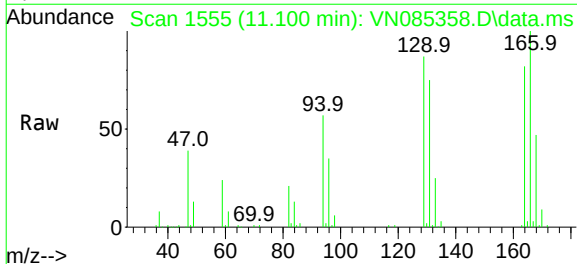
Manual Integrations
APPROVED

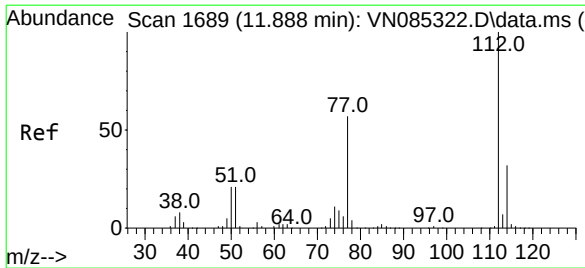
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#64
Tetrachloroethene
Concen: 46.549 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion:	164	Resp:	74496
Ion	Ratio	Lower	Upper
164	100		
166	122.0	104.0	156.0
129	106.1	81.3	121.9
131	91.7	75.0	112.6





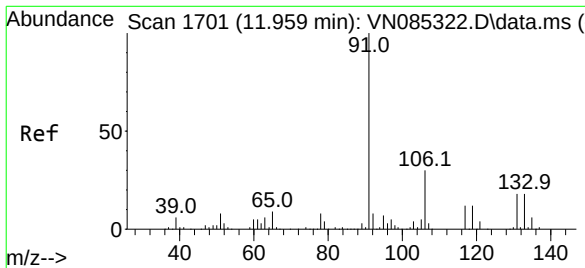
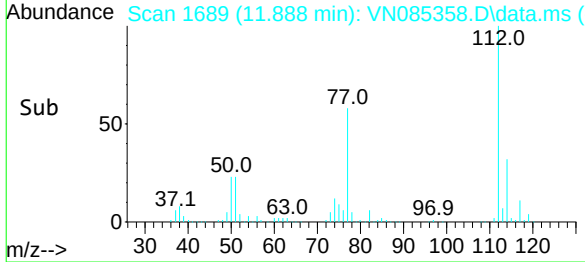
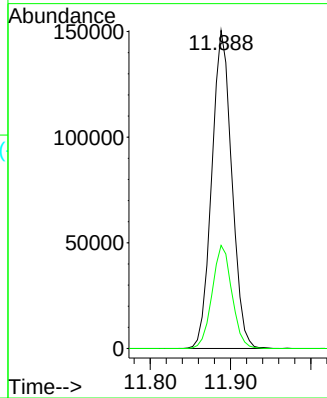
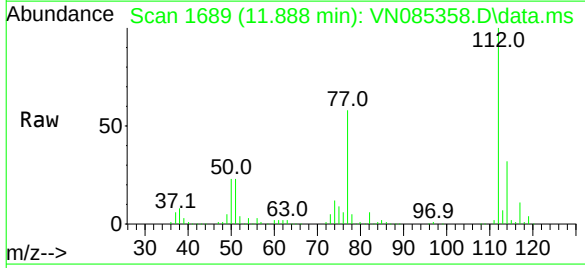
#65
Chlorobenzene
Concen: 47.724 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 260477
Ion Ratio Lower Upper
112 100
114 32.4 25.2 37.8

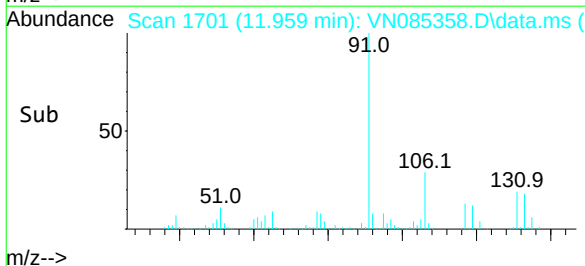
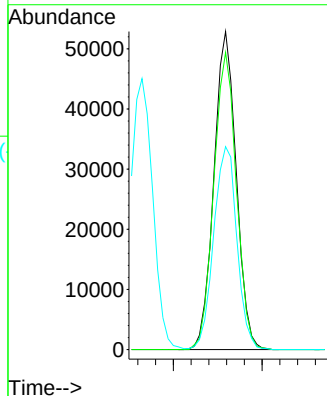
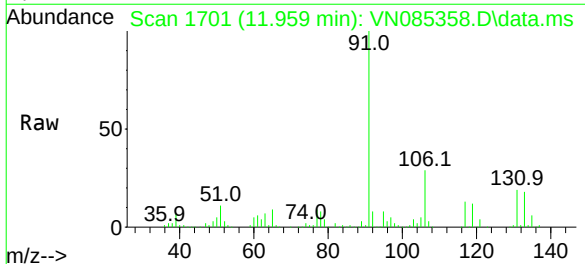
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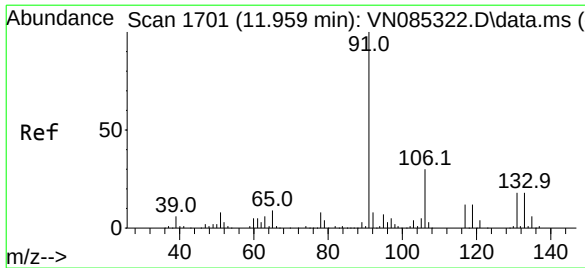
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.377 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion:131 Resp: 92282
Ion Ratio Lower Upper
131 100
133 94.5 48.3 144.9
119 66.4 33.4 100.1





#67

Ethyl Benzene

Concen: 50.780 ug/l

RT: 11.959 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 460926

Ion Ratio Lower Upper

91 100

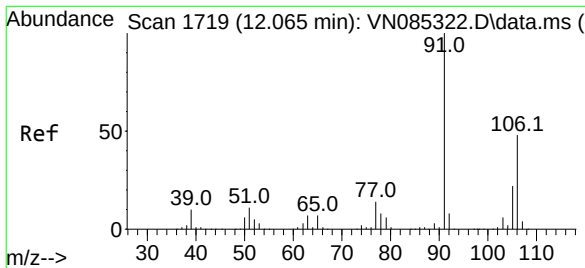
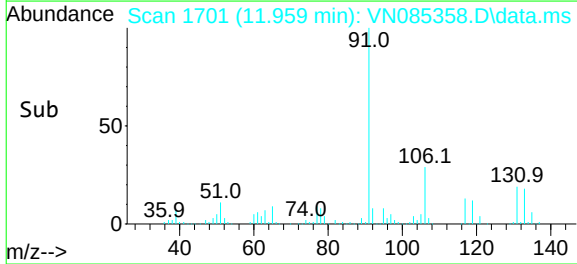
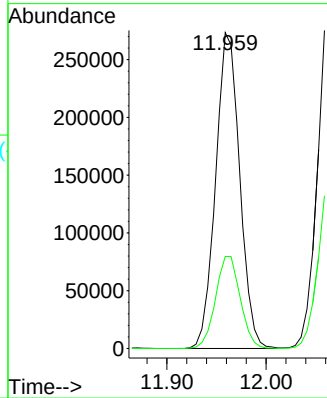
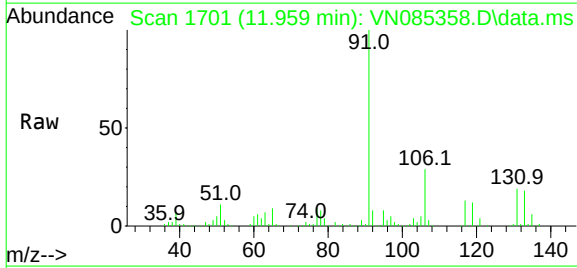
106 29.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#68

m/p-Xylenes

Concen: 104.600 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN085358.D

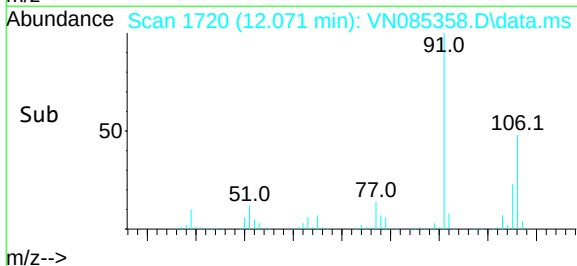
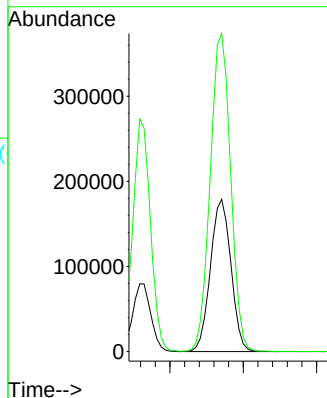
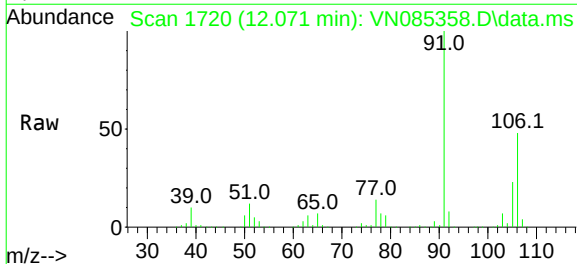
Acq: 30 Dec 2024 20:27

