

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084341.D
 Acq On : 08 Oct 2024 11:19
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 02:09:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:04:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	33135	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	182092	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	168912	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80437	30.153	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.500%	
60) 4-Bromofluorobenzene	12.847	95	78531	28.170	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.900%	
63) Toluene-d8	10.565	98	237159	30.307	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.033%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	10592	5.236	ug/l	94
3) Chloromethane	2.359	50	11862	5.153	ug/l	93
4) Vinyl Chloride	2.512	62	11670	5.169	ug/l	90
5) Bromomethane	2.953	94	9027	6.035	ug/l	96
6) Chloroethane	3.118	64	8876	5.997	ug/l	92
7) Trichlorofluoromethane	3.500	101	19359	5.264	ug/l	91
8) Diethyl Ether	3.959	74	4859	3.594	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.377	101	10938	5.290	ug/l	70
10) 1,1-Dichloroethene	4.342	96	10884	5.275	ug/l	97
11) Methyl Iodide	4.595	142	13135	4.845	ug/l	98
12) Methyl Acetate	5.030	43	12264	4.748	ug/l	97
13) Acrolein	4.183	56	12398	25.840	ug/l	93
14) Acrylonitrile	5.718	53	14569	12.555	ug/l #	20
15) Acetone	4.436	58	7318	22.077	ug/l	94
16) Carbon Disulfide	4.706	76	33723	5.489	ug/l	98
17) Allyl chloride	5.030	41	16359	4.891	ug/l	97
18) Methylene Chloride	5.277	84	7050	3.033	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	11347	5.197	ug/l	86
20) Diisopropyl ether	6.677	45	34552	4.805	ug/l #	93
21) 1,1-Dichloroethane	6.571	63	21583	5.231	ug/l	93
22) cis-1,2-Dichloroethene	7.483	96	12611	4.963	ug/l	96
23) tert-Butyl Alcohol	5.524	59	11110	24.960	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	33238	4.821	ug/l #	91
25) Chloroform	7.971	83	21052	5.038	ug/l	92
26) Cyclohexane	8.259	56	16244	4.707	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	14635	4.896	ug/l	99
30) 2-Butanone	7.488	43	36686	23.051	ug/l #	98
31) 2,2-Dichloropropane	7.494	77	16984	4.835	ug/l #	78
32) 1,1,1-Trichloroethane	8.159	97	12175	3.186	ug/l #	52
33) Carbon Tetrachloride	8.365	117	16613	5.019	ug/l	91
34) Benzene	8.600	78	47206	5.045	ug/l #	80
35) Methacrylonitrile	7.771	41	3912	2.304	ug/l	95
36) 1,2-Dichloroethane	8.671	62	15630	5.011	ug/l	100
37) Trichloroethene	9.353	130	10715	4.973	ug/l	96
38) Methylcyclohexane	9.600	83	14911	4.541	ug/l	92
39) 1,2-Dichloropropane	9.618	63	11390	4.992	ug/l	90
40) Dibromomethane	9.706	93	8154	5.113	ug/l	98
41) Bromodichloromethane	9.882	83	16959	5.009	ug/l	93
42) Vinyl Acetate	6.606	43	127008	22.946	ug/l	98

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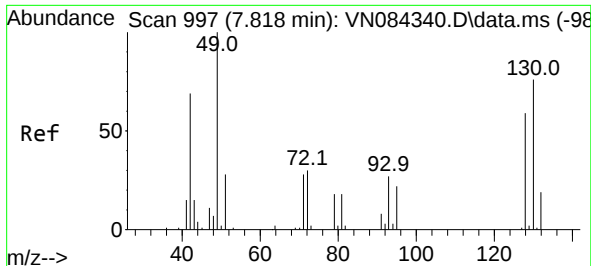
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	13741	4.378	ug/l	98
44) Isopropyl Acetate	8.694	43	23240	4.524	ug/l	100
45) 1,4-Dioxane	9.694	88	4149	89.589	ug/l	97
46) Methyl methacrylate	9.682	41	11210	4.516	ug/l	88
47) n-amyl Acetate	12.494	43	19132	4.187	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	17119	4.893	ug/l	92
49) cis-1,3-Dichloropropene	10.312	75	16720	4.560	ug/l #	86
50) 1,1,2-Trichloroethane	11.018	97	10856	5.065	ug/l	92
51) Ethyl methacrylate	10.871	69	14547	4.109	ug/l	90
52) 1,3-Dichloropropane	11.165	76	18781	5.011	ug/l	98
53) Dibromochloromethane	11.353	129	12356	4.880	ug/l	99
54) 1,2-Dibromoethane	11.471	107	10689	4.844	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	33972	21.155	ug/l	97
56) Bromoform	12.576	173	7936	4.725	ug/l #	92
58) 4-Methyl-2-Pentanone	10.447	43	72827	23.145	ug/l	97
59) 2-Hexanone	11.194	43	51606	22.071	ug/l	97
61) Tetrachloroethene	11.100	164	10061	5.266	ug/l	93
62) Toluene	10.629	91	49743	5.030	ug/l	97
64) Chlorobenzene	11.888	112	31991	5.199	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	10606	4.961	ug/l	98
66) Ethyl Benzene	11.965	91	48285	4.494	ug/l	99
67) m/p-Xylenes	12.070	106	36802	9.030	ug/l	99
68) o-Xylene	12.400	106	18036	4.591	ug/l	94
69) Styrene	12.412	104	29815	4.421	ug/l	97
70) Isopropylbenzene	12.694	105	44677	4.455	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	15289	4.928	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	18996	7.159	ug/l	59
73) Bromobenzene	12.982	156	11720	4.826	ug/l	97
74) n-propylbenzene	13.035	91	52955	4.431	ug/l	98
75) 2-Chlorotoluene	13.123	91	34704	4.673	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	37234	4.410	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	4820	4.245	ug/l	83
78) 4-Chlorotoluene	13.217	91	35132	4.653	ug/l	97
79) tert-butylbenzene	13.435	119	31579	4.384	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	37927	4.427	ug/l	95
81) sec-Butylbenzene	13.612	105	42859	4.321	ug/l	99
82) p-Isopropyltoluene	13.729	119	36191	4.335	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	21112	4.675	ug/l	95
84) 1,4-Dichlorobenzene	13.812	146	22118	4.932	ug/l	97
85) n-Butylbenzene	14.053	91	29988	4.148	ug/l	98
86) Hexachloroethane	14.335	117	7779	4.837	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	21047	4.820	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	2761	4.352	ug/l	94
89) 1,2,4-Trichlorobenzene	15.841	180	10483	4.618	ug/l	99
90) Hexachlorobutadiene	15.500	225	6201	5.904	ug/l	98
91) Naphthalene	15.641	128	30757	3.998	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	10483	4.618	ug/l	99

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

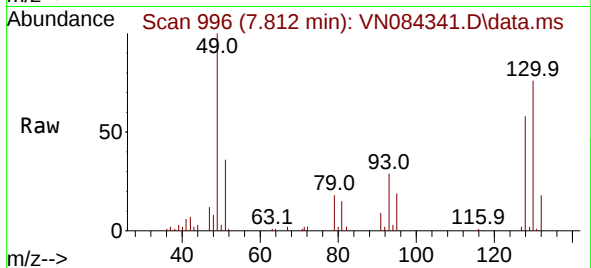
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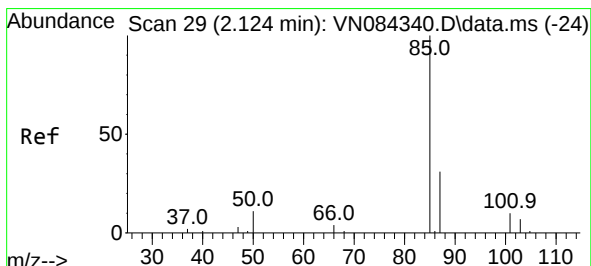
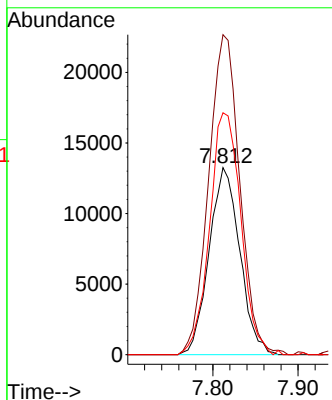
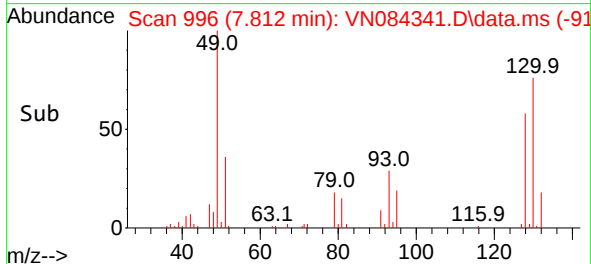


#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.812 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN084341.D
 Acq: 08 Oct 2024 11:19

Instrument :
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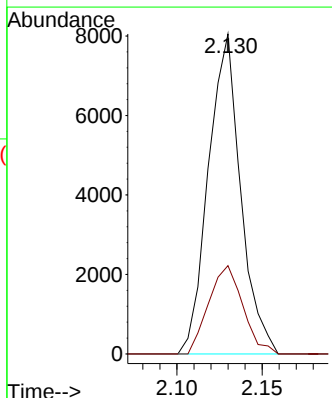
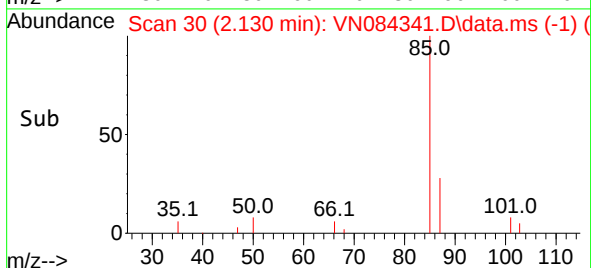
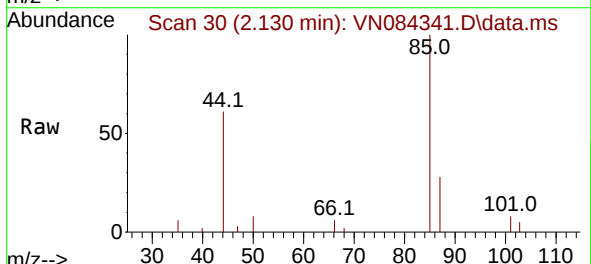


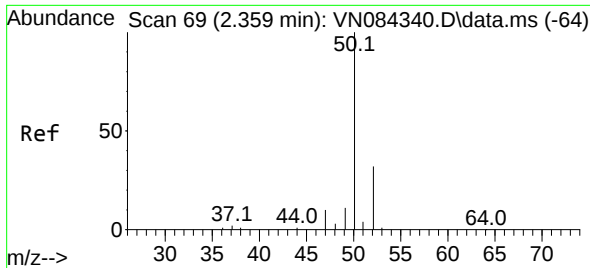
Tgt Ion:128 Resp: 33135
 Ion Ratio Lower Upper
 128 100
 49 173.7 0.0 430.0
 130 131.7 0.0 329.8



#2
 Dichlorodifluoromethane
 Concen: 5.236 ug/l
 RT: 2.130 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VN084341.D
 Acq: 08 Oct 2024 11:19

Tgt Ion: 85 Resp: 10592
 Ion Ratio Lower Upper
 85 100
 87 27.6 15.4 46.4

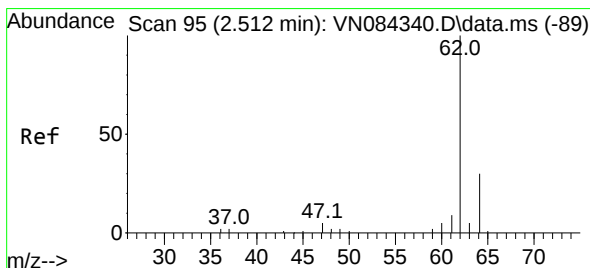
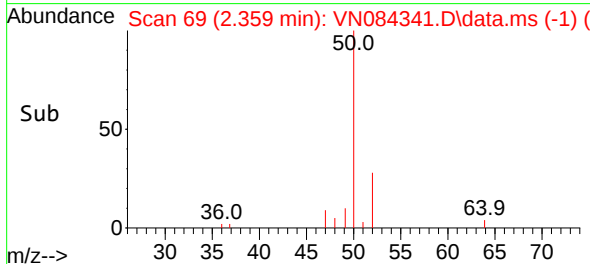
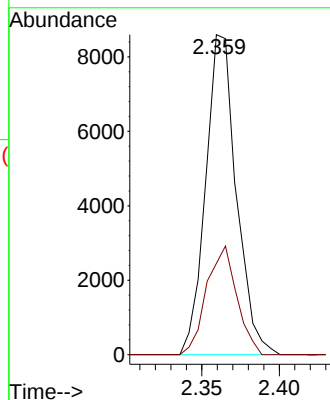
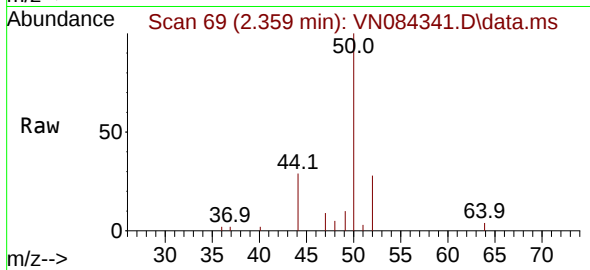




#3
Chloromethane
Concen: 5.153 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

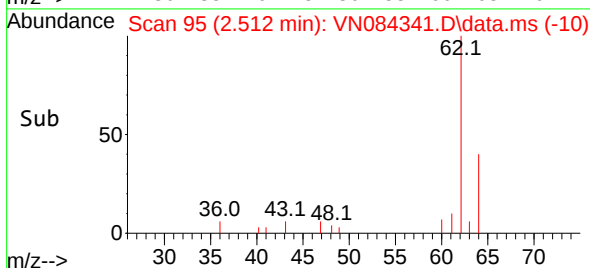
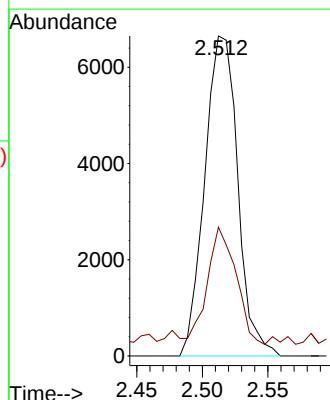
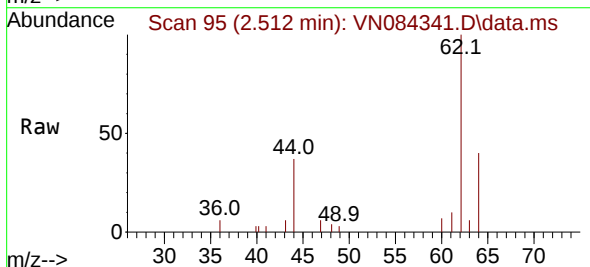
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MSVOA_N
ClientSampleId :

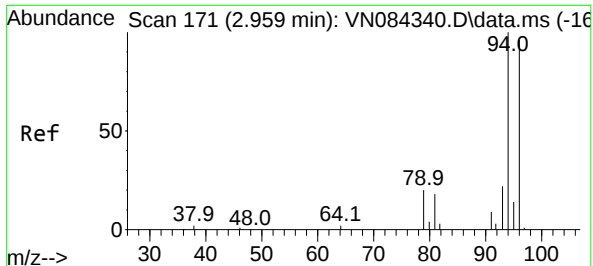
Tgt Ion: 50 Resp: 11862
Ion Ratio Lower Upper
50 100
52 28.5 25.8 38.6



#4
Vinyl Chloride
Concen: 5.169 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 62 Resp: 11670
Ion Ratio Lower Upper
62 100
64 35.9 24.3 36.5

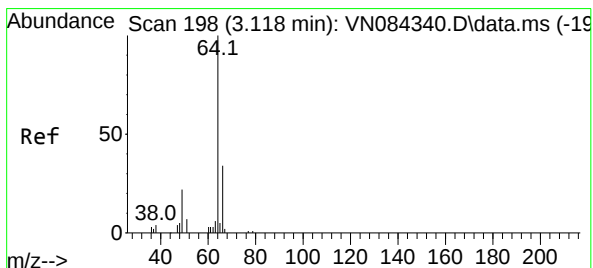
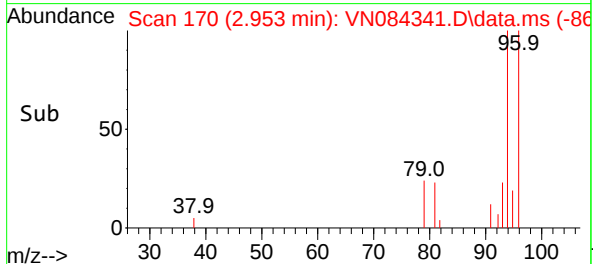
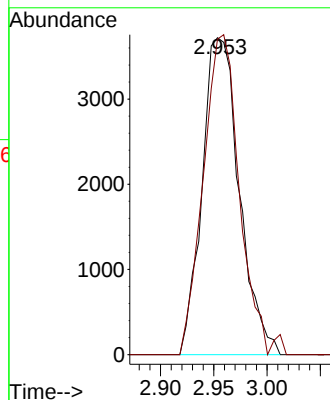
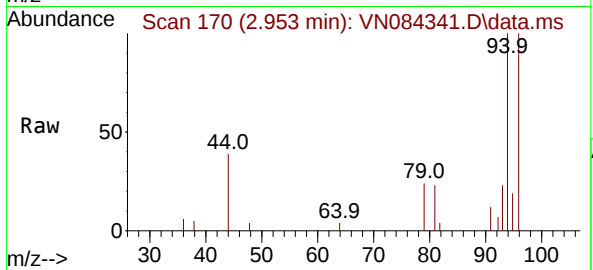




#5
Bromomethane
Concen: 6.035 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