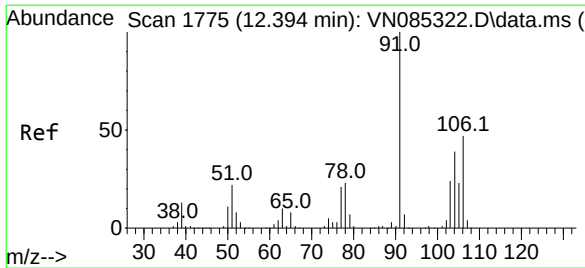
Tgt Ion:106 Resp: 347456

Ion Ratio Lower Upper

106 100

91 208.2 165.2 247.8





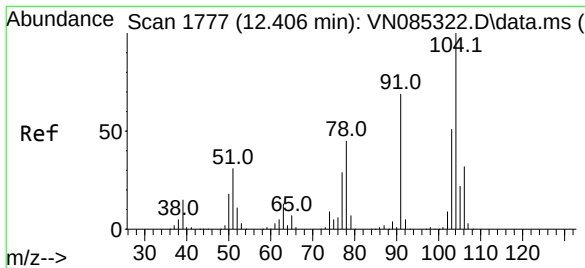
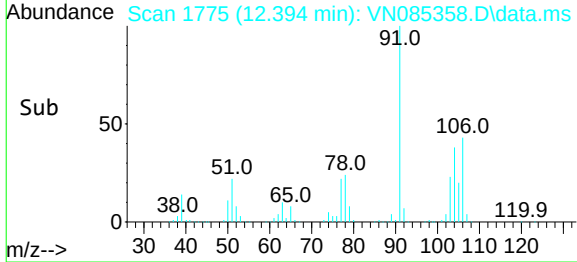
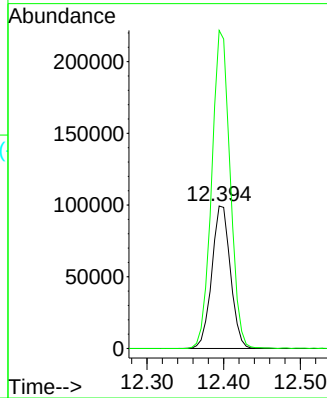
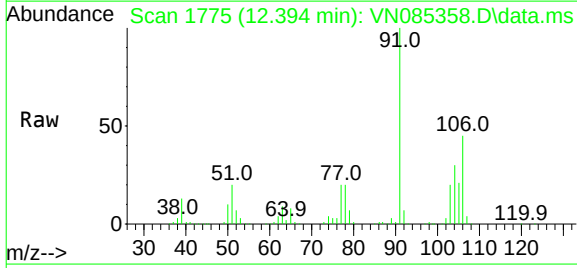
#69
o-Xylene
Concen: 52.160 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 167611
Ion Ratio Lower Upper
106 100
91 220.9 107.3 321.8

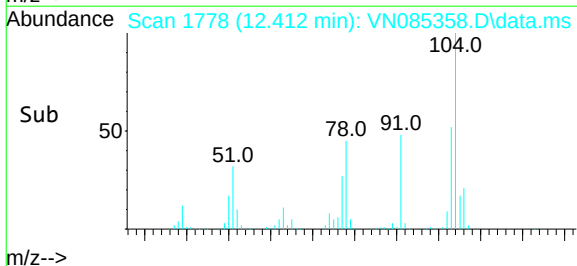
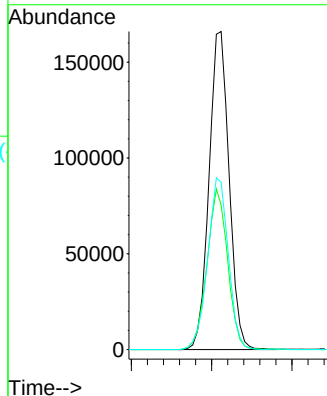
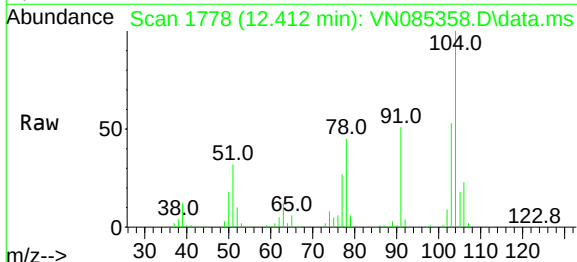
Manual Integrations
APPROVED

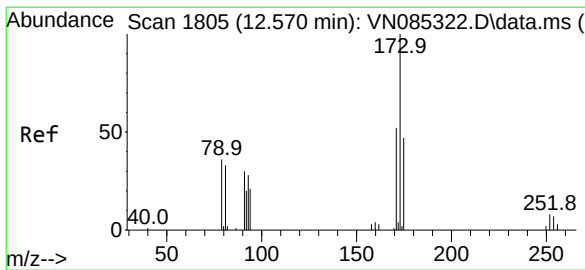
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#70
Styrene
Concen: 55.323 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion:104 Resp: 288119
Ion Ratio Lower Upper
104 100
78 52.0 40.7 61.1
103 55.5 44.1 66.1





#71

Bromoform

Concen: 56.594 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

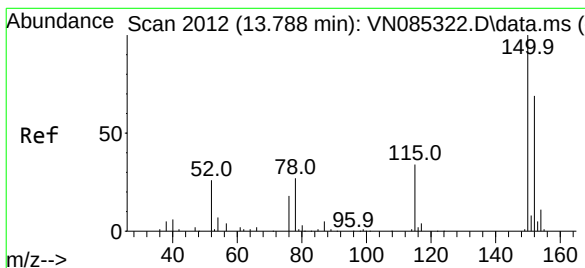
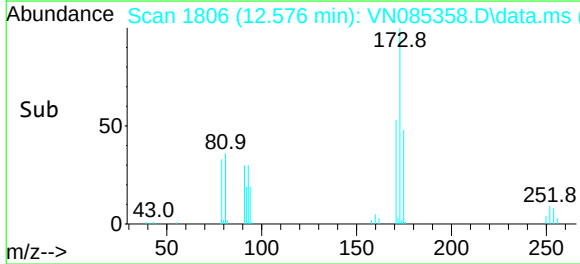
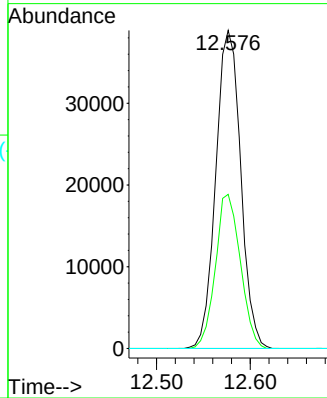
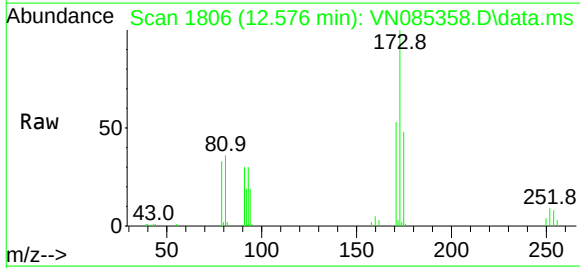
Tgt Ion:	173	Resp:	71804
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

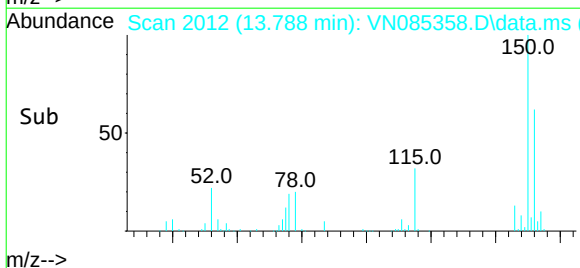
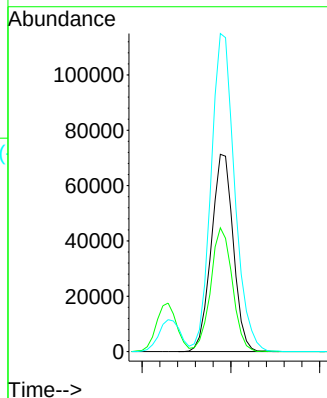
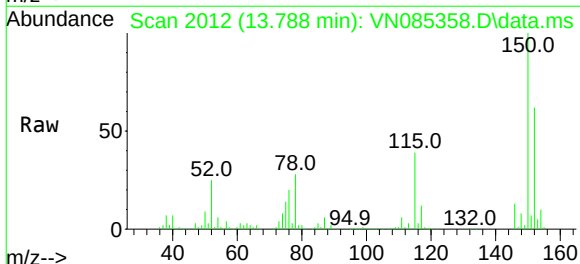
RT: 13.788 min Scan# 2012