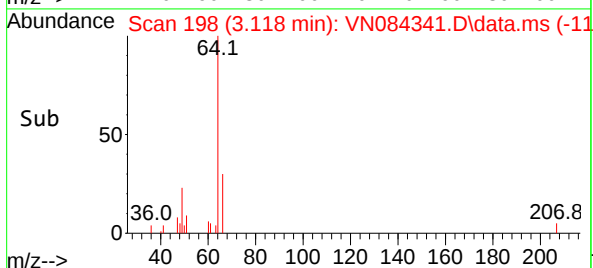
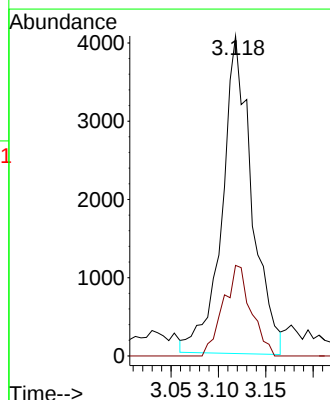
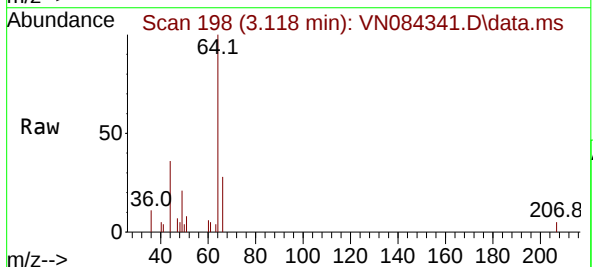
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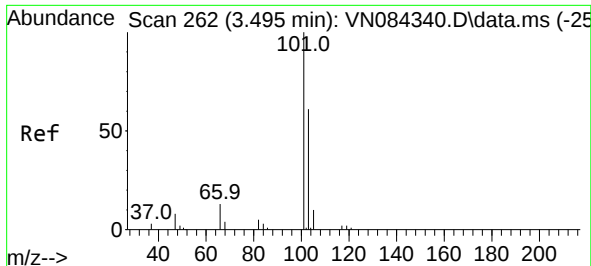
Tgt Ion: 94 Resp: 9027
Ion Ratio Lower Upper
94 100
96 99.5 76.7 115.1



#6
Chloroethane
Concen: 5.997 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 64 Resp: 8876
Ion Ratio Lower Upper
64 100
66 29.7 27.7 41.5

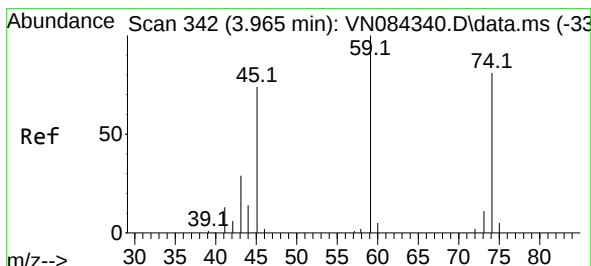
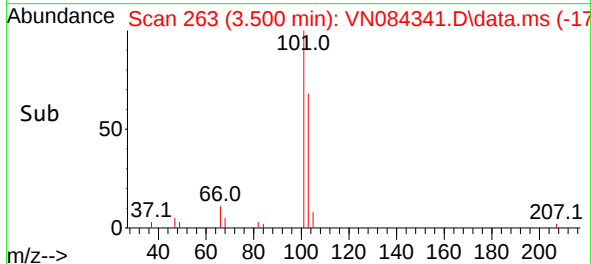
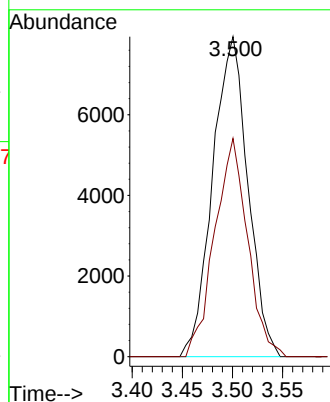
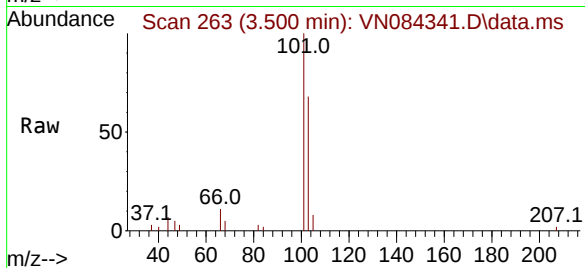




#7
 Trichlorofluoromethane
 Concen: 5.264 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084341.D
 Acq: 08 Oct 2024 11:19

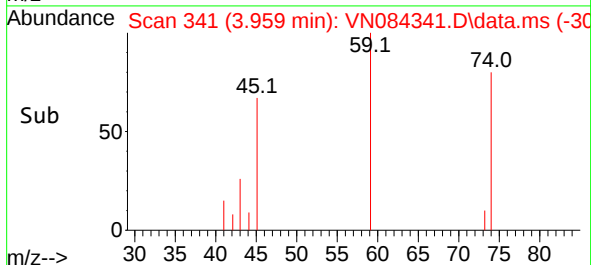
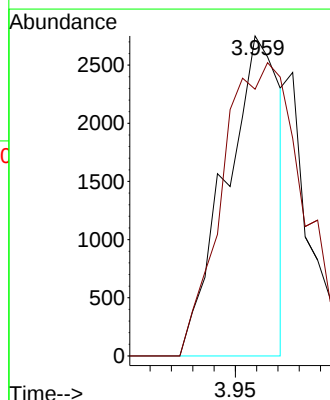
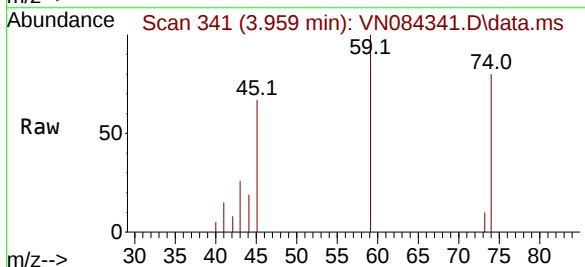
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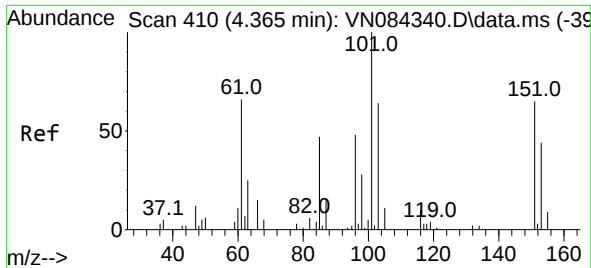
Tgt Ion:101 Resp: 19359
 Ion Ratio Lower Upper
 101 100
 103 68.2 49.0 73.6



#8
 Diethyl Ether
 Concen: 3.594 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN084341.D
 Acq: 08 Oct 2024 11:19

Tgt Ion: 74 Resp: 4859
 Ion Ratio Lower Upper
 74 100
 45 65.1 19.2 173.2

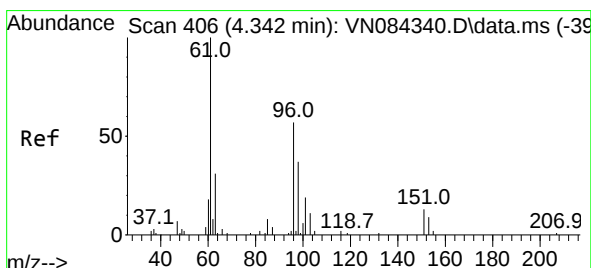
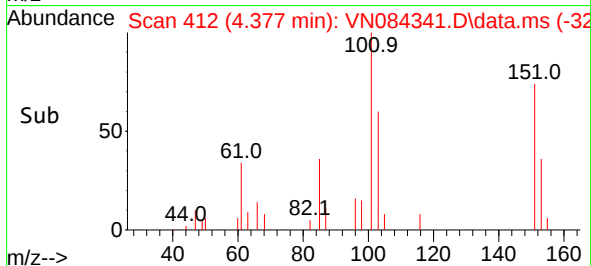
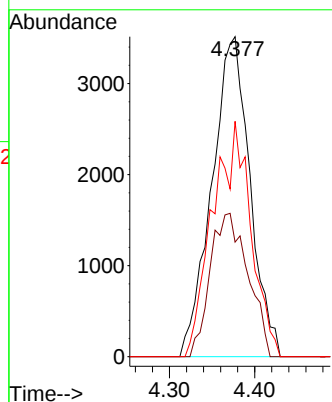
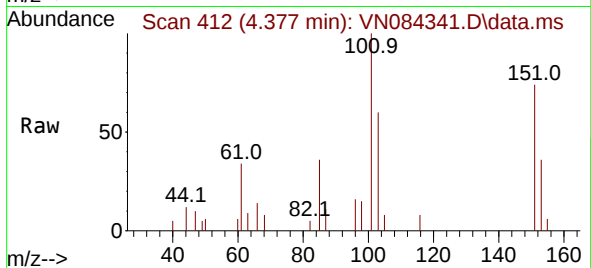




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.290 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

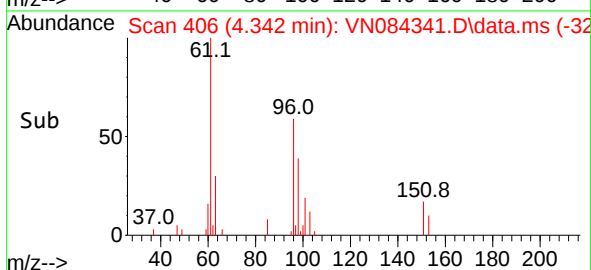
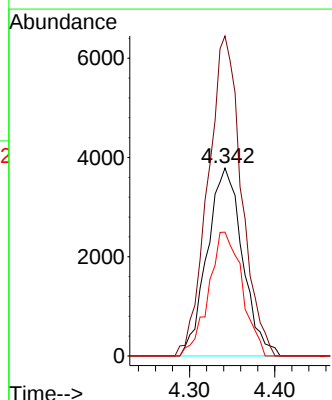
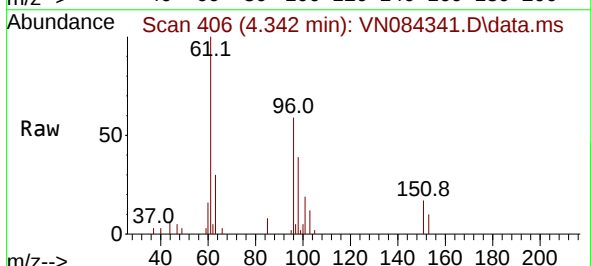
Instrument :
MSVOA_N
ClientSampleId :

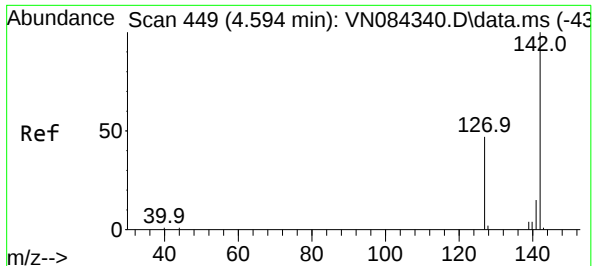
Tgt Ion:101 Resp: 10938
Ion Ratio Lower Upper
101 100
85 44.3 0.0 93.6
151 35.8 0.0 151.8



#10
1,1-Dichloroethene
Concen: 5.275 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

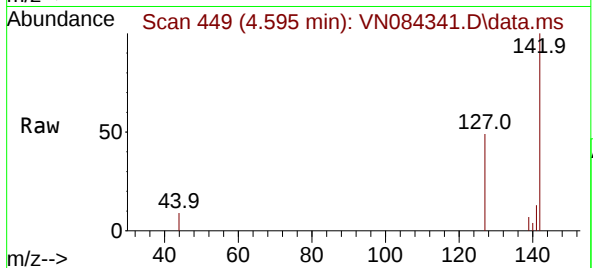
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Ion Ratio Lower Upper
96 100
61 170.4 140.8 211.2
98 66.0 52.2 78.2



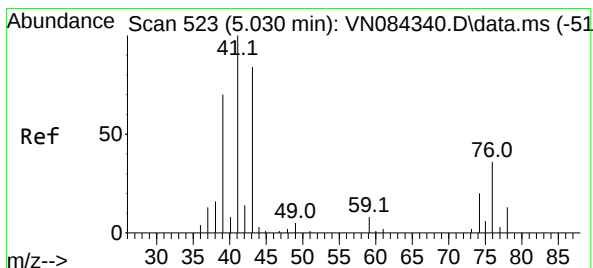
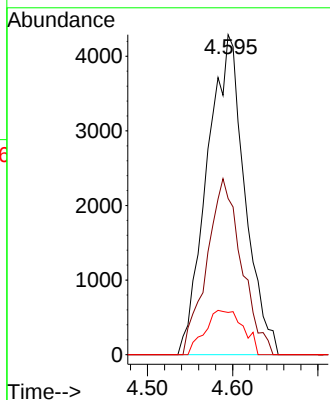
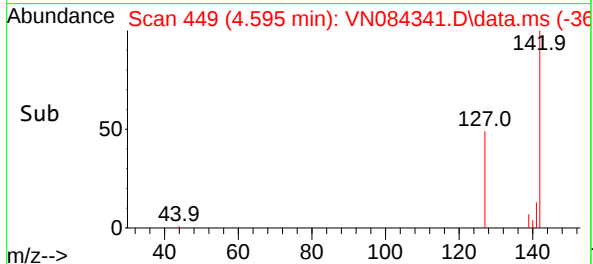


#11
Methyl Iodide
Concen: 4.845 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :

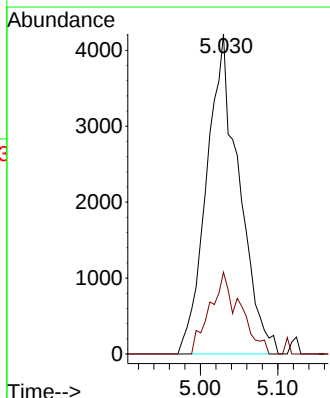
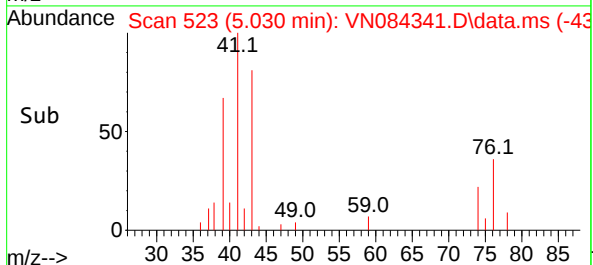
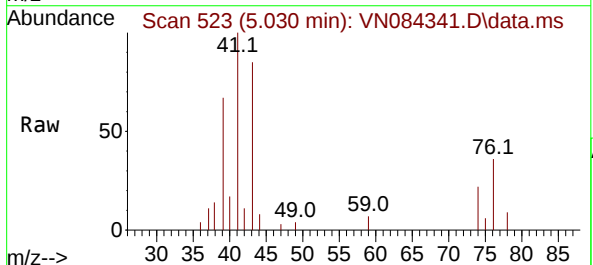


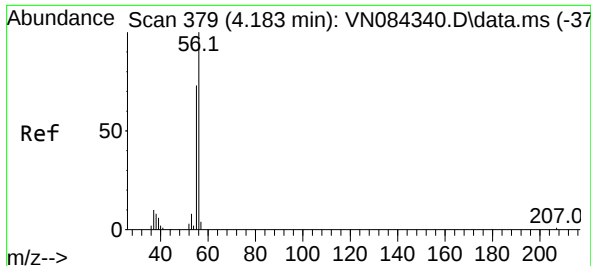
Tgt Ion:142 Resp: 13135
Ion Ratio Lower Upper
142 100
127 48.8 23.8 71.4
141 13.2 7.4 22.2



#12
Methyl Acetate
Concen: 4.748 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 43 Resp: 12264
Ion Ratio Lower Upper
43 100
74 25.6 19.4 29.2

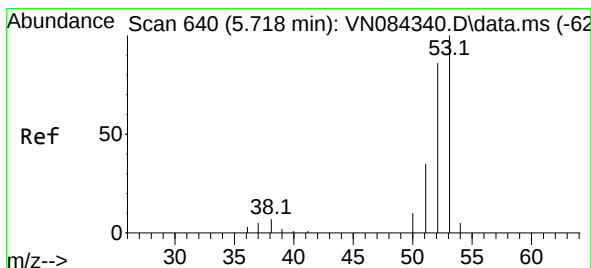
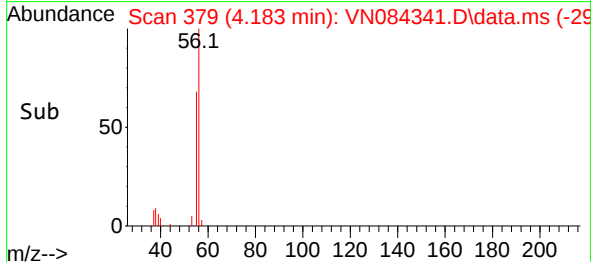
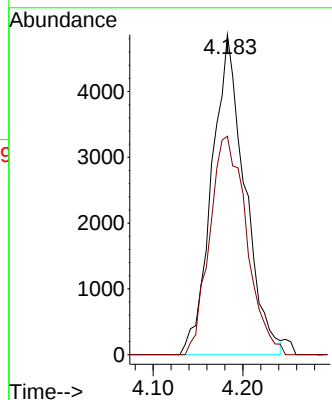
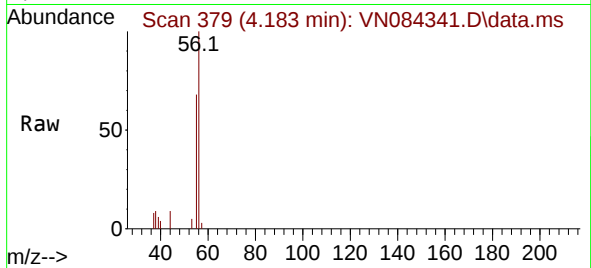