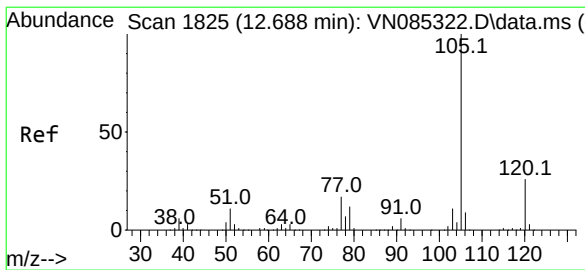
Delta R.T. 0.000 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

Tgt Ion:	152	Resp:	122697
Ion Ratio	Lower	Upper	
152	100		
115	61.7	30.4	91.3
150	173.2	0.0	345.0





#73

Isopropylbenzene

Concen: 48.006 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 423564

Ion Ratio Lower Upper

105 100

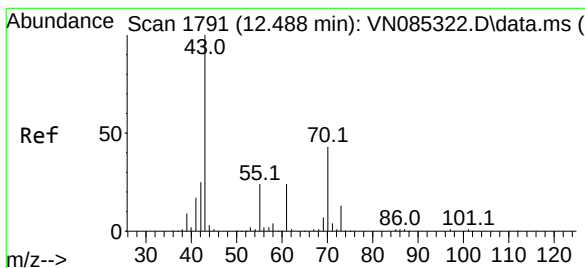
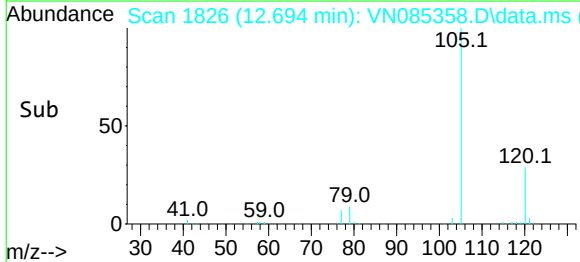
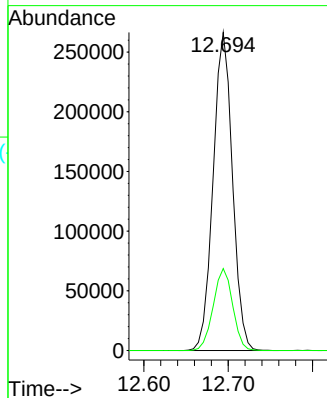
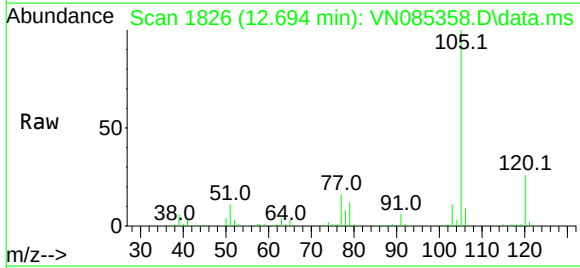
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#74

N-ethyl acetate

Concen: 58.194 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

Tgt Ion: 43 Resp: 219782

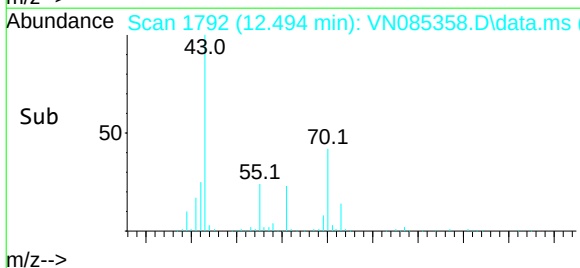
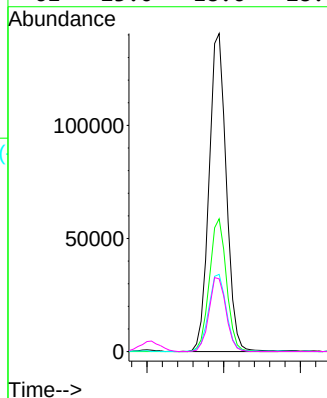
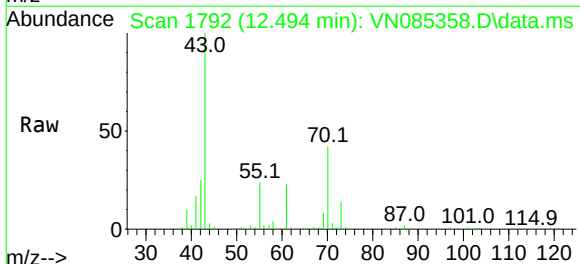
Ion Ratio Lower Upper

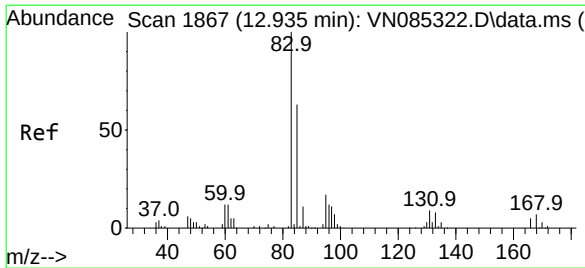
43 100

70 41.3 33.4 50.0

55 24.9 19.2 28.8

61 23.0 18.6 28.0





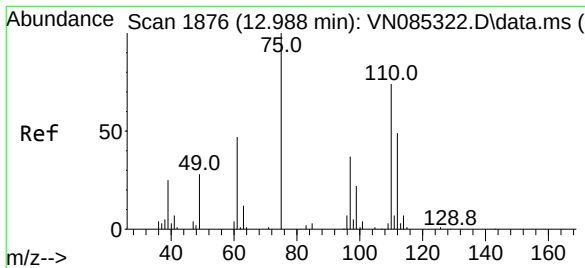
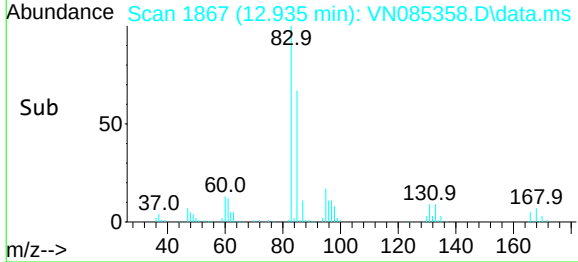
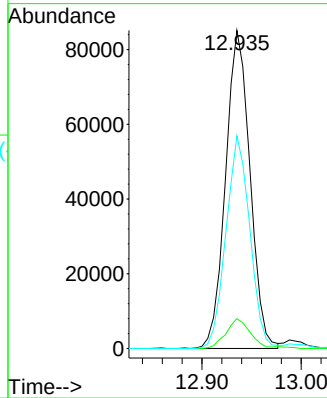
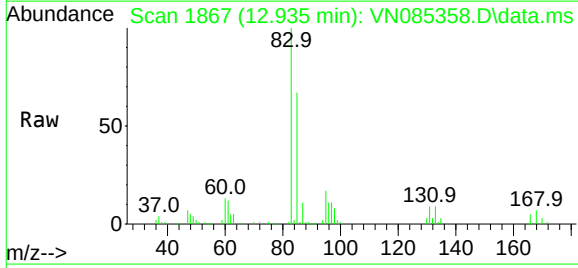
#75
1,1,2,2-Tetrachloroethane
Concen: 51.745 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 145408
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.4
85 65.5 32.6 98.0

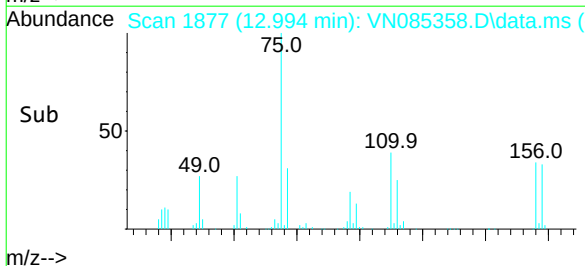
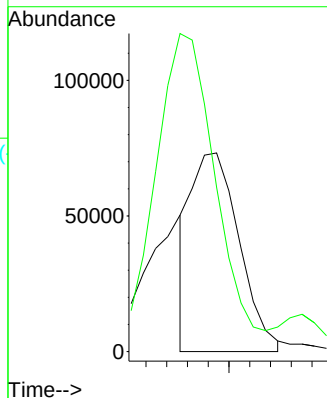
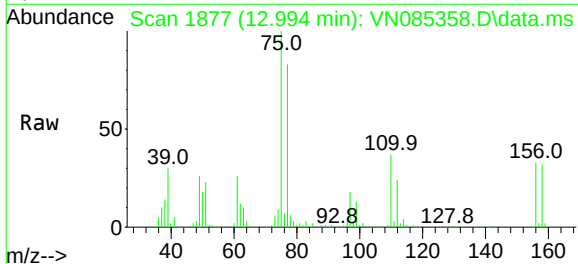
Manual Integrations
APPROVED