#13
Acrolein
Concen: 25.840 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

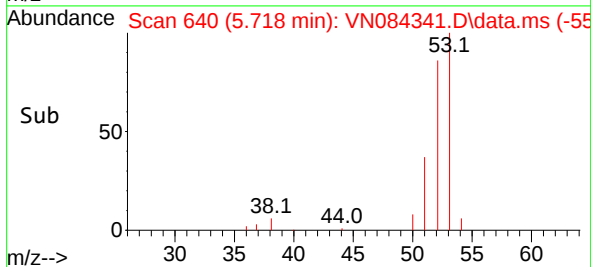
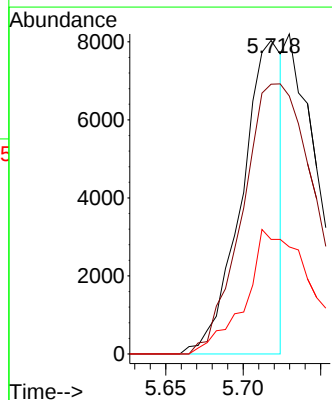
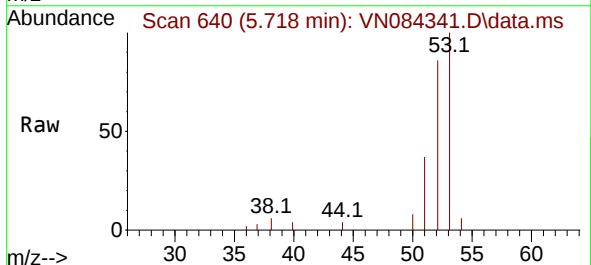
Instrument :
MSVOA_N
ClientSampleId :

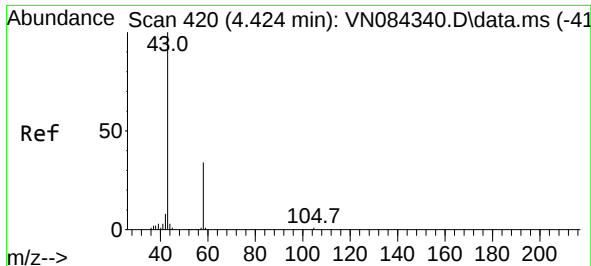
Tgt Ion: 56 Resp: 12398
Ion Ratio Lower Upper
56 100
55 76.4 56.4 84.6



#14
Acrylonitrile
Concen: 12.555 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 53 Resp: 14569
Ion Ratio Lower Upper
53 100
52 161.5 40.4 121.2#
51 68.4 17.8 53.4#





#15

Acetone

Concen: 22.077 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

Instrument :

MSVOA_N

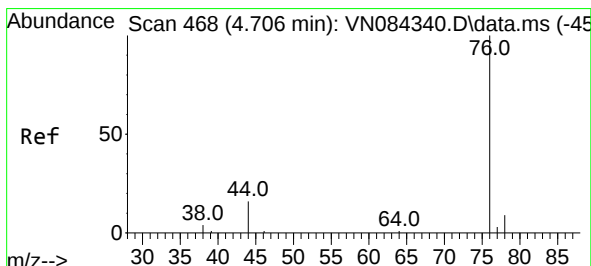
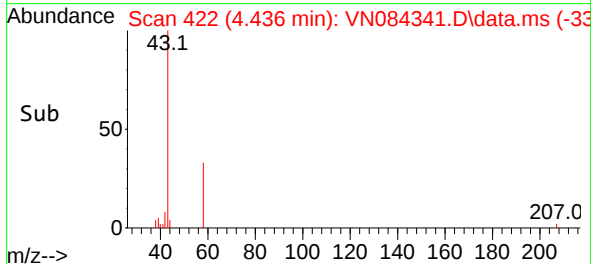
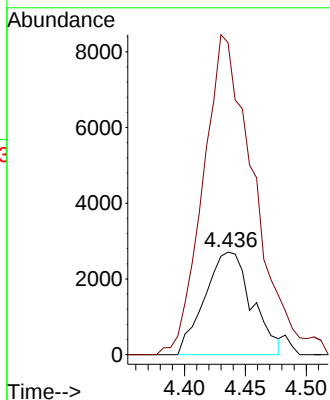
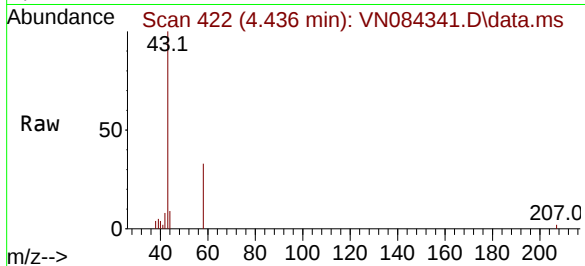
ClientSampleId :

Tgt Ion: 58 Resp: 7318

Ion Ratio Lower Upper

58 100

43 285.9 237.5 356.3



#16

Carbon Disulfide

Concen: 5.489 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.000 min

Lab File: VN084341.D

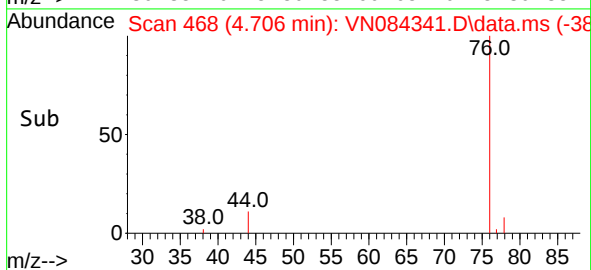
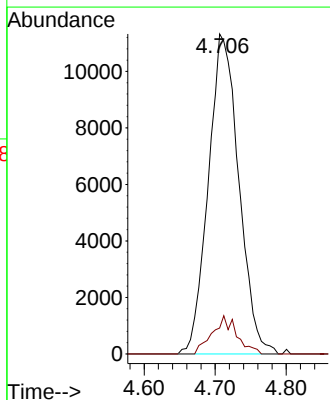
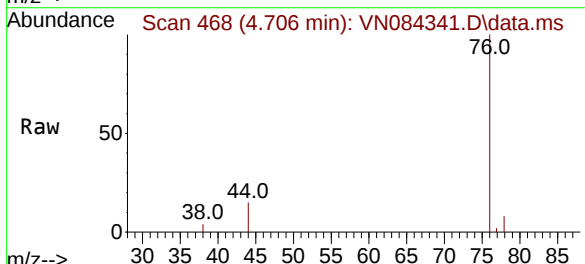
Acq: 08 Oct 2024 11:19

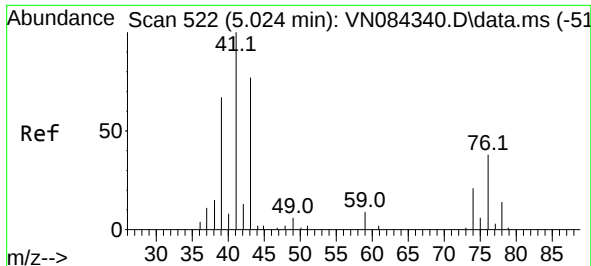
Tgt Ion: 76 Resp: 33723

Ion Ratio Lower Upper

76 100

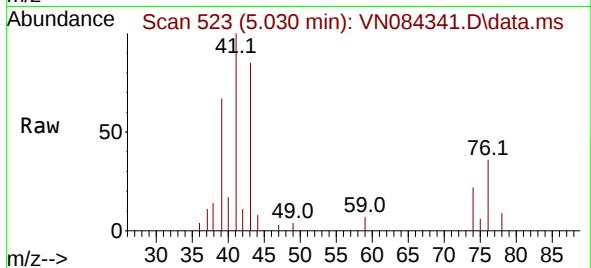
78 8.1 7.1 10.7



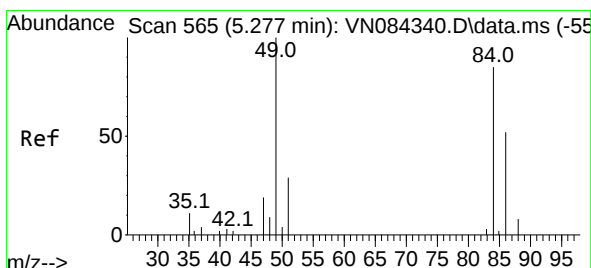
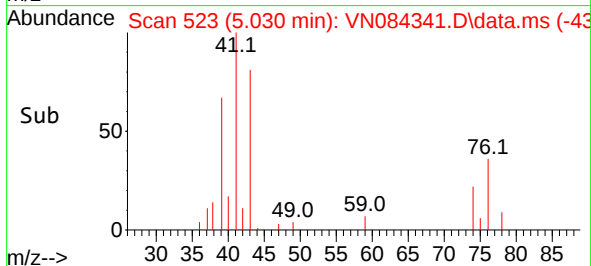
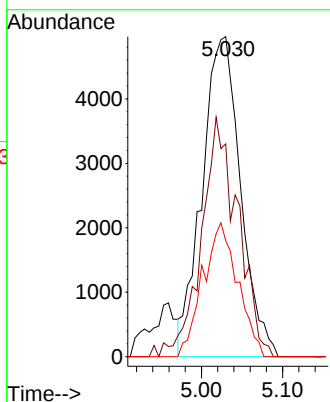


#17
 Allyl chloride
 Concen: 4.891 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN084341.D
 Acq: 08 Oct 2024 11:19

Instrument :
 MSVOA_N
 ClientSampleId :

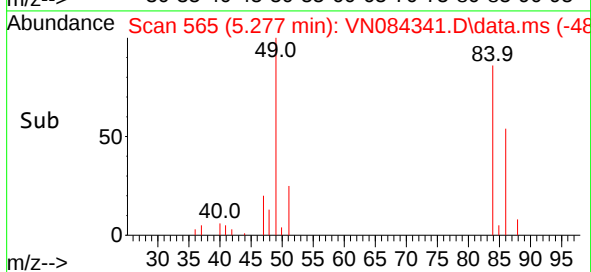
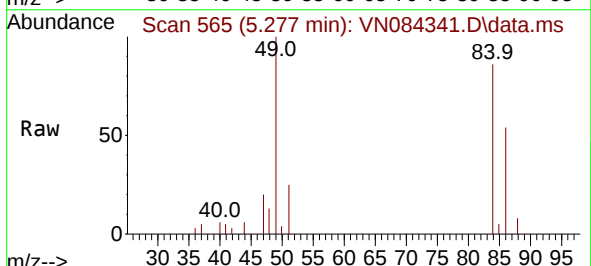
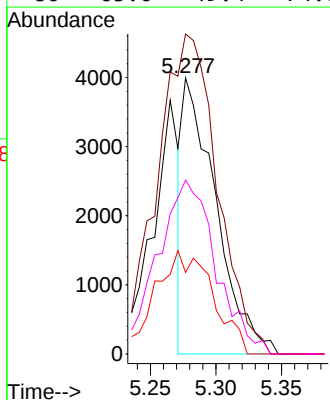


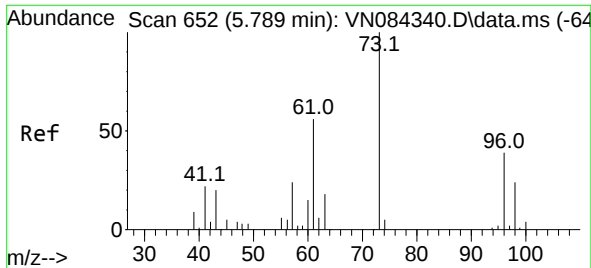
Tgt Ion: 41 Resp: 16359
 Ion Ratio Lower Upper
 41 100
 39 66.5 31.4 94.3
 76 36.2 17.8 53.5



#18
 Methylene Chloride
 Concen: 3.033 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN084341.D
 Acq: 08 Oct 2024 11:19

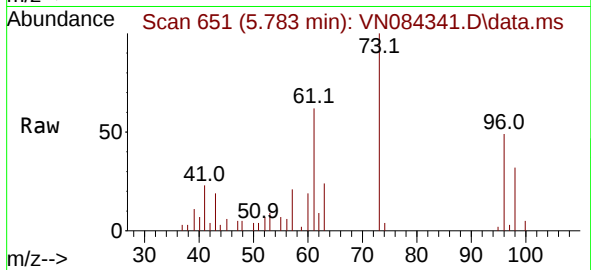
Tgt Ion: 84 Resp: 7050
 Ion Ratio Lower Upper
 84 100
 49 115.9 94.6 142.0
 51 29.5 27.3 40.9
 86 63.0 49.4 74.0



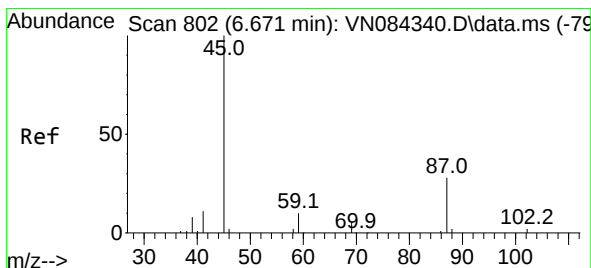
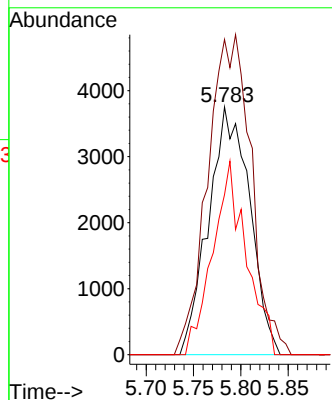
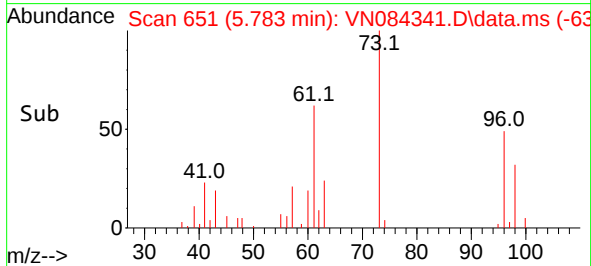


#19
trans-1,2-Dichloroethene
Concen: 5.197 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :

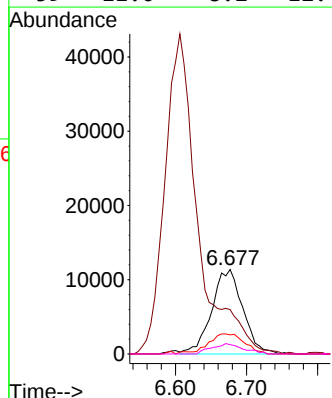
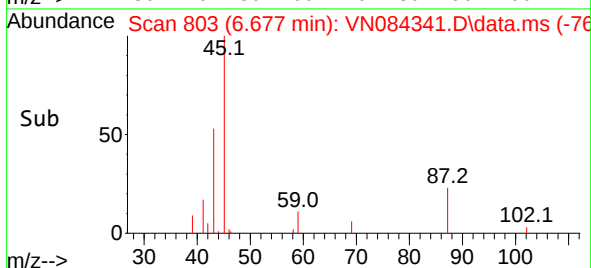
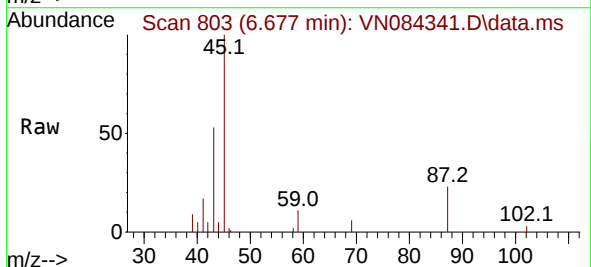


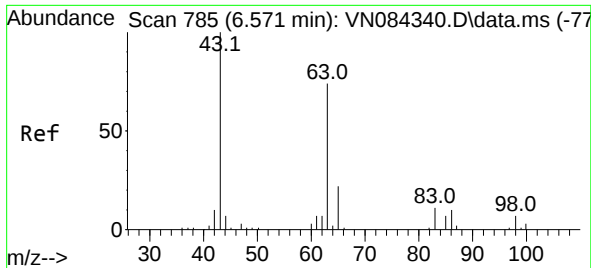
Tgt Ion: 96 Resp: 11347
Ion Ratio Lower Upper
96 100
61 121.3 115.8 173.6
98 64.6 49.4 74.0



#20
Diisopropyl ether
Concen: 4.805 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 45 Resp: 34552
Ion Ratio Lower Upper
45 100
43 50.6 43.7 65.5
87 22.5 23.1 34.7#
59 11.0 8.2 12.4





#21

1,1-Dichloroethane

Concen: 5.231 ug/l

RT: 6.571 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

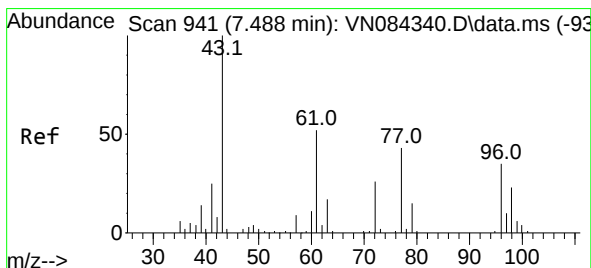
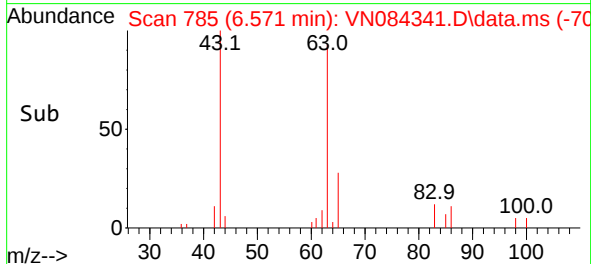
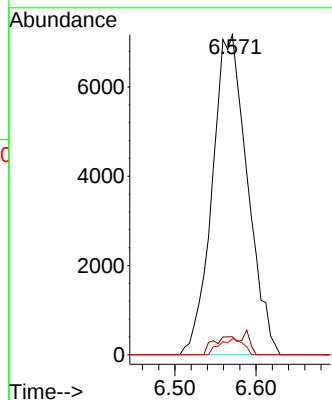
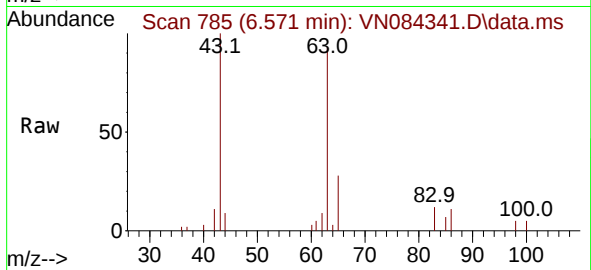
Tgt Ion: 63 Resp: 21583

Ion Ratio Lower Upper

63 100

98 5.6 4.5 13.4

100 5.0 2.1 6.3



#22

cis-1,2-Dichloroethene

Concen: 4.963 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.006 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

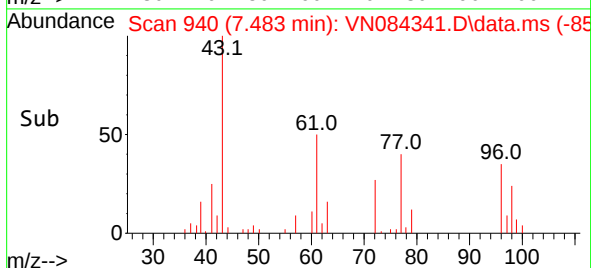
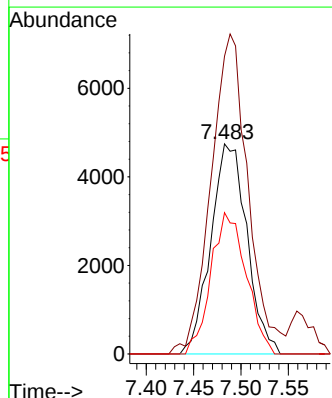
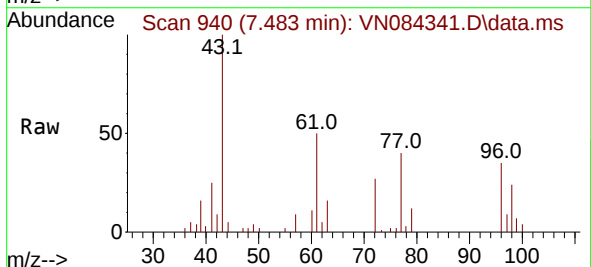
Tgt Ion: 96 Resp: 12611

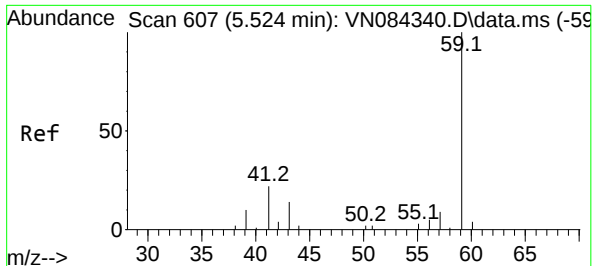
Ion Ratio Lower Upper

96 100

61 154.6 118.0 177.0

98 65.5 51.8 77.8





#23

tert-Butyl Alcohol

Concen: 24.960 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.000 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

Instrument :

MSVOA_N

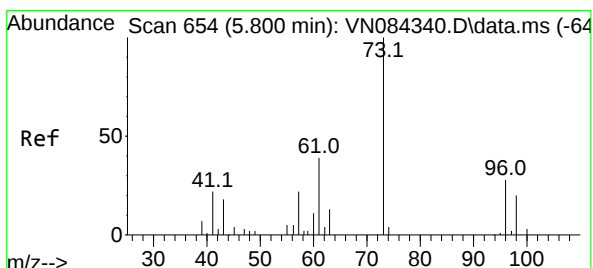
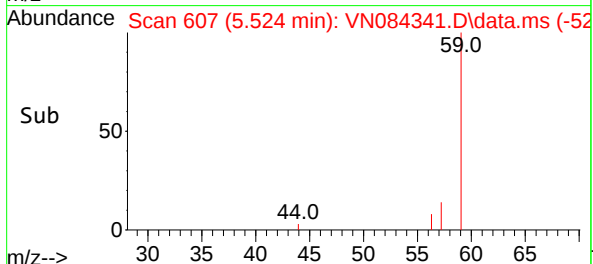
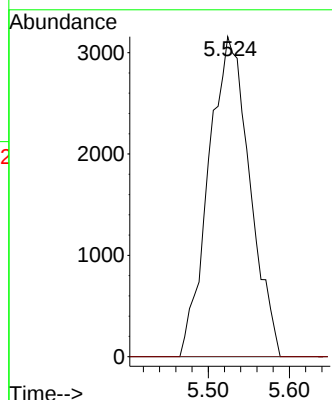
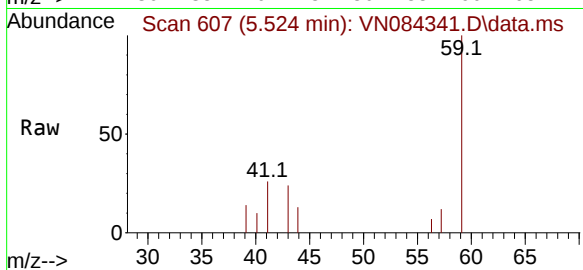
ClientSampleId :

Tgt Ion: 59 Resp: 11110

Ion Ratio Lower Upper

59 100

52 211.8 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 4.821 ug/l

RT: 5.800 min Scan# 654

Delta R.T. 0.000 min

Lab File: VN084341.D

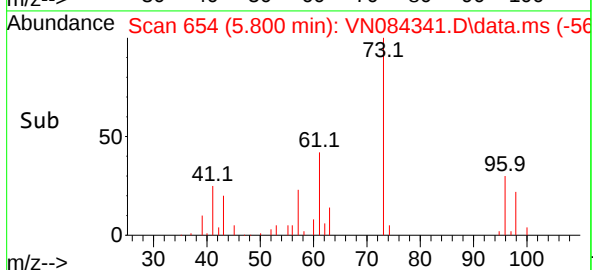
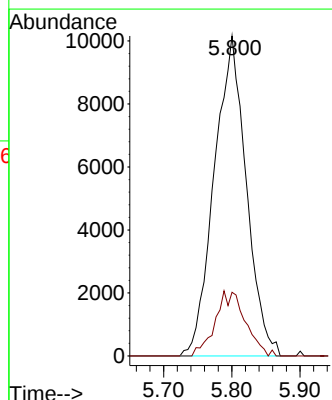
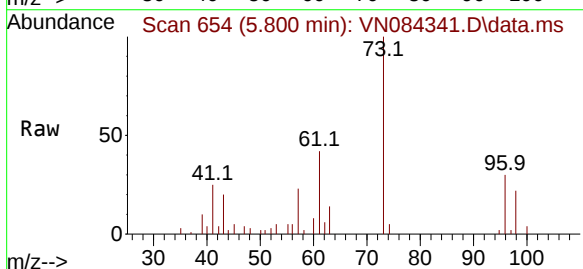
Acq: 08 Oct 2024 11:19

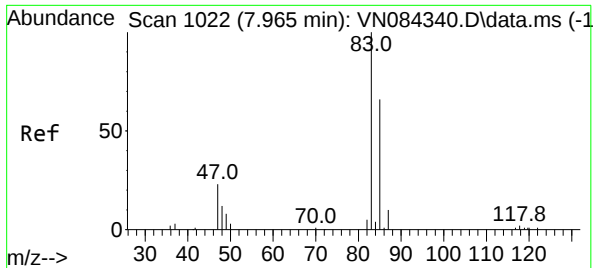
Tgt Ion: 73 Resp: 33238

Ion Ratio Lower Upper

73 100

43 9.8 10.9 16.3#

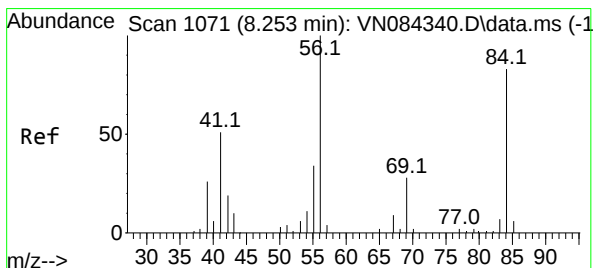
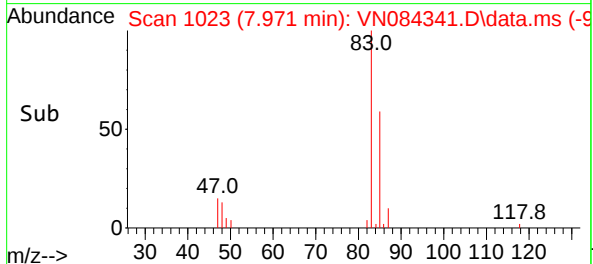
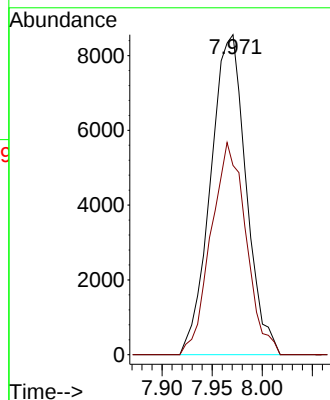
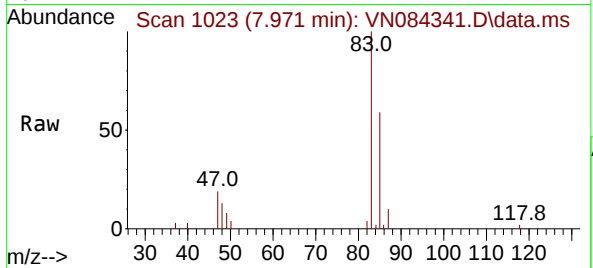




#25
Chloroform
Concen: 5.038 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

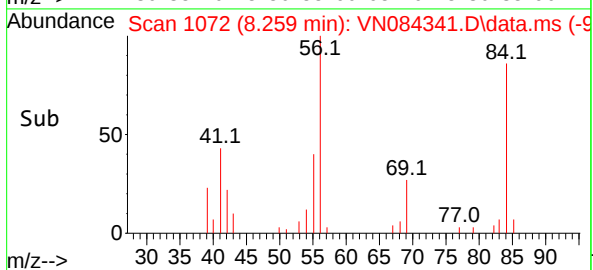
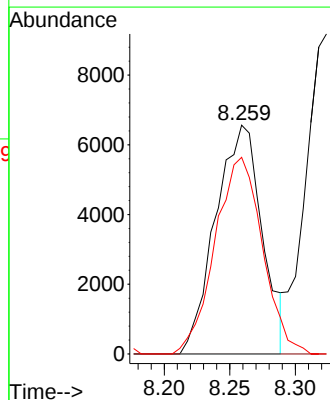
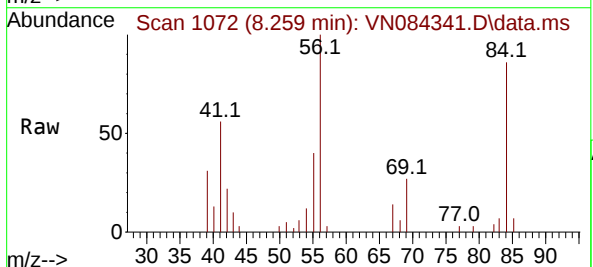
Instrument :
MSVOA_N
ClientSampleId :

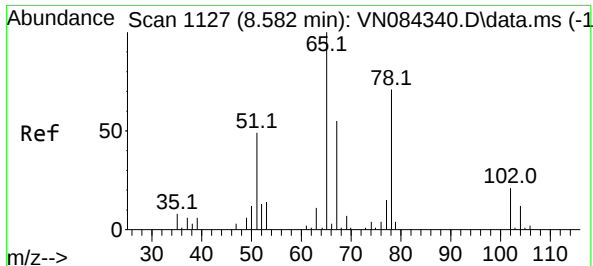
Tgt Ion: 83 Resp: 21052
Ion Ratio Lower Upper
83 100
85 59.1 52.4 78.6



#26
Cyclohexane
Concen: 4.707 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 56 Resp: 16244
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.4 67.0 100.6





#27

1,2-Dichloroethane-d4

Concen: 30.153 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

Instrument :

MSVOA_N

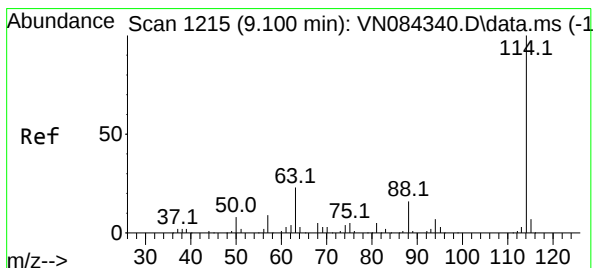
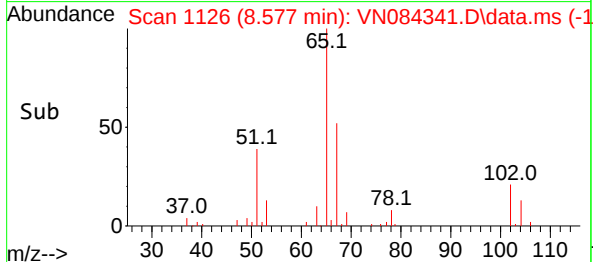
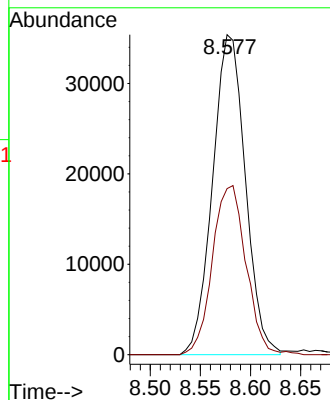
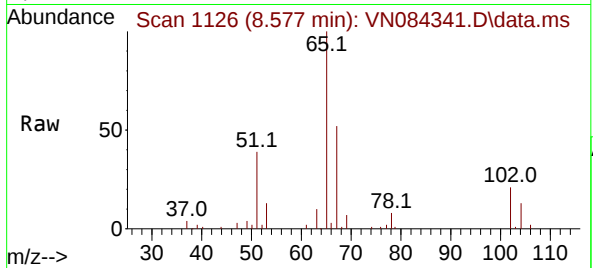
ClientSampleId :

Tgt Ion: 65 Resp: 80437

Ion Ratio Lower Upper

65 100

67 54.2 41.5 62.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

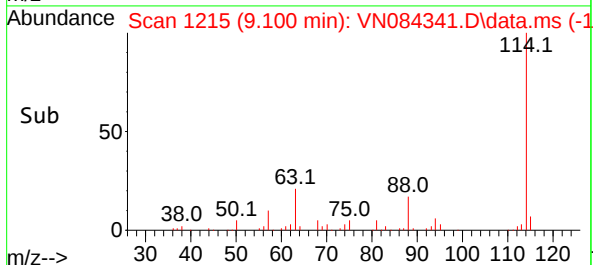
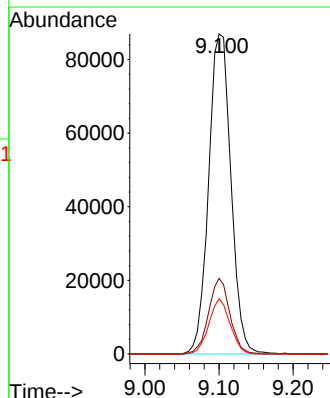
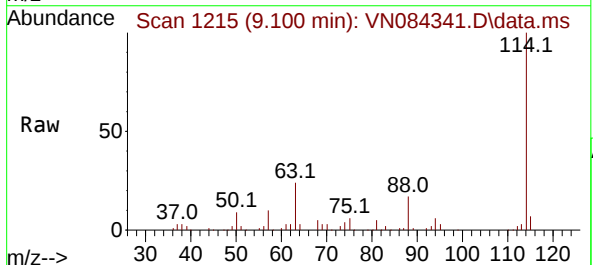
Tgt Ion: 114 Resp: 182092

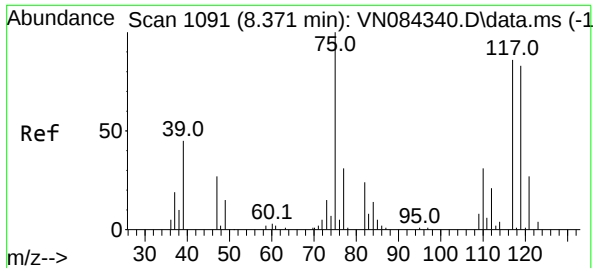
Ion Ratio Lower Upper

114 100

63 22.4 17.4 26.0

88 16.3 13.2 19.8

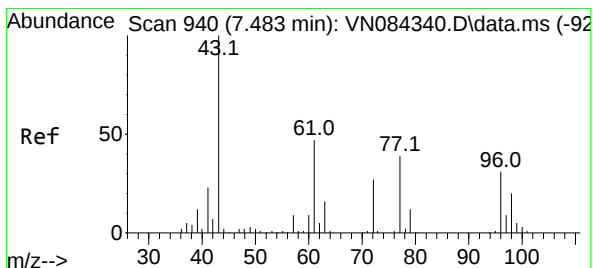
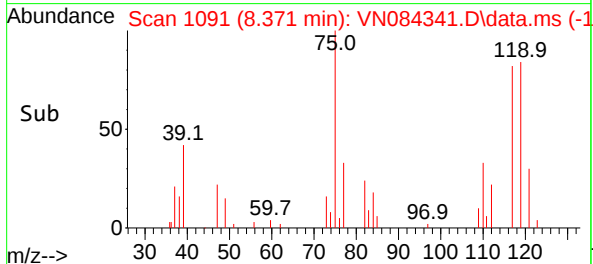
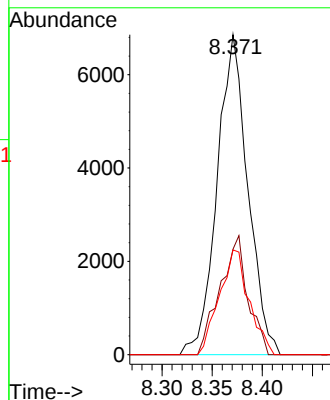
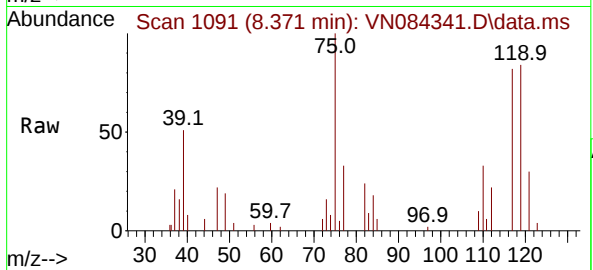