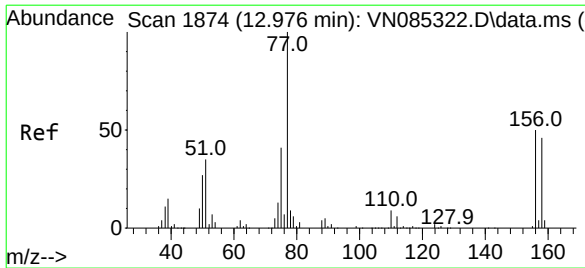
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#76
1,2,3-Trichloropropane
Concen: 51.364 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

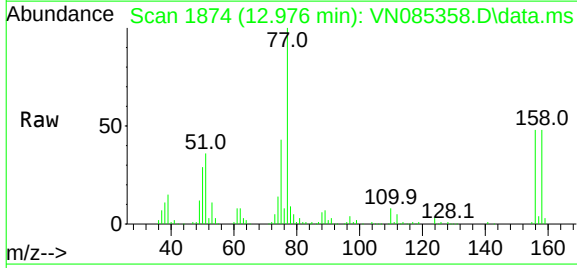
Tgt Ion: 75 Resp: 117686
Ion Ratio Lower Upper
75 100
77 202.7 98.1 294.3





#77
Bromobenzene
Concen: 46.430 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

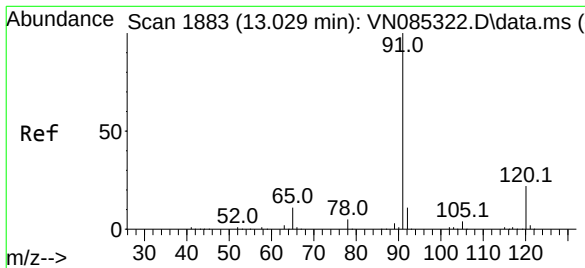
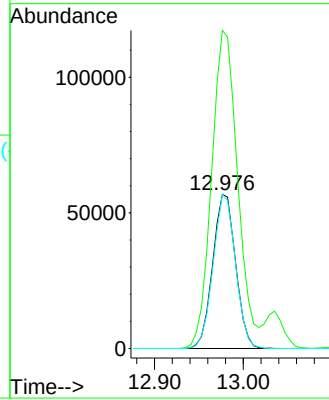
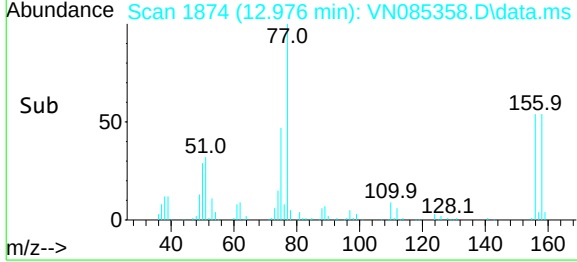
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 101496
Ion Ratio Lower Upper
156 100
77 235.0 114.0 342.0
158 97.6 47.6 142.8

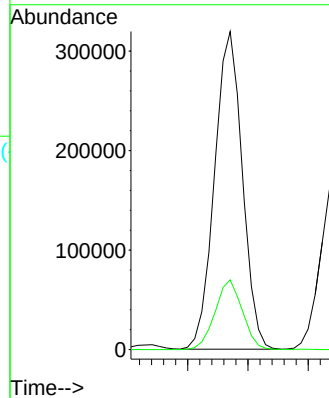
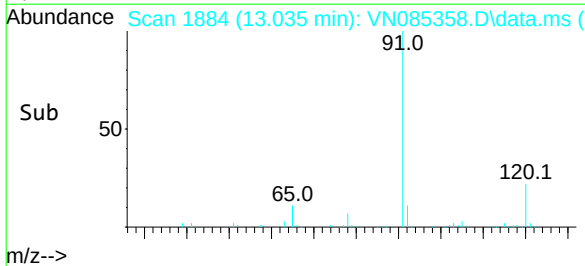
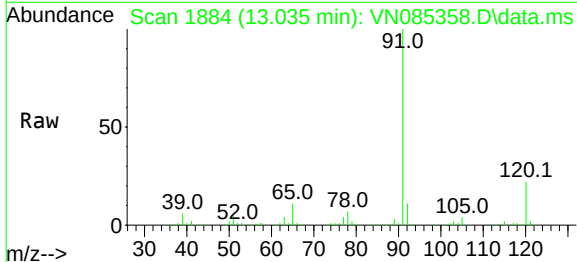
Manual Integrations
APPROVED

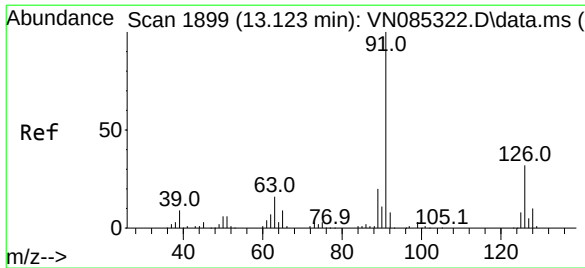
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#78
n-propylbenzene
Concen: 49.695 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion: 91 Resp: 511108
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9





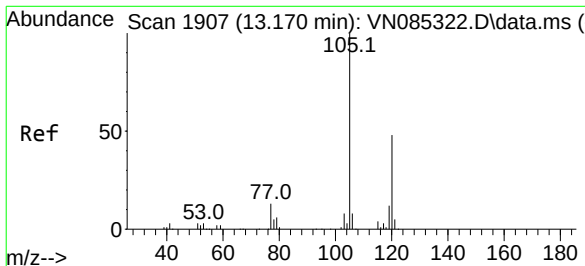
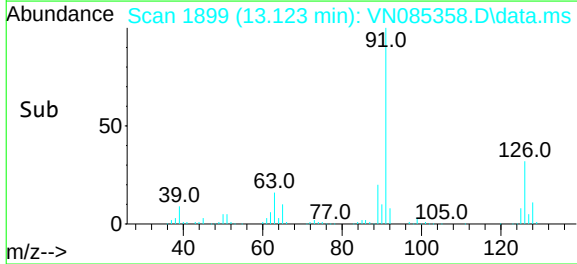
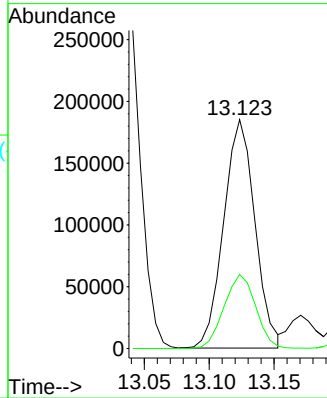
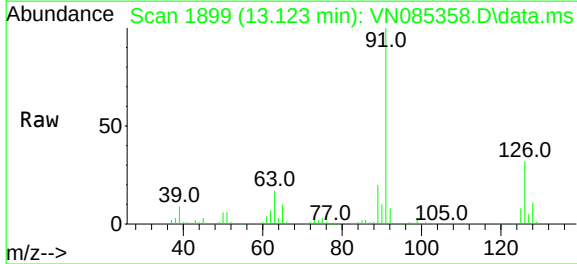
#79
2-Chlorotoluene
Concen: 47.933 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 310263
Ion Ratio Lower Upper
91 100
126 32.7 16.0 48.0

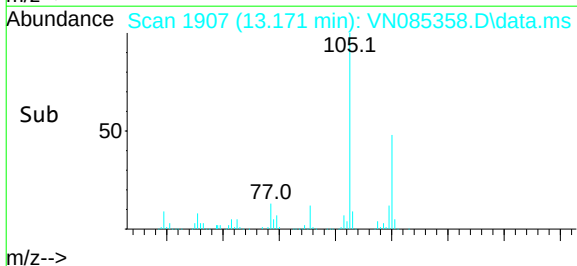
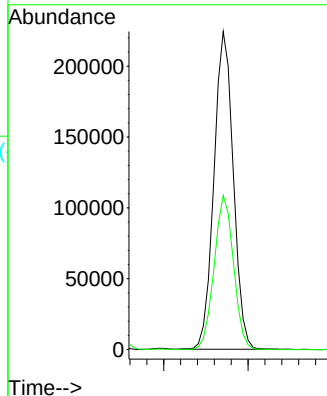
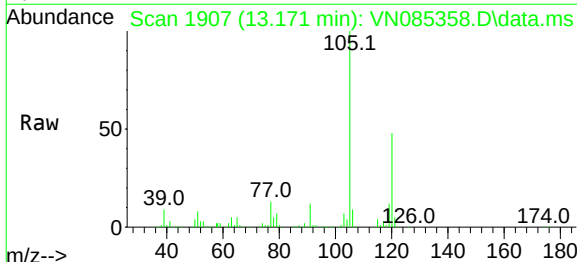
Manual Integrations
APPROVED