#29
1,1-Dichloropropene
Concen: 4.896 ug/l
RT: 8.371 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

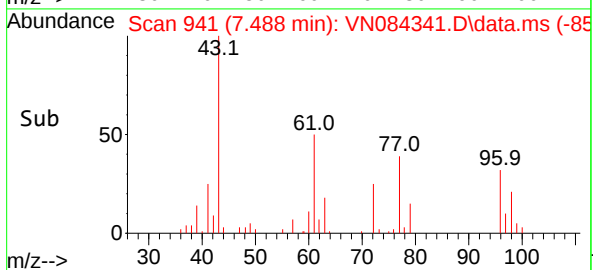
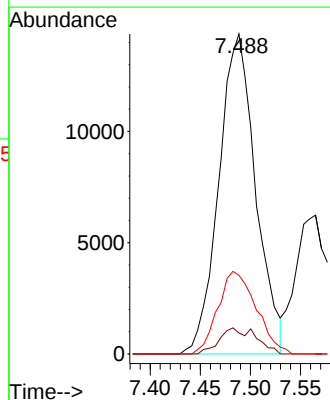
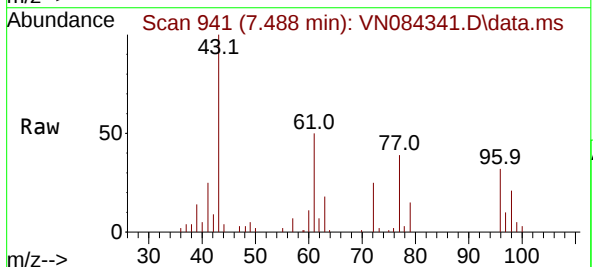
Instrument :
MSVOA_N
ClientSampleId :

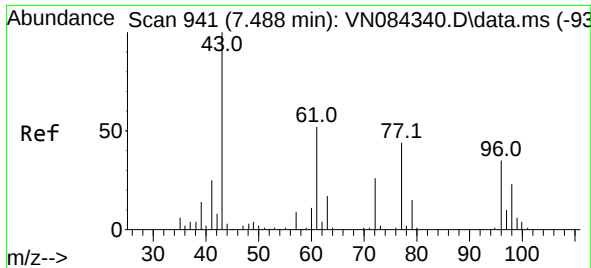
Tgt Ion: 75	Resp: 14635
Ion Ratio	Lower Upper
75	100
110	33.6 0.0 67.6
77	31.6 0.0 61.4



#30
2-Butanone
Concen: 23.051 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 43	Resp: 36686
Ion Ratio	Lower Upper
43	100
57	5.3 6.6 9.8#
72	26.8 21.3 31.9

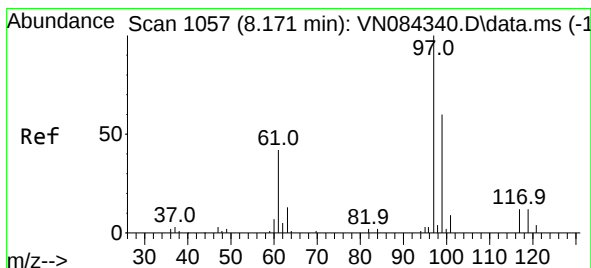
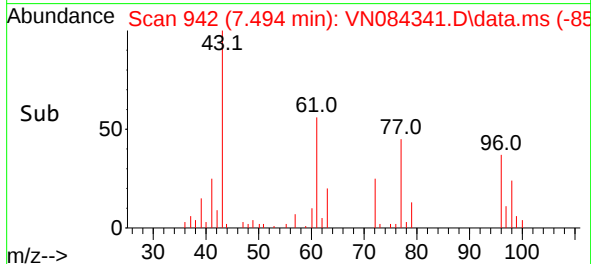
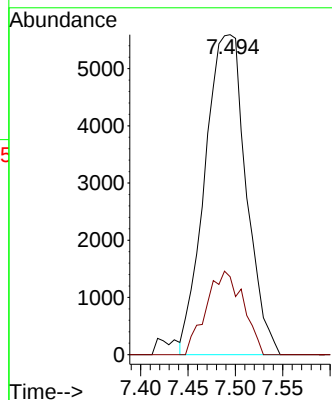
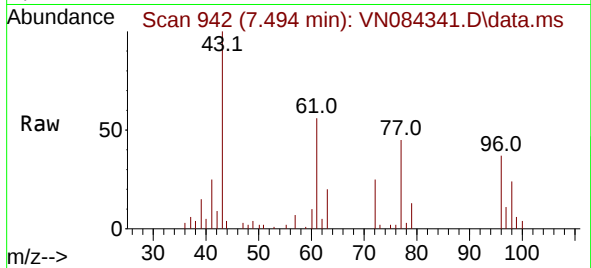




#31
2,2-Dichloropropane
Concen: 4.835 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

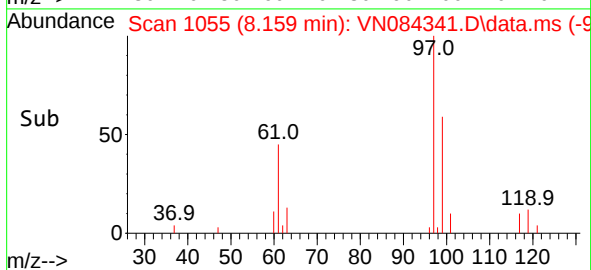
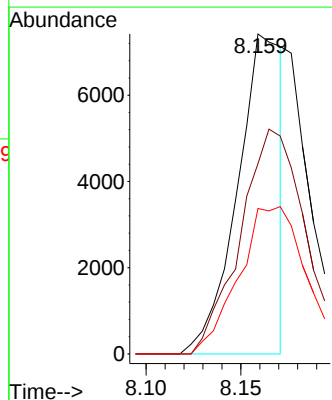
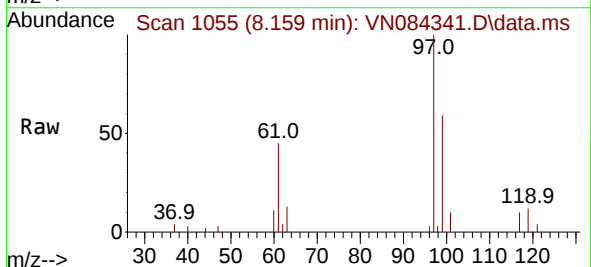
Instrument :
MSVOA_N
ClientSampleId :

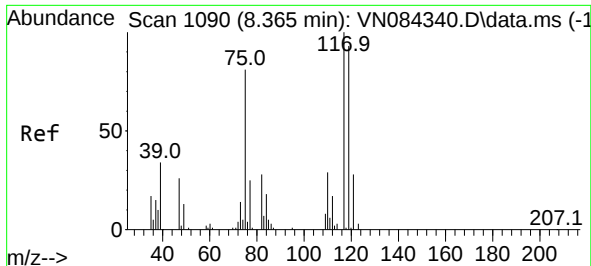
Tgt Ion: 77 Resp: 16984
Ion Ratio Lower Upper
77 100
97 23.3 11.5 17.3#



#32
1,1,1-Trichloroethane
Concen: 3.186 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

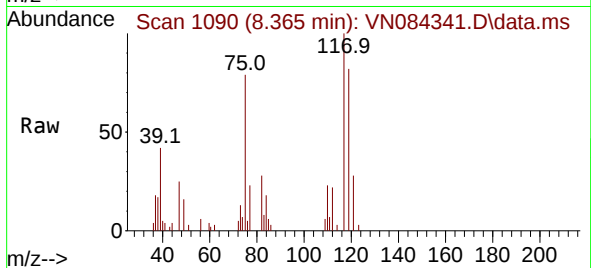
Tgt Ion: 97 Resp: 12175
Ion Ratio Lower Upper
97 100
99 104.5 51.2 76.8#
61 69.9 34.1 51.1#



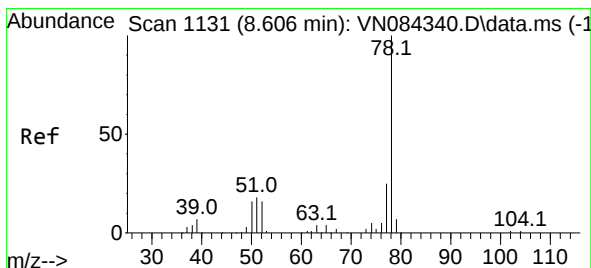
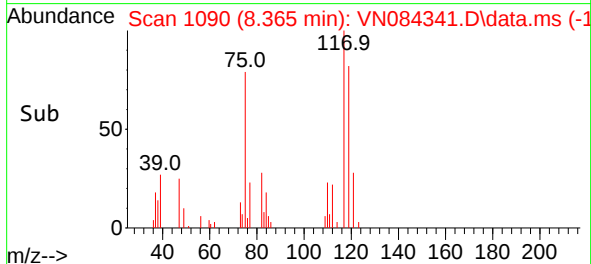
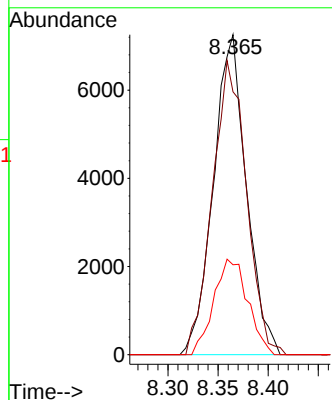


#33
Carbon Tetrachloride
Concen: 5.019 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :

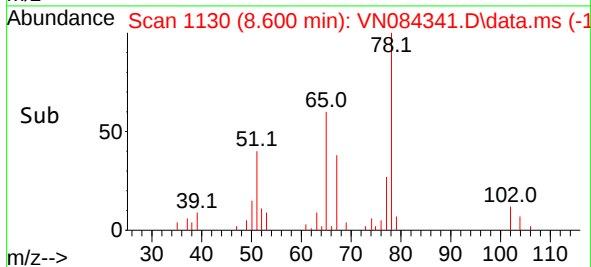
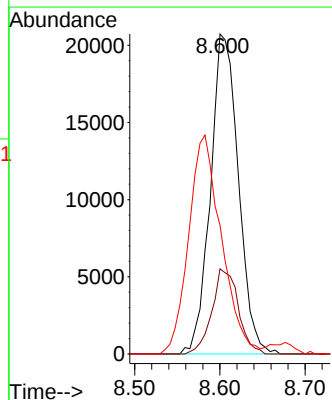
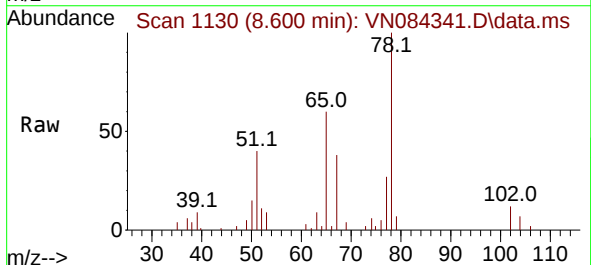


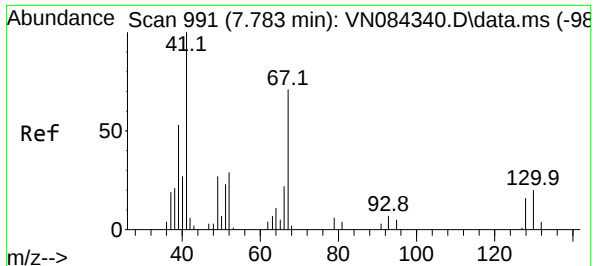
Tgt Ion:117 Resp: 16613
Ion Ratio Lower Upper
117 100
119 82.1 74.3 111.5
121 28.1 22.4 33.6



#34
Benzene
Concen: 5.045 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 78 Resp: 47206
Ion Ratio Lower Upper
78 100
77 26.6 19.6 29.4
51 37.3 15.8 23.6#



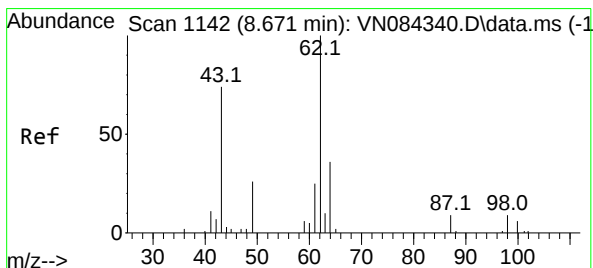
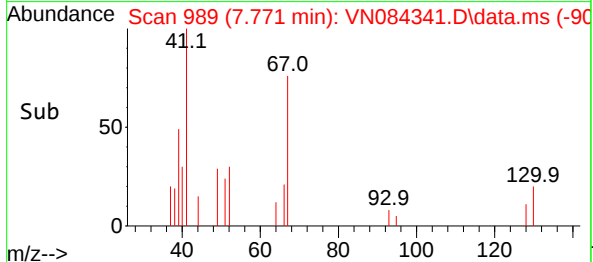
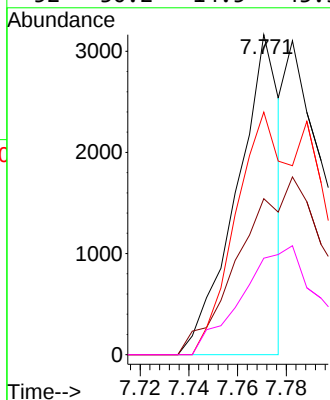
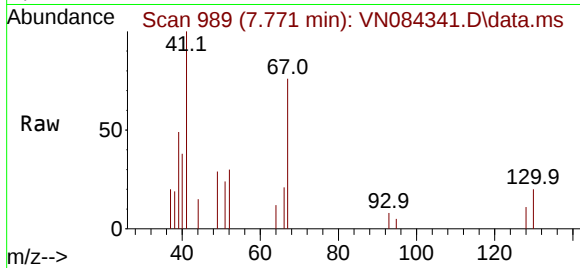


#35
Methacrylonitrile
Concen: 2.304 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 3912

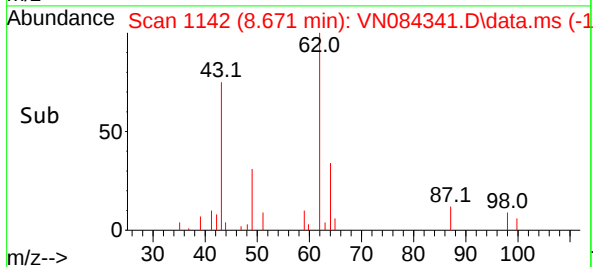
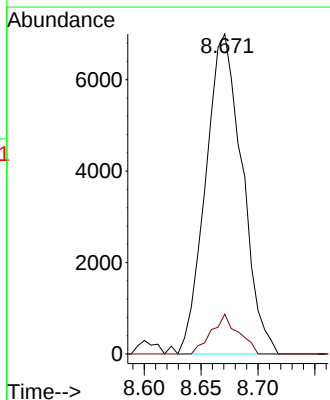
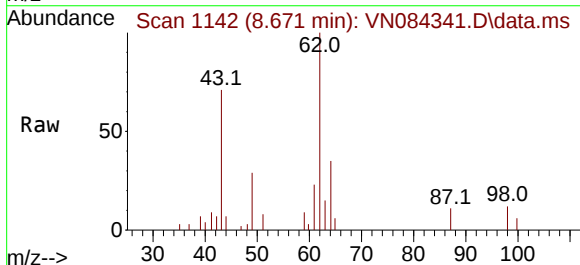
Ion	Ratio	Lower	Upper
41	100		
39	48.7	26.4	79.0
67	75.8	35.7	107.1
52	30.2	14.5	43.5

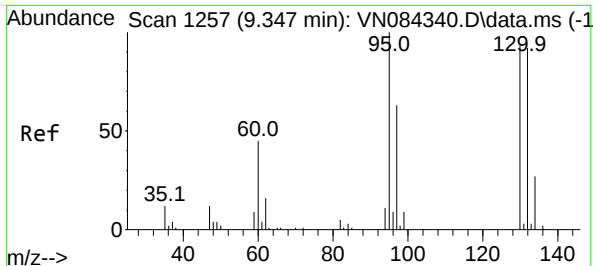


#36
1,2-Dichloroethane
Concen: 5.011 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 62 Resp: 15630

Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.3	10.9





#37

Trichloroethene

Concen: 4.973 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

Instrument :

MSVOA_N

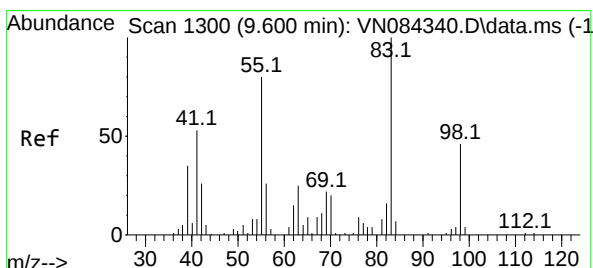
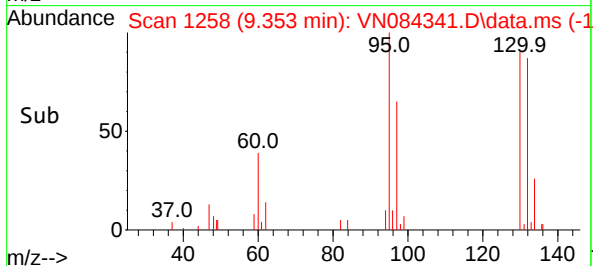
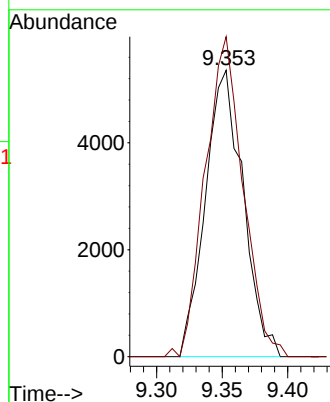
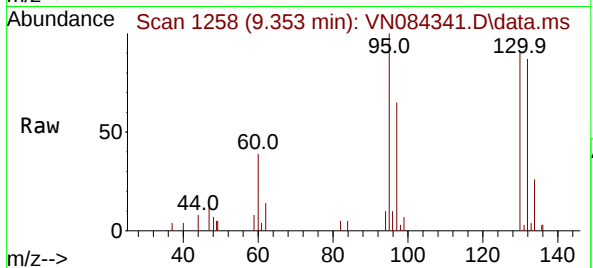
ClientSampleId :

Tgt Ion:130 Resp: 10715

Ion Ratio Lower Upper

130 100

95 111.7 85.8 128.6



#38

Methylcyclohexane

Concen: 4.541 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

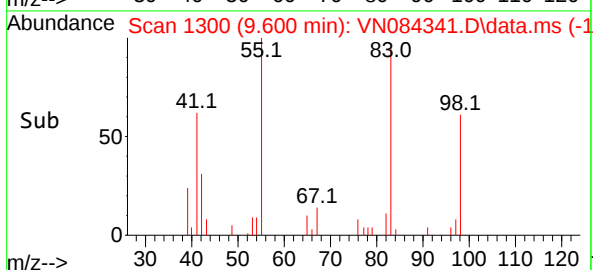
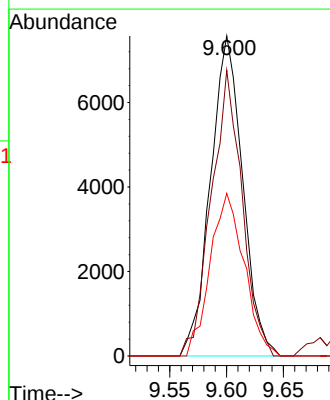
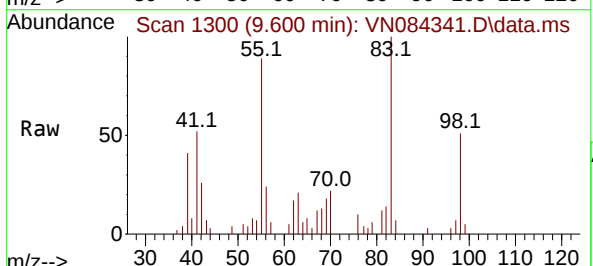
Tgt Ion: 83 Resp: 14911

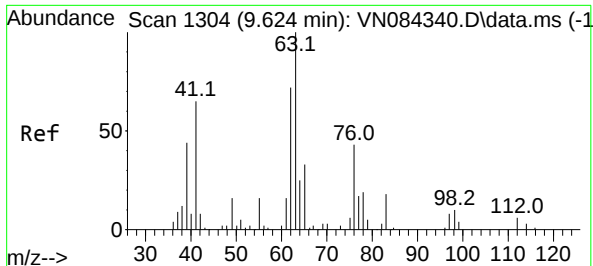
Ion Ratio Lower Upper

83 100

55 85.5 39.3 117.8

98 53.7 24.0 72.0





#39

1,2-Dichloropropane

Concen: 4.992 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

Instrument :

MSVOA_N

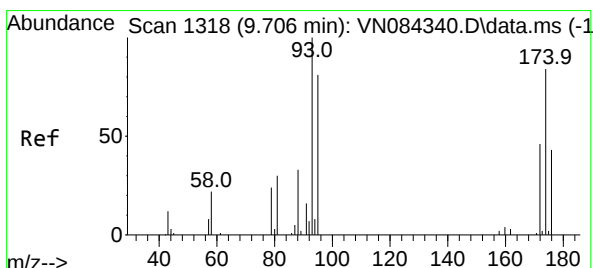
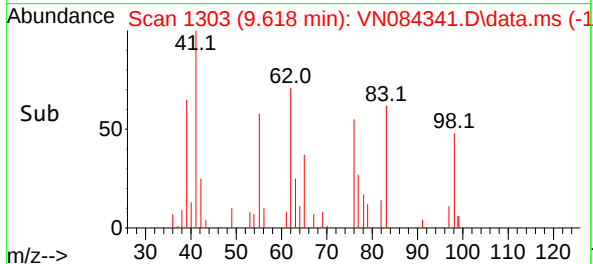
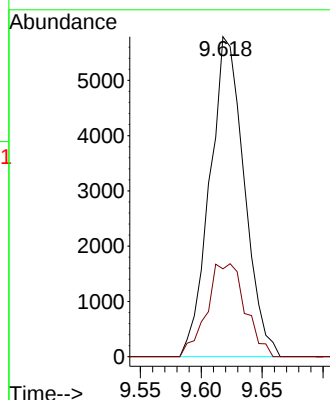
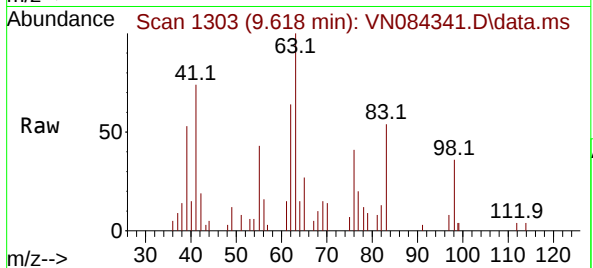
ClientSampleId :

Tgt Ion: 63 Resp: 11390

Ion Ratio Lower Upper

63 100

65 27.4 26.3 39.5



#40

Dibromomethane

Concen: 5.113 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

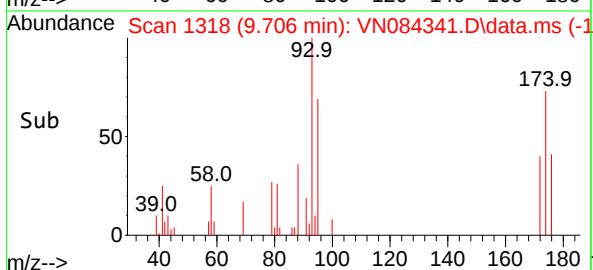
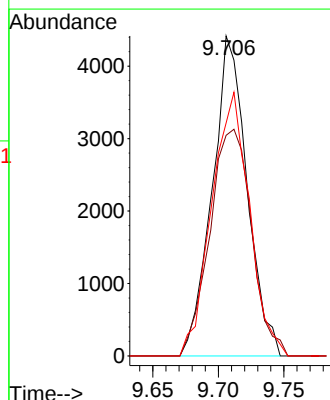
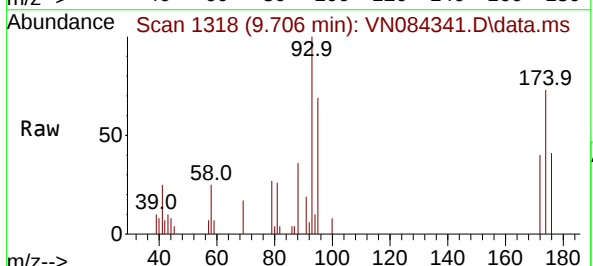
Tgt Ion: 93 Resp: 8154

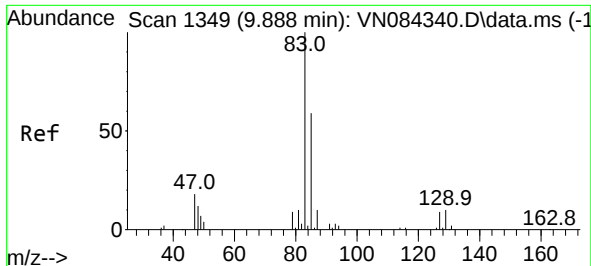
Ion Ratio Lower Upper

93 100

95 84.7 0.0 171.4

174 89.5 0.0 183.0

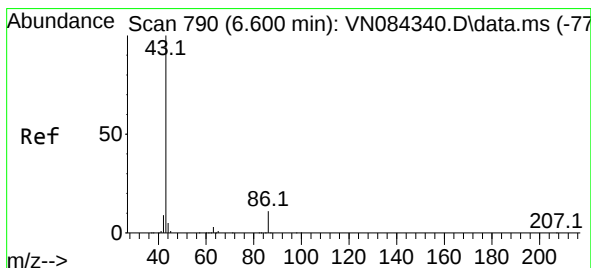
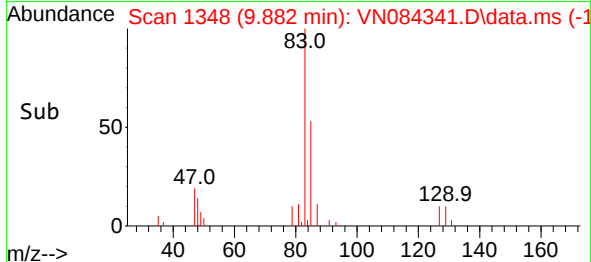
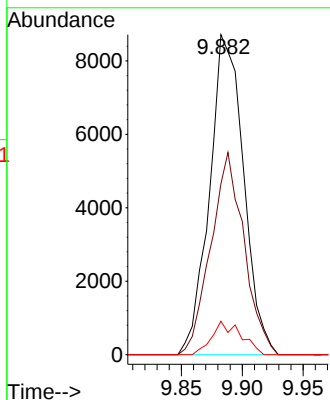
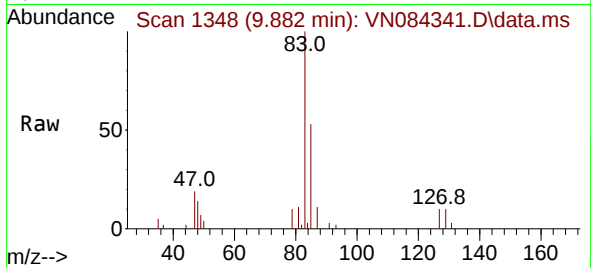




#41
Bromodichloromethane
Concen: 5.009 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

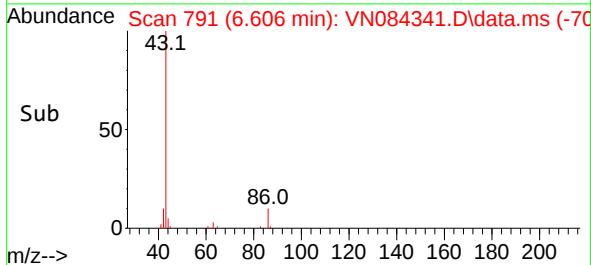
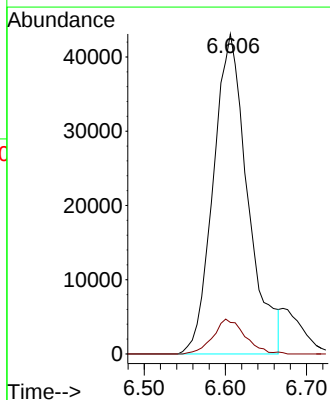
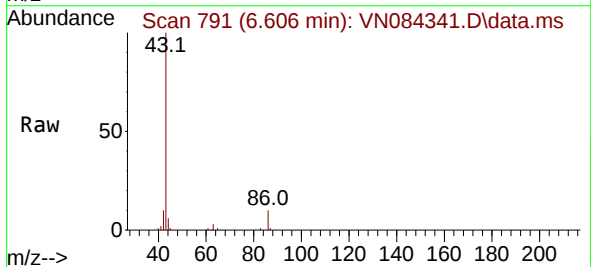
Instrument :
MSVOA_N
ClientSampleId :

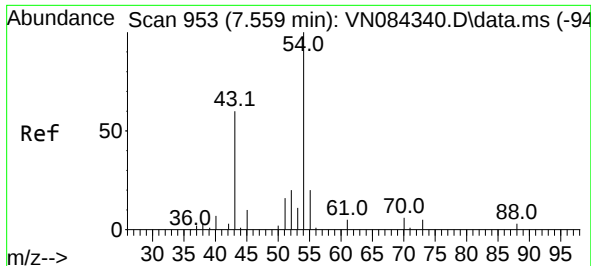
Tgt Ion	83	Resp:	16959
Ion Ratio	Lower	Upper	
83	100		
85	53.4	47.1	70.7
127	10.4	7.1	10.7



#42
Vinyl Acetate
Concen: 22.946 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion	43	Resp:	127008
Ion Ratio	Lower	Upper	
43	100		
86	10.0	8.5	12.7

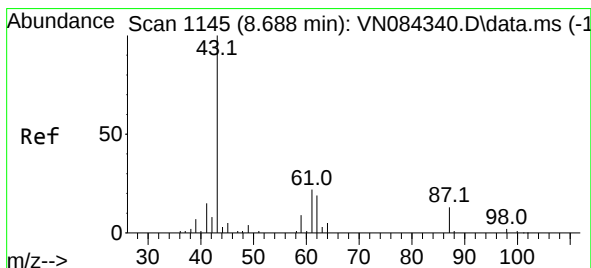
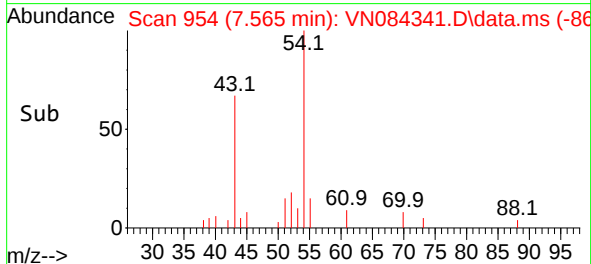
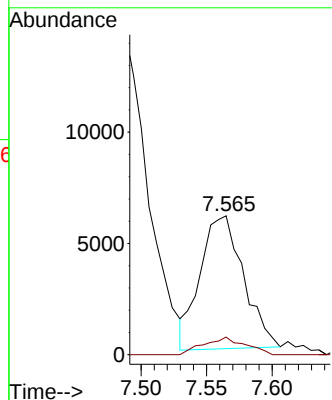
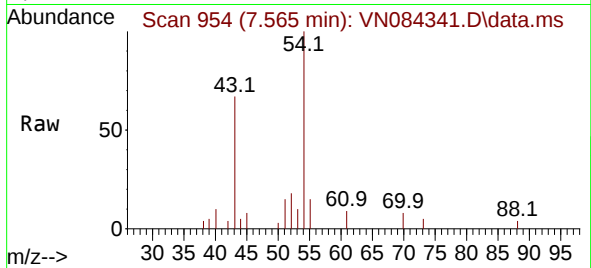




#43
Ethyl Acetate
Concen: 4.378 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

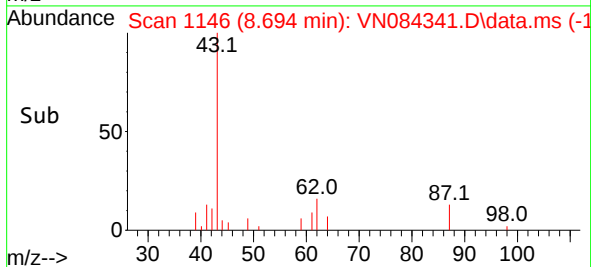
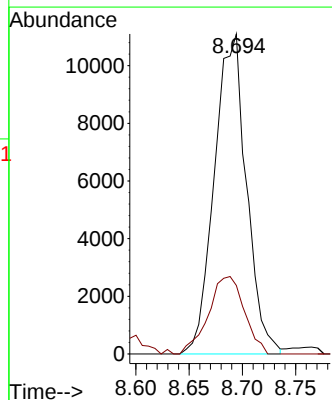
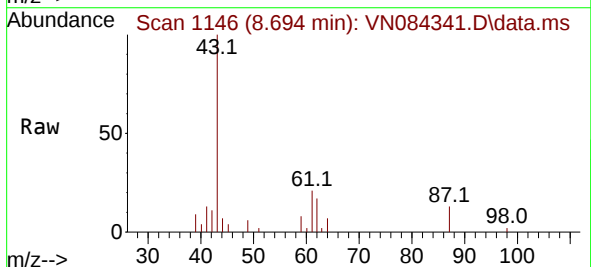
Instrument :
MSVOA_N
ClientSampleId :

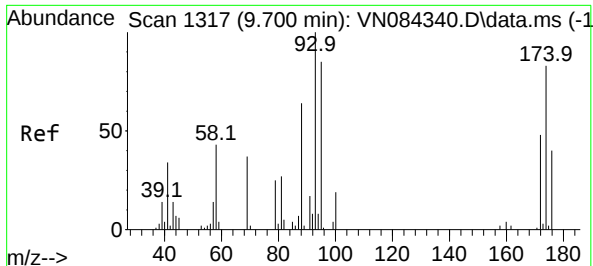
Tgt Ion: 43 Resp: 13741
Ion Ratio Lower Upper
43 100
45 12.6 10.6 16.0



#44
Isopropyl Acetate
Concen: 4.524 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 43 Resp: 23240
Ion Ratio Lower Upper
43 100
61 27.0 21.4 32.2