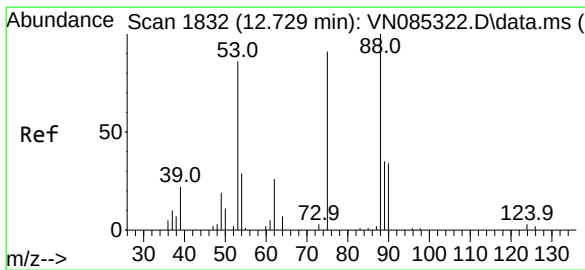
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.011 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

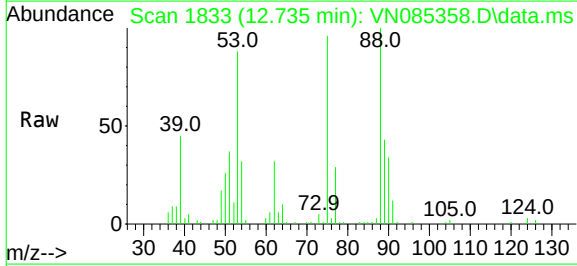
Tgt Ion:105 Resp: 356920
Ion Ratio Lower Upper
105 100
120 48.7 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 52.071 ug/l m
RT: 12.735 min Scan# 1832
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

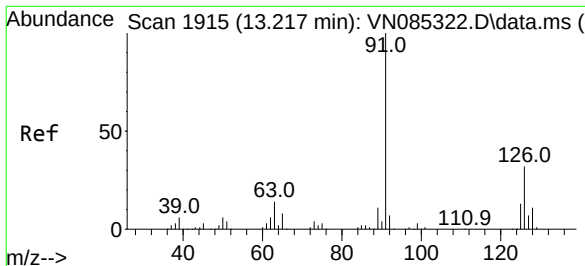
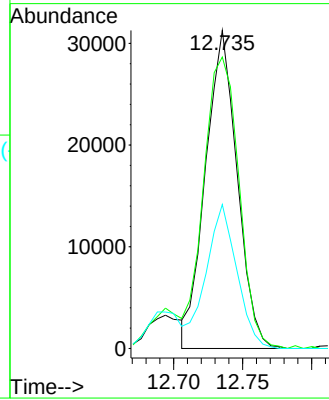
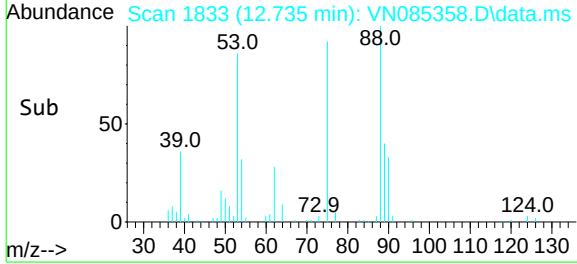
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 49818
Ion Ratio Lower Upper
75 100
53 102.3 80.0 120.0
89 44.4 35.8 53.8

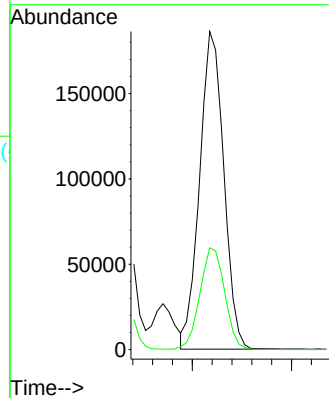
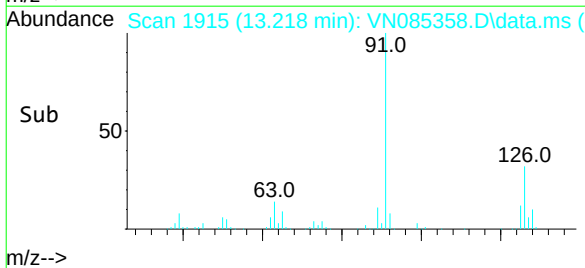
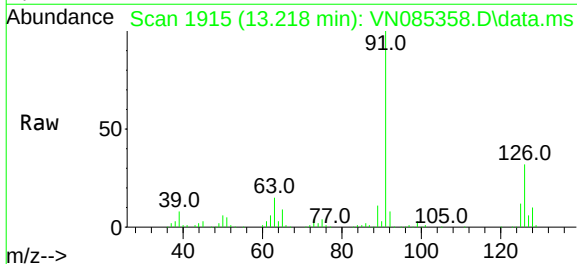
Manual Integrations
APPROVED

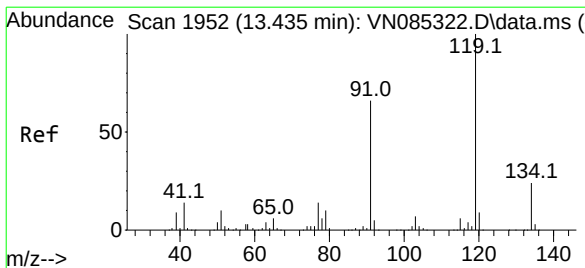
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#82
4-Chlorotoluene
Concen: 48.250 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion: 91 Resp: 314547
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4





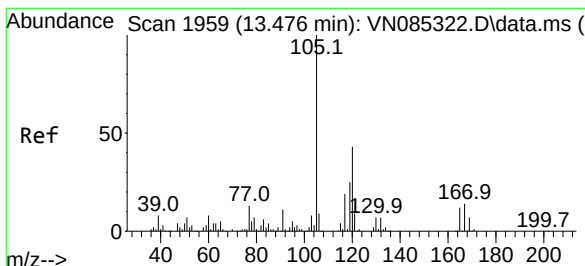
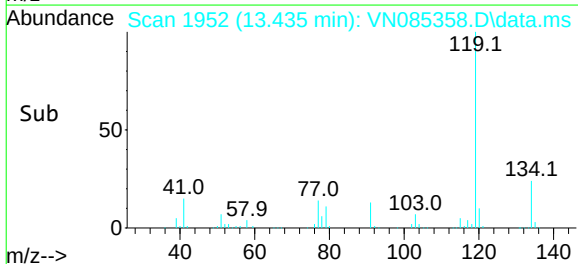
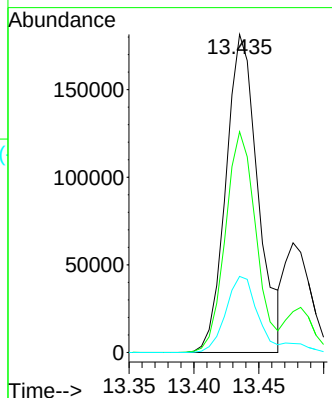
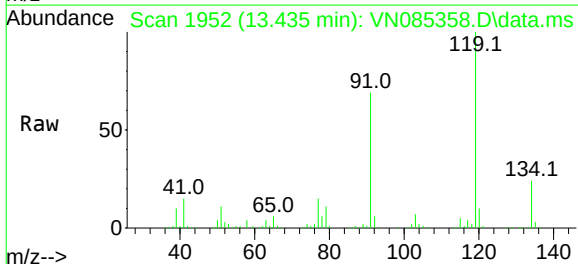
#83
tert-Butylbenzene
Concen: 50.538 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 312437
Ion Ratio Lower Upper
119 100
91 66.5 33.6 100.8
134 25.7 13.3 39.8

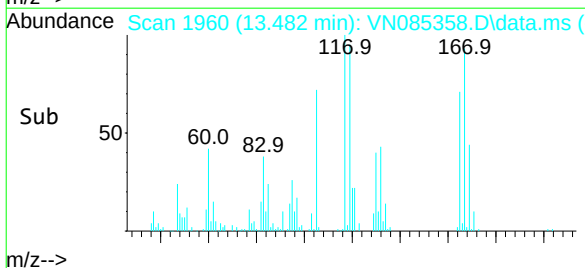
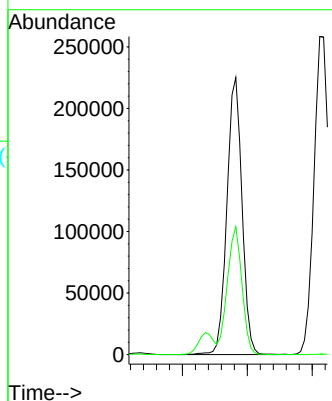
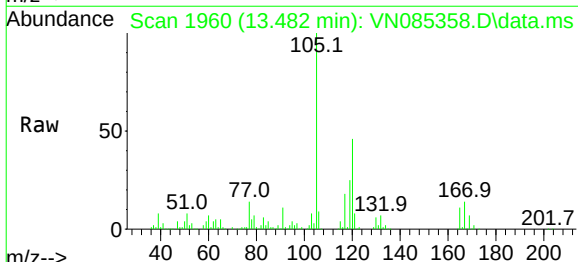
Manual Integrations
APPROVED

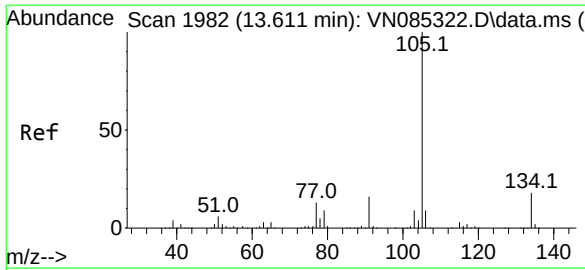
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#84
1,2,4-Trimethylbenzene
Concen: 51.174 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion:105 Resp: 363664
Ion Ratio Lower Upper
105 100
120 44.6 21.7 65.1





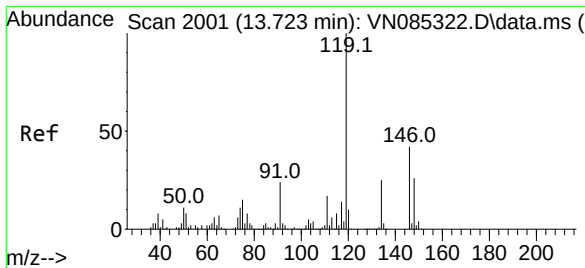
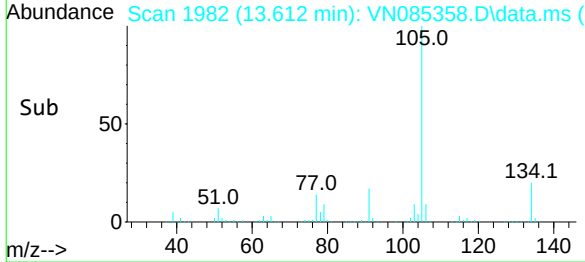
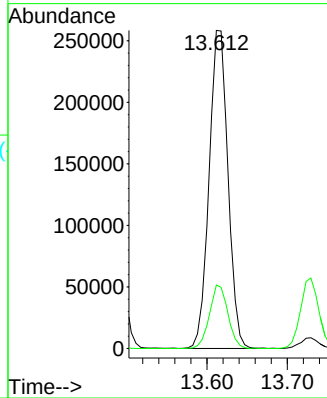
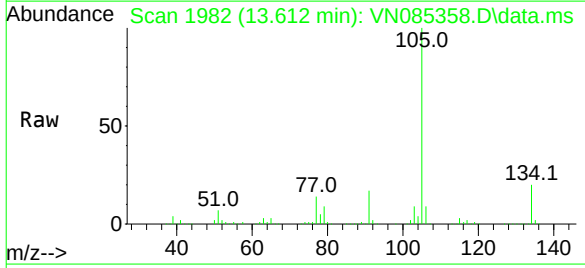
#85
sec-Butylbenzene
Concen: 49.139 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 421677
Ion Ratio Lower Upper
105 100
134 19.5 9.4 28.3

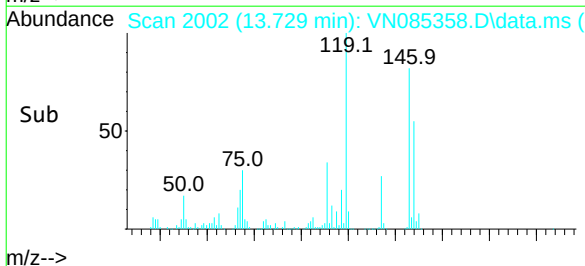
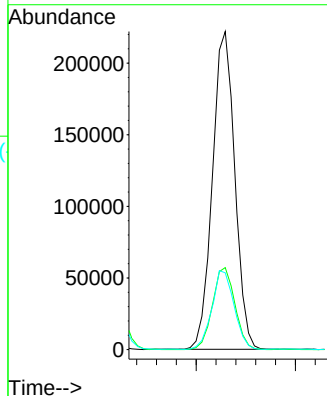
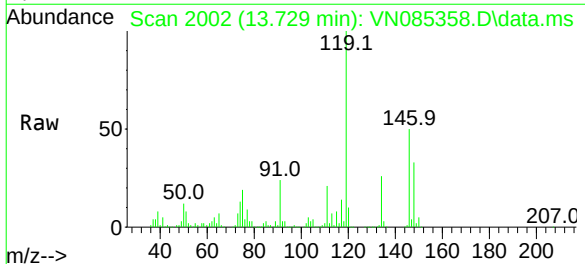
Manual Integrations
APPROVED

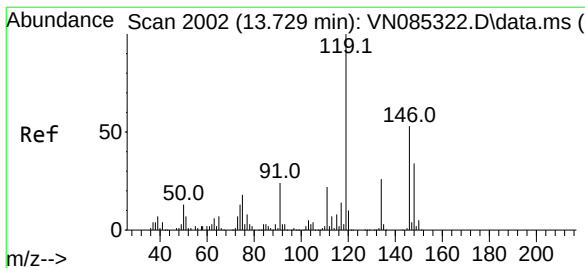
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#86
p-Isopropyltoluene
Concen: 45.475 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion:119 Resp: 347135
Ion Ratio Lower Upper
119 100
134 25.9 12.5 37.5
91 24.6 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 47.733 ug/l

RT: 13.729 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

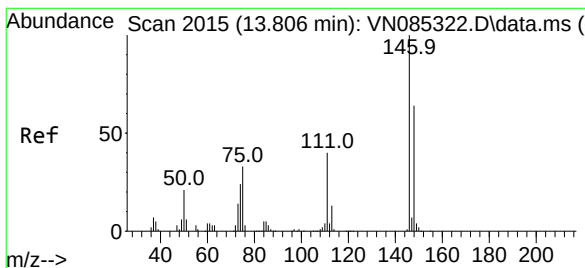
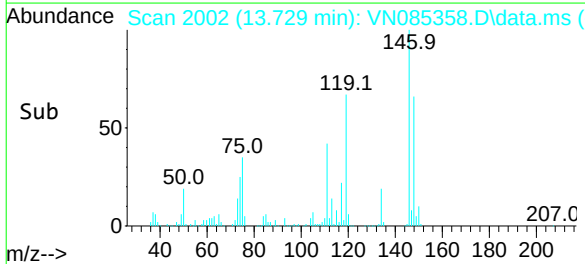
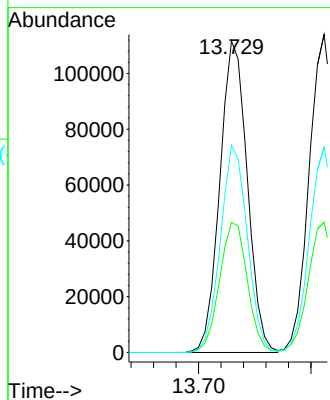
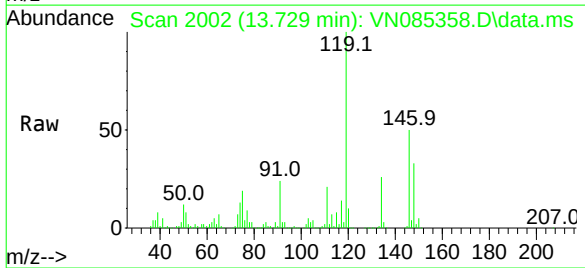
Tgt Ion:	146	Resp:	189159
Ion Ratio	Lower	Upper	
146	100		
111	42.4	21.3	63.9
148	65.4	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#88