#45

1,4-Dioxane

Concen: 89.589 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

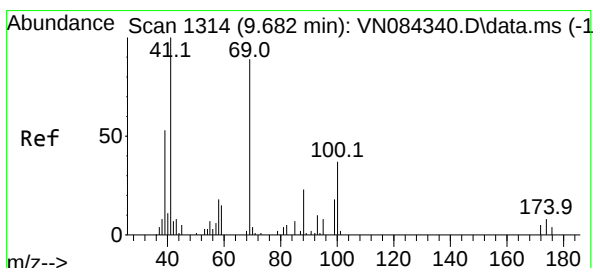
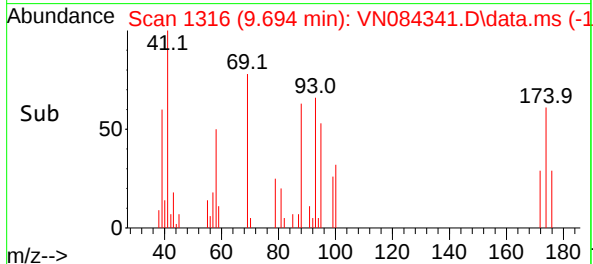
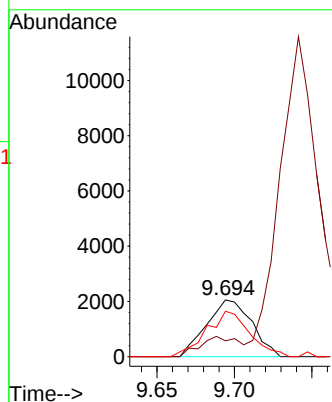
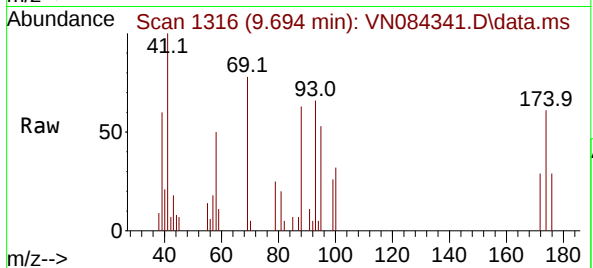
Tgt Ion: 88 Resp: 4149

Ion Ratio Lower Upper

88 100

43 30.4 22.4 33.6

58 76.9 59.7 89.5



#46

Methyl methacrylate

Concen: 4.516 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

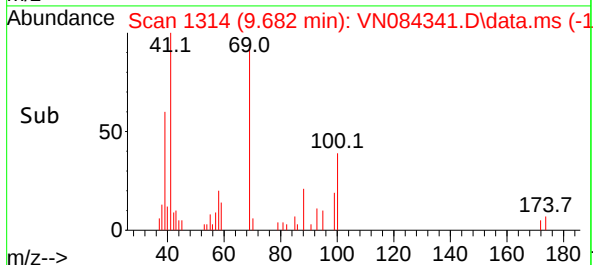
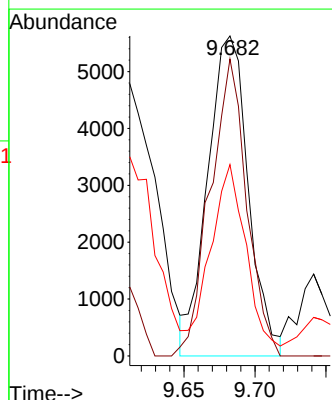
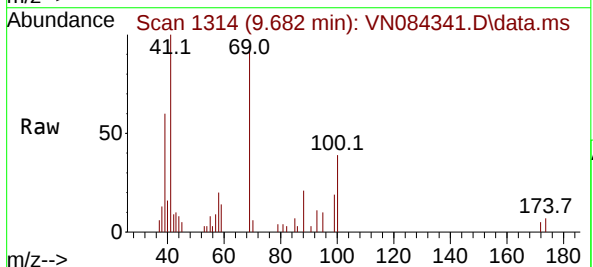
Tgt Ion: 41 Resp: 11210

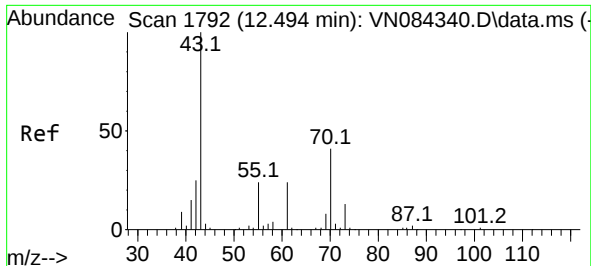
Ion Ratio Lower Upper

41 100

69 98.8 42.6 128.0

39 60.4 27.5 82.4

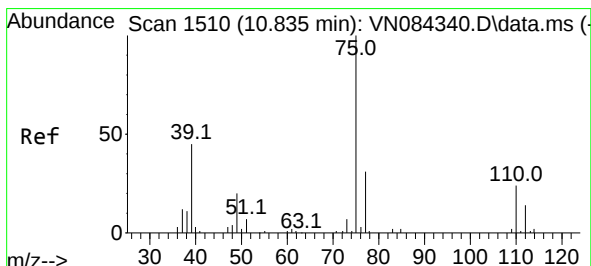
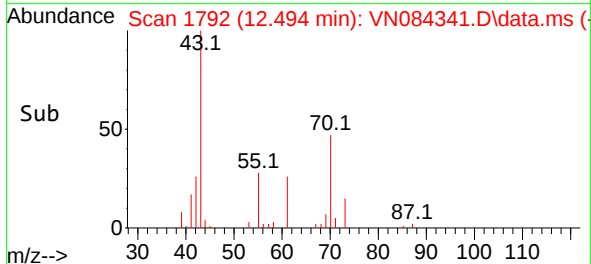
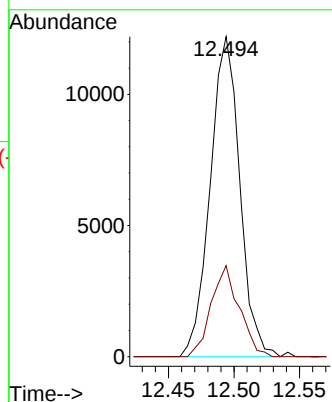
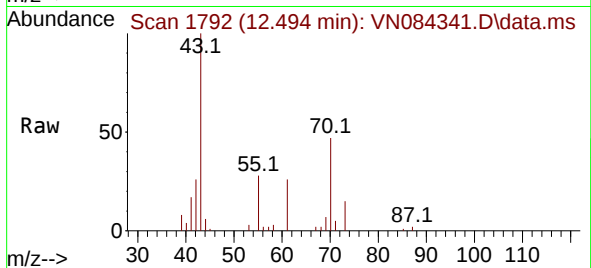




#47
n-amy1 Acetate
Concen: 4.187 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

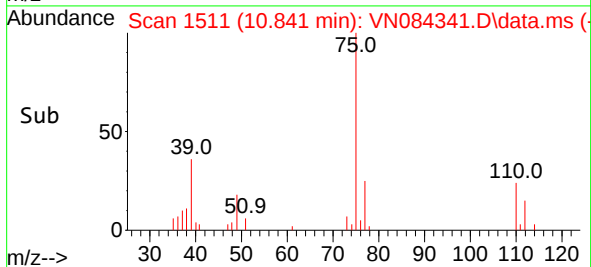
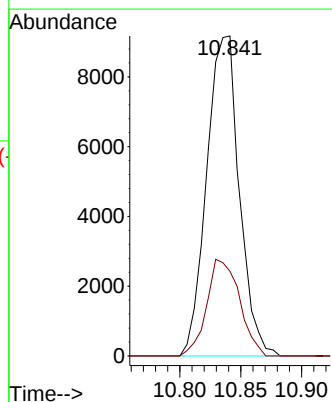
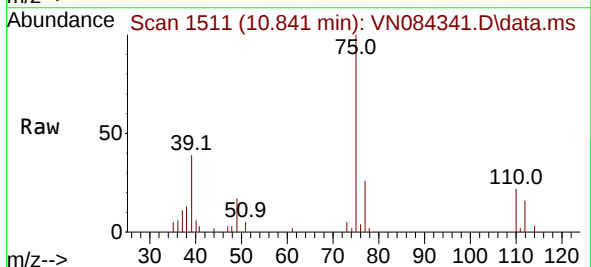
Instrument :
MSVOA_N
ClientSampleId :

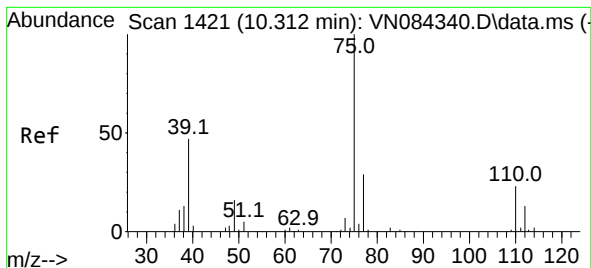
Tgt Ion: 43 Resp: 19132
Ion Ratio Lower Upper
43 100
55 27.0 20.6 31.0



#48
t-1,3-Dichloropropene
Concen: 4.893 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 75 Resp: 17119
Ion Ratio Lower Upper
75 100
77 26.4 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 4.560 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

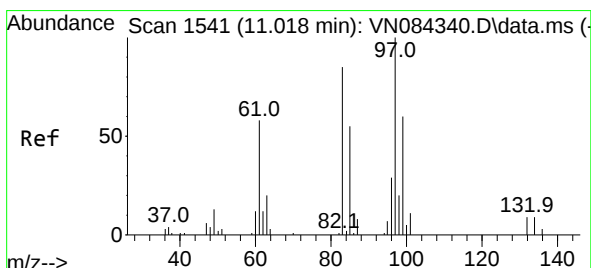
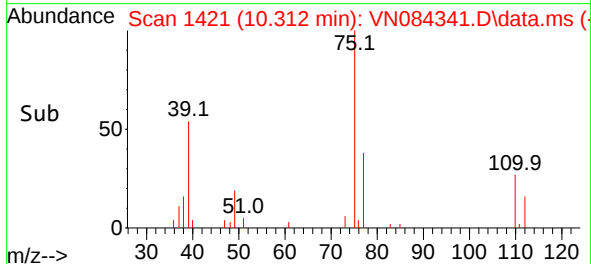
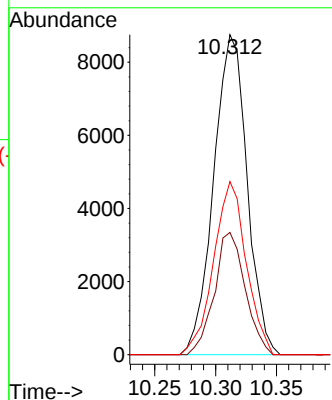
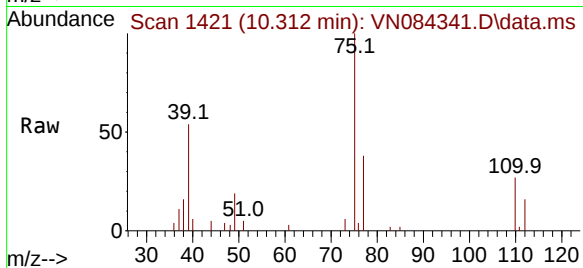
Tgt Ion: 75 Resp: 16720

Ion Ratio Lower Upper

75 100

77 38.2 22.9 34.3#

39 54.1 37.4 56.2



#50

1,1,2-Trichloroethane

Concen: 5.065 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

Tgt Ion: 97 Resp: 10856

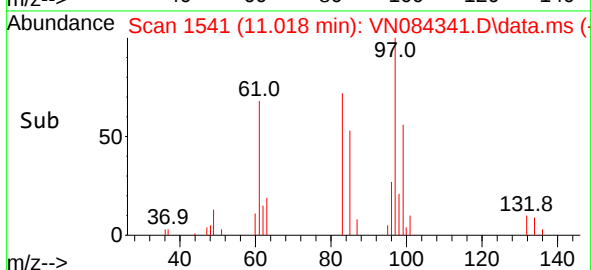
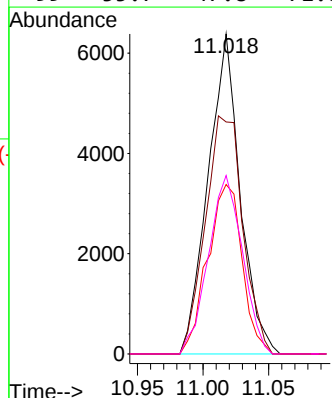
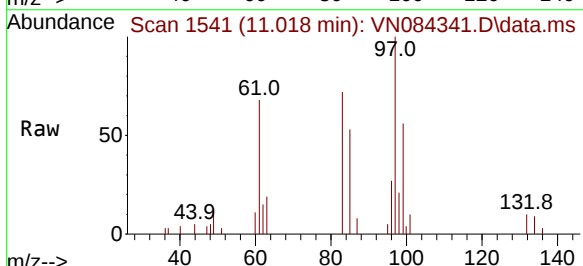
Ion Ratio Lower Upper

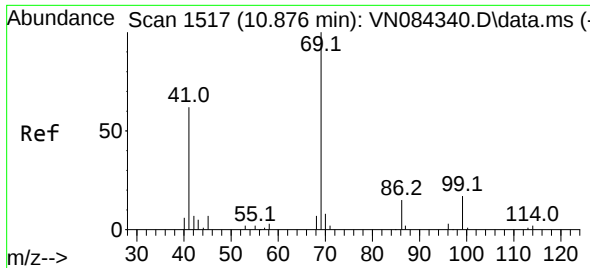
97 100

83 72.5 67.8 101.8

85 52.9 44.2 66.2

99 55.7 47.8 71.8

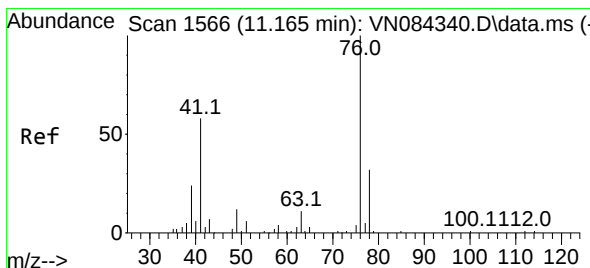
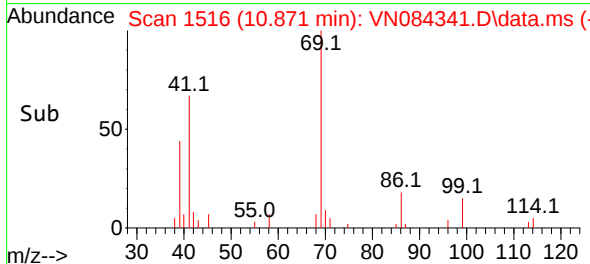
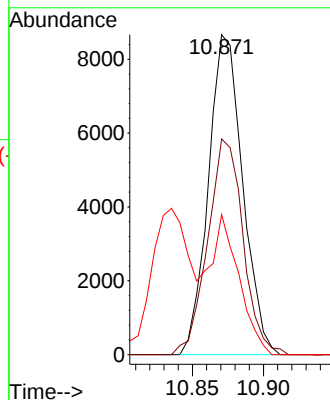
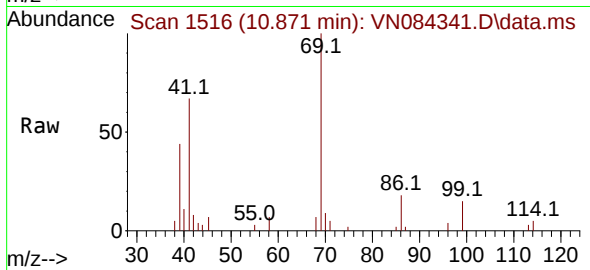




#51
Ethyl methacrylate
Concen: 4.109 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

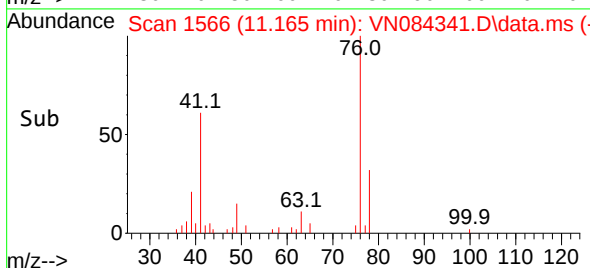
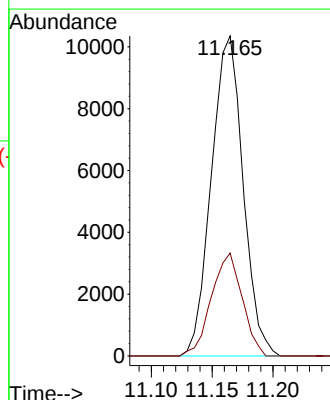
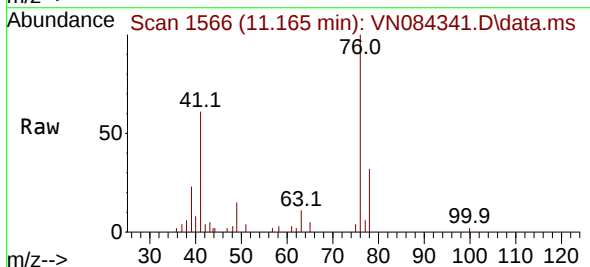
Instrument :
MSVOA_N
ClientSampleId :

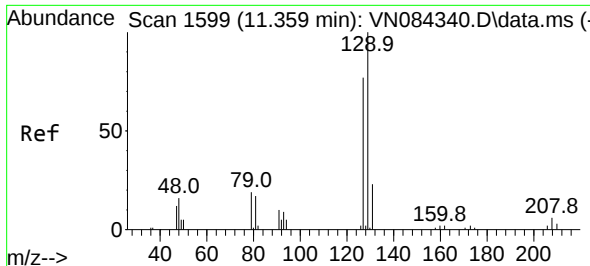
Tgt Ion: 69 Resp: 14547
Ion Ratio Lower Upper
69 100
41 65.6 30.9 92.7
39 43.7 16.6 49.7



#52
1,3-Dichloropropane
Concen: 5.011 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 76 Resp: 18781
Ion Ratio Lower Upper
76 100
78 31.1 0.0 64.2