1,4-Dichlorobenzene

Concen: 46.761 ug/l

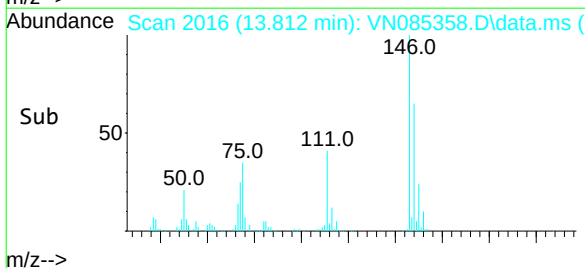
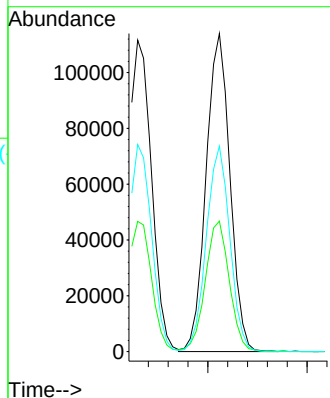
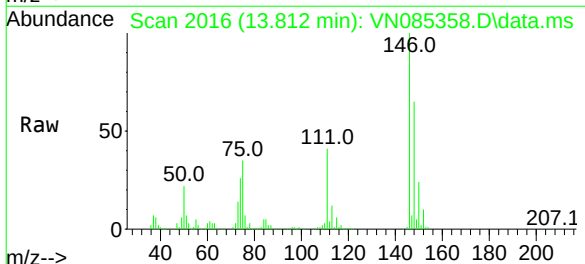
RT: 13.812 min Scan# 2016

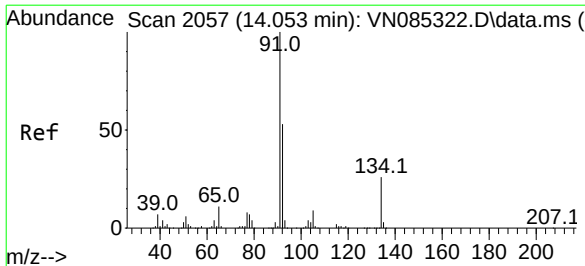
Delta R.T. 0.006 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

Tgt Ion:	146	Resp:	190348
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.8	62.5
148	63.7	31.7	95.1





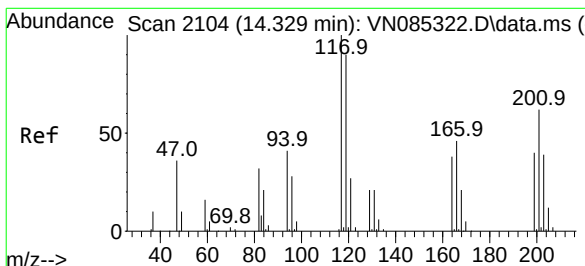
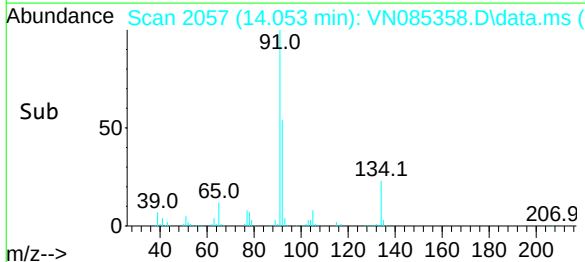
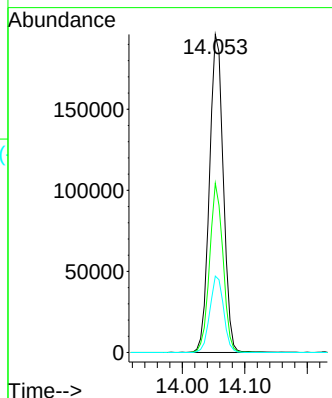
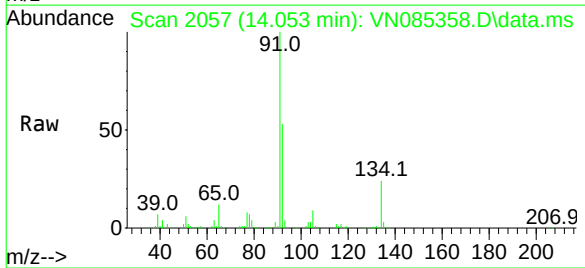
#89
n-Butylbenzene
Concen: 48.086 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 302168
Ion Ratio Lower Upper
91 100
92 51.5 26.0 78.0
134 23.8 12.1 36.3

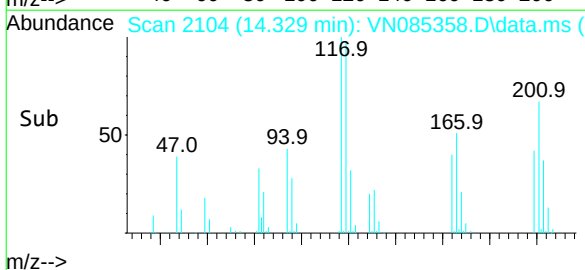
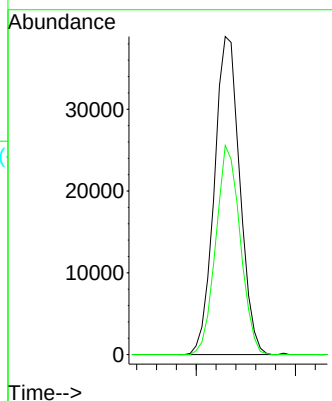
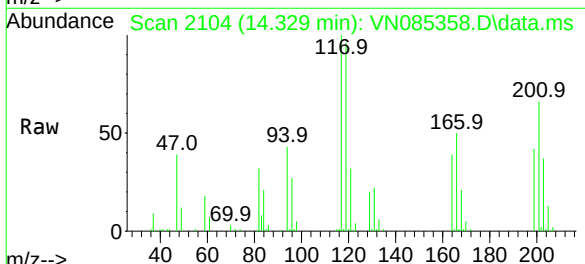
Manual Integrations
APPROVED

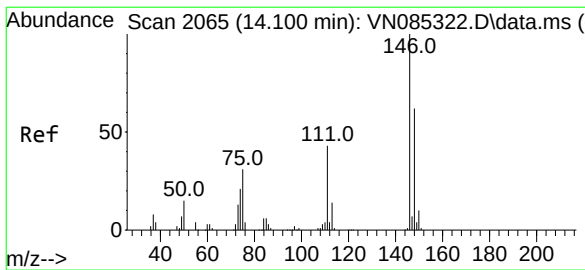
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#90
Hexachloroethane
Concen: 49.294 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion:117 Resp: 69337
Ion Ratio Lower Upper
117 100
201 63.0 30.7 92.1





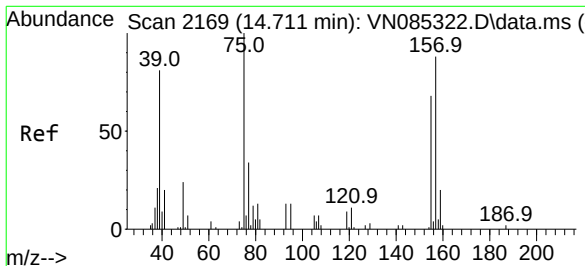
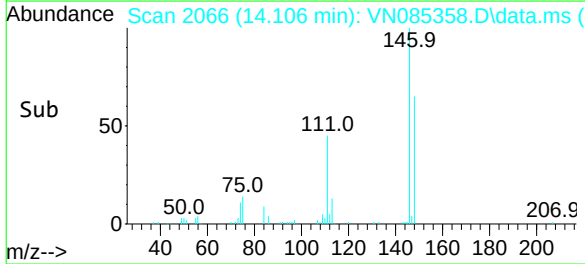
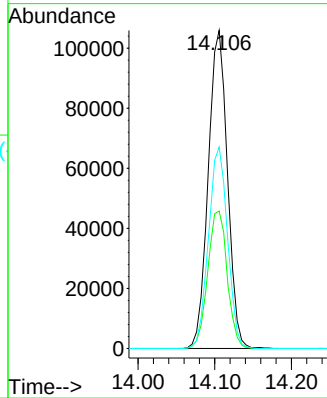
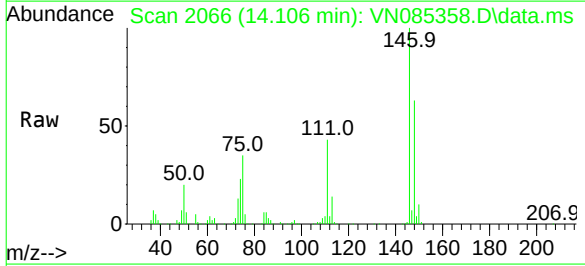
#91
1,2-Dichlorobenzene
Concen: 48.782 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.8	65.3
148	62.9	31.4	94.2

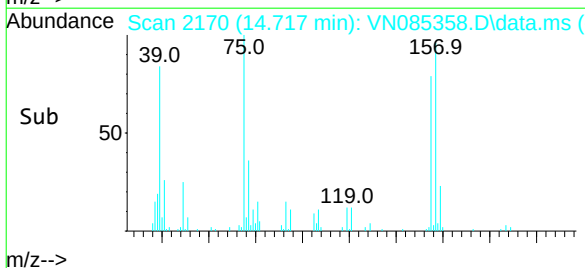
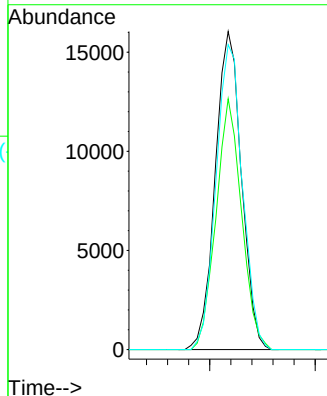
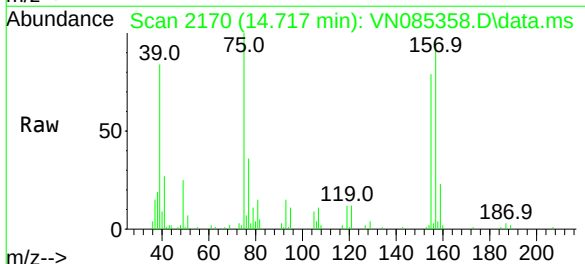
Manual Integrations
APPROVED

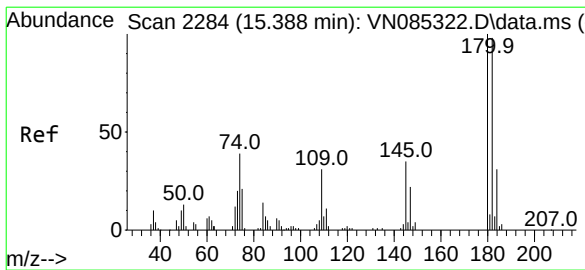
Reviewed By :John Carlone 12/31/2024
Supervised By :Mahesh Dadoda 12/31/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.374 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085358.D
Acq: 30 Dec 2024 20:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	35.6	106.9
157	96.7	47.0	141.0





#93

1,2,4-Trichlorobenzene

Concen: 48.087 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 90598

Ion Ratio Lower Upper

180 100

182 92.7 47.2 141.6

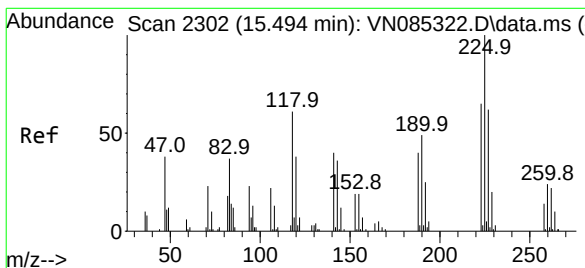
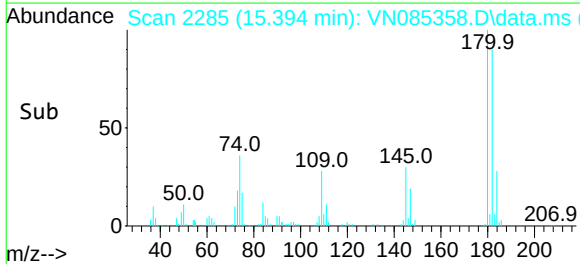
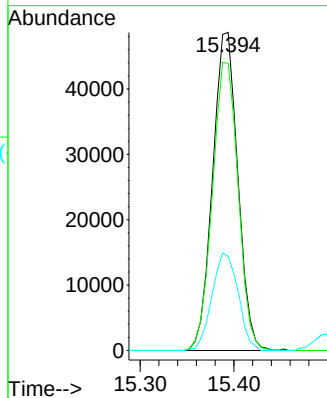
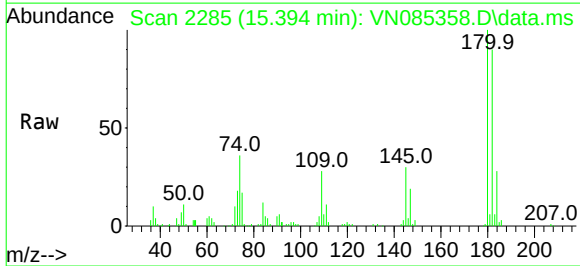
145 31.9 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/31/2024

Supervised By :Mahesh Dadoda 12/31/2024



#94

Hexachlorobutadiene

Concen: 40.328 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

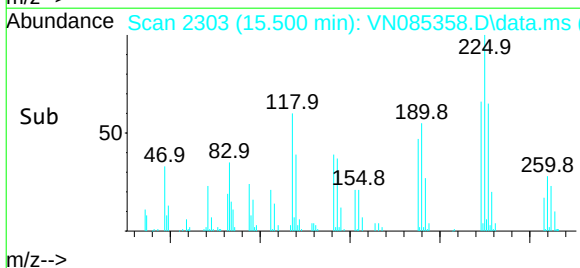
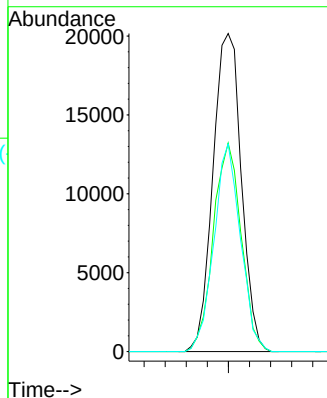
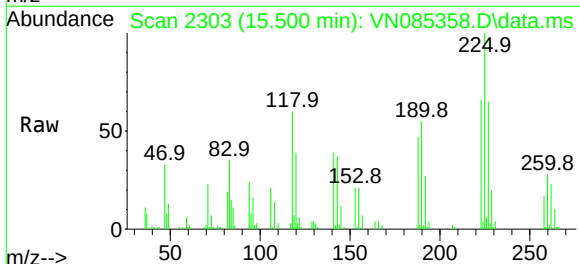
Tgt Ion:225 Resp: 37751

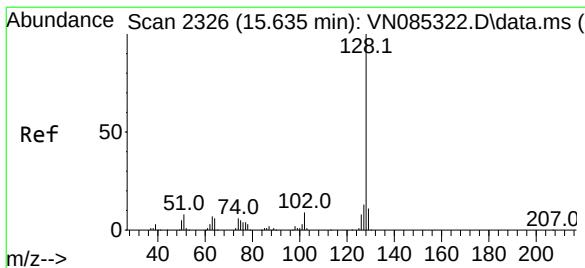
Ion Ratio Lower Upper

225 100

223 64.2 31.6 94.7

227 61.1 30.3 91.0





#95

Naphthalene

Concen: 48.227 ug/l

RT: 15.641 min Scan# 23

Delta R.T. 0.006 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

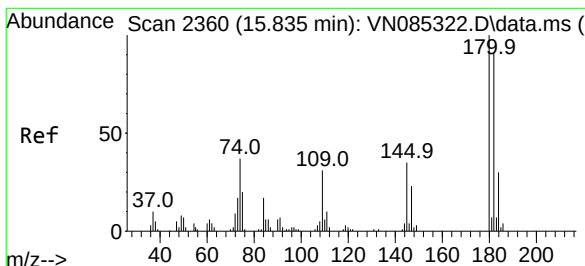
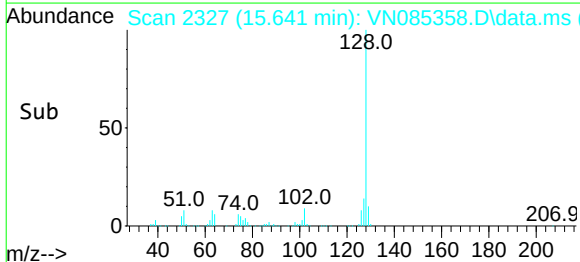
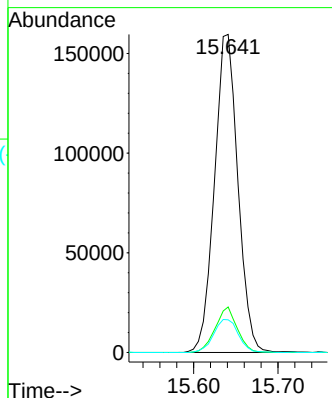
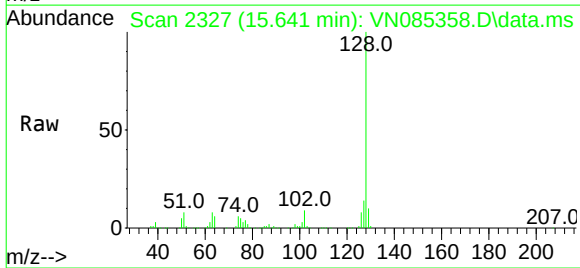
VSTDCCC050EC

Tgt Ion:	128	Resp:	308110
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.0	8.5	12.7

Manual Integrations

APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 47.585 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085358.D

Acq: 30 Dec 2024 20:27

Tgt Ion:	180	Resp:	89577
Ion	Ratio	Lower	Upper
180	100		
182	92.2	46.8	140.4
145	33.3	17.2	51.6