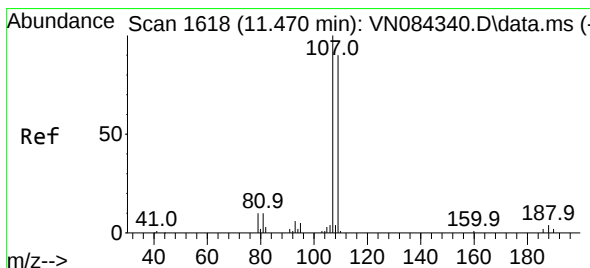
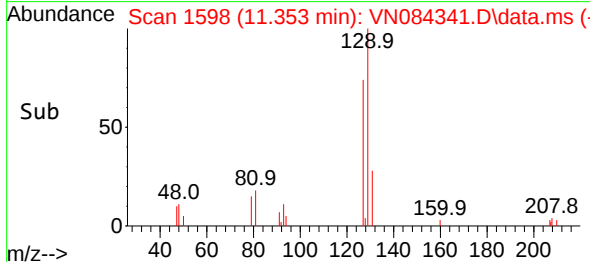
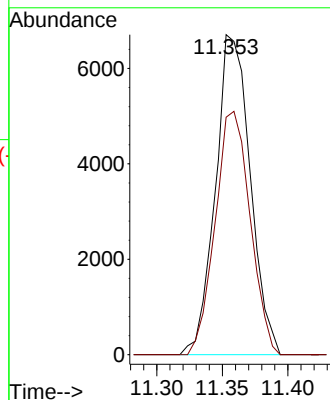
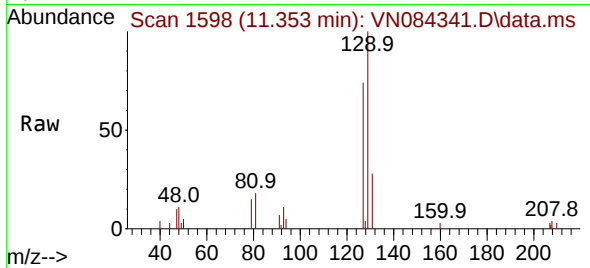




#53
Dibromochloromethane
Concen: 4.880 ug/l
RT: 11.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

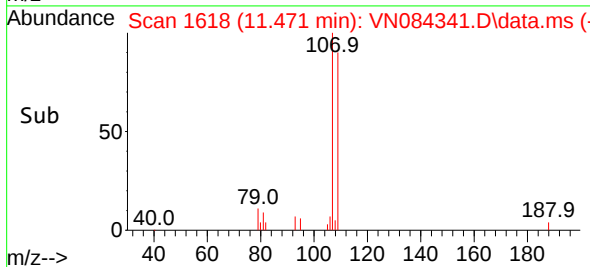
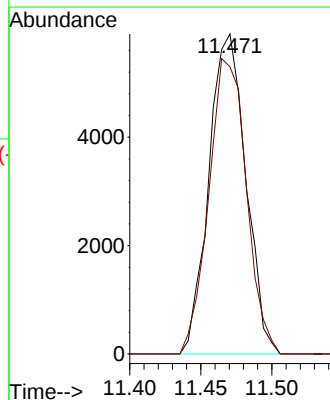
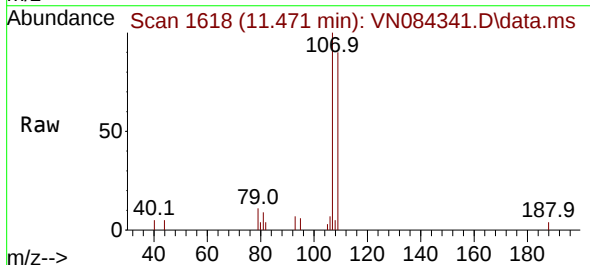
Instrument :
MSVOA_N
ClientSampleId :

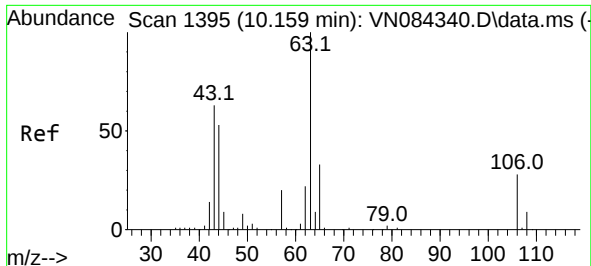
Tgt Ion:129 Resp: 12356
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5



#54
1,2-Dibromoethane
Concen: 4.844 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:107 Resp: 10689
Ion Ratio Lower Upper
107 100
109 93.8 73.8 110.6

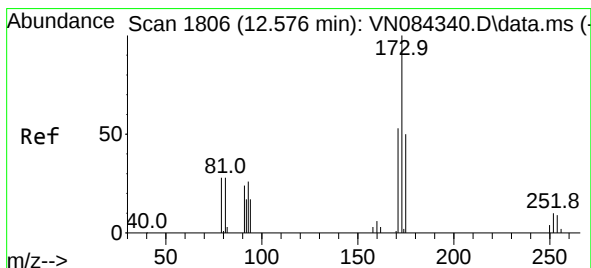
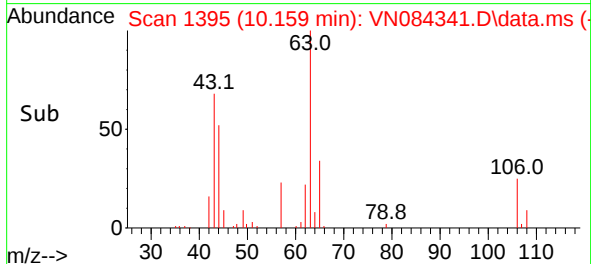
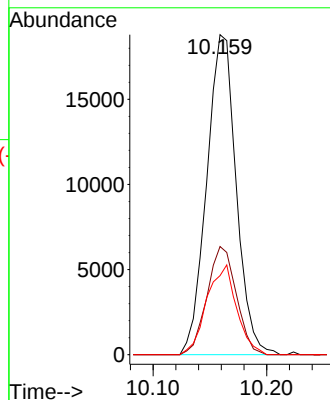
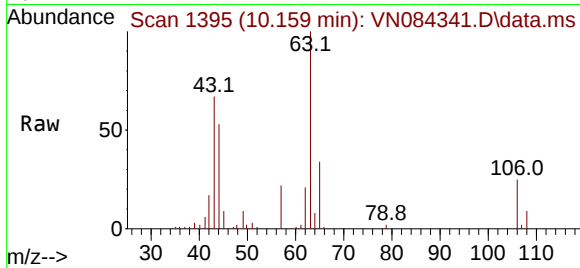




#55
2-Chloroethyl vinyl ether
Concen: 21.155 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

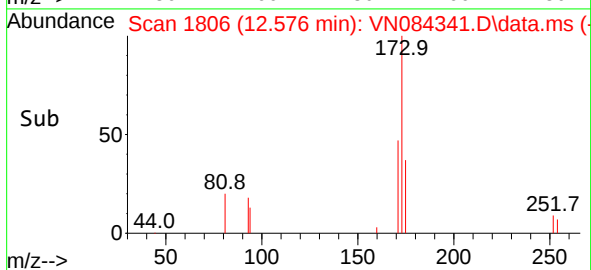
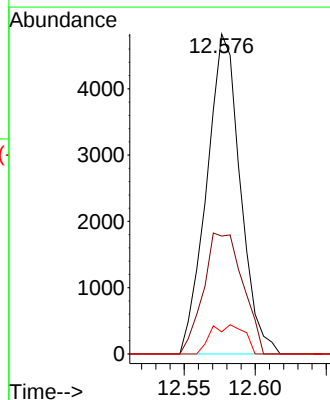
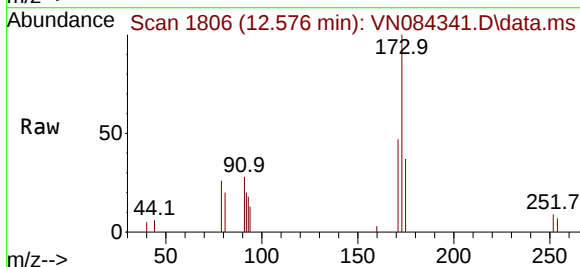
Instrument :
MSVOA_N
ClientSampleId :

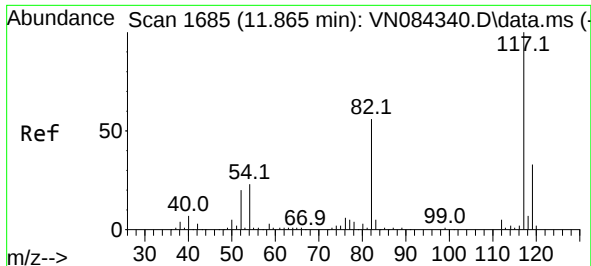
Tgt Ion:	63	Resp:	33972
Ion	Ratio	Lower	Upper
63	100		
65	33.4	25.6	38.4
106	28.4	21.6	32.4



#56
Bromoform
Concen: 4.725 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:	173	Resp:	7936
Ion	Ratio	Lower	Upper
173	100		
175	44.2	39.4	59.2
254	4.0	6.8	10.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

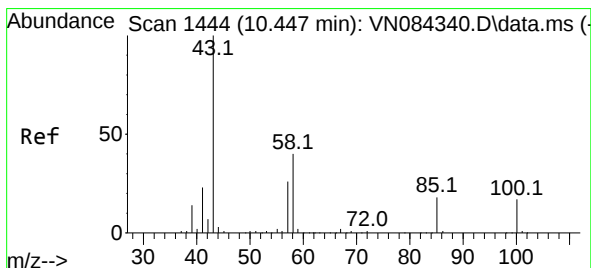
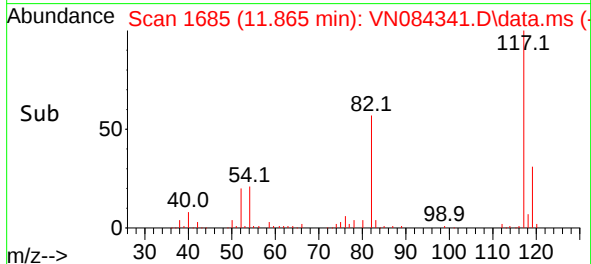
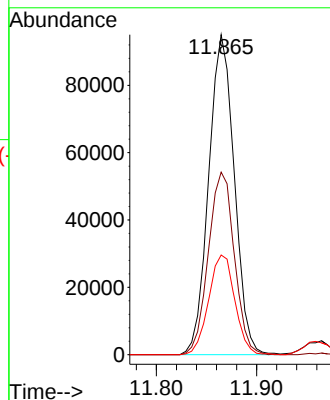
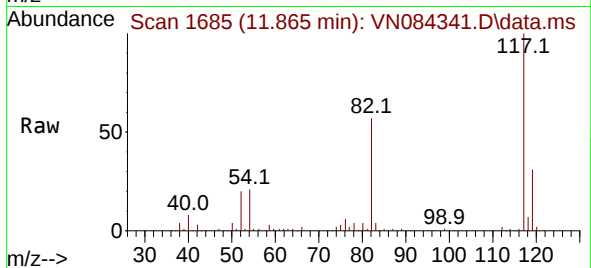
Tgt Ion:117 Resp: 168912

Ion Ratio Lower Upper

117 100

82 57.8 46.2 69.4

119 31.8 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 23.145 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

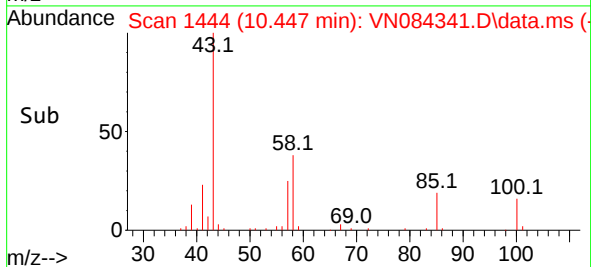
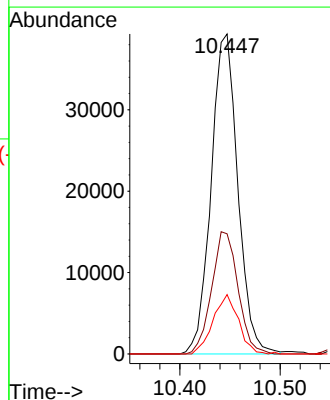
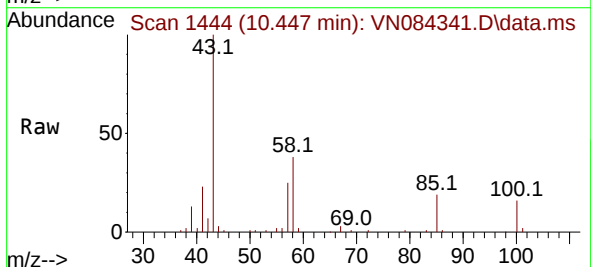
Tgt Ion: 43 Resp: 72827

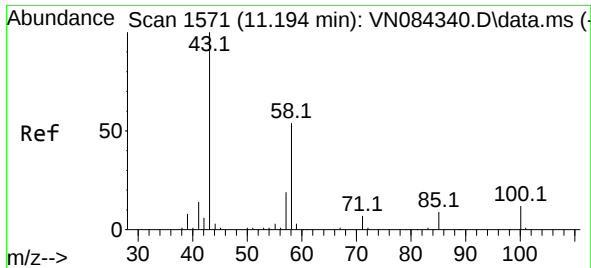
Ion Ratio Lower Upper

43 100

58 37.7 31.9 47.9

85 17.6 14.6 22.0

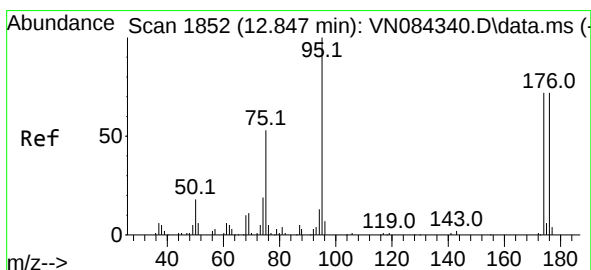
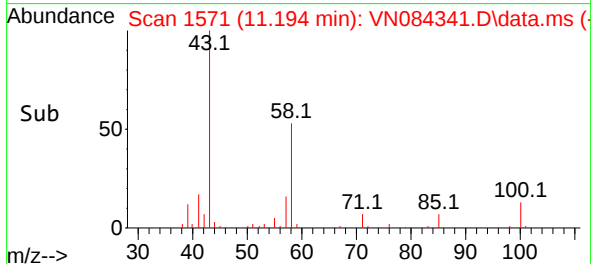
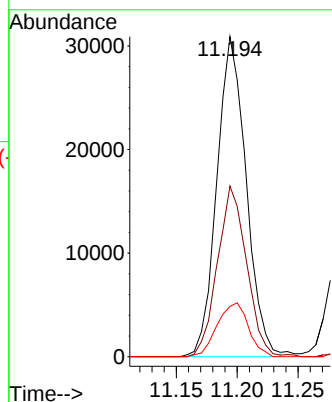
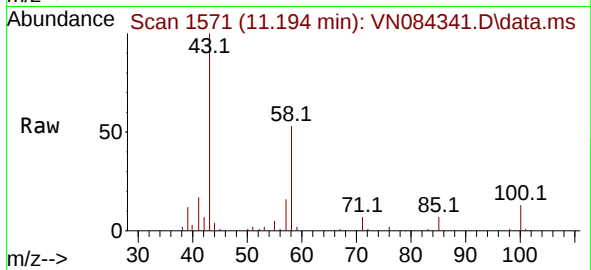




#59
2-Hexanone
Concen: 22.071 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

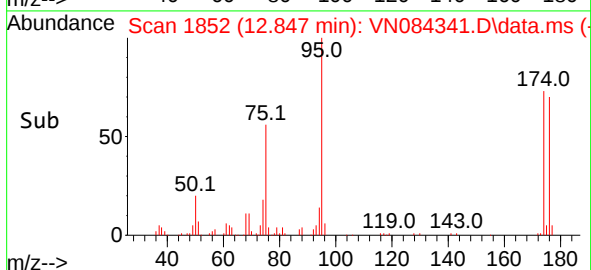
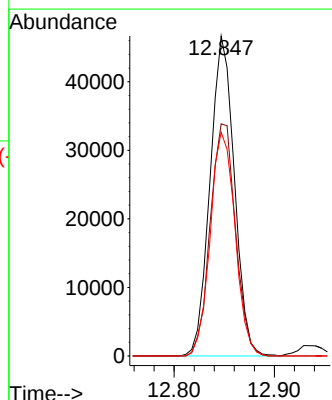
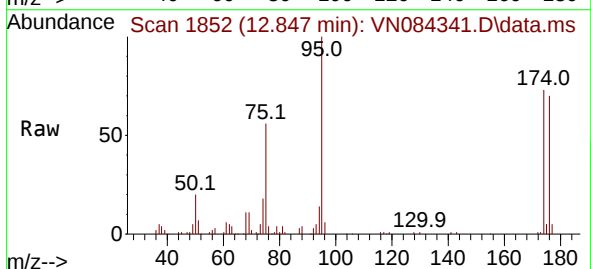
Instrument :
MSVOA_N
ClientSampleId :

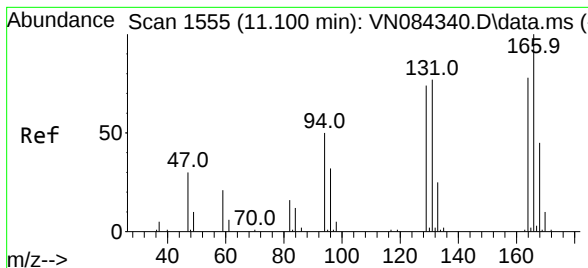
Tgt Ion:	43	Resp:	51606
Ion Ratio	Lower	Upper	
43	100		
58	53.0	44.0	66.0
57	17.9	15.4	23.2



#60
4-Bromofluorobenzene
Concen: 28.170 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:	95	Resp:	78531
Ion Ratio	Lower	Upper	
95	100		
174	75.5	58.2	87.2
176	71.4	56.4	84.6





#61

Tetrachloroethene

Concen: 5.266 ug/l

RT: 11.100 min Scan# 11

Delta R.T. 0.000 min

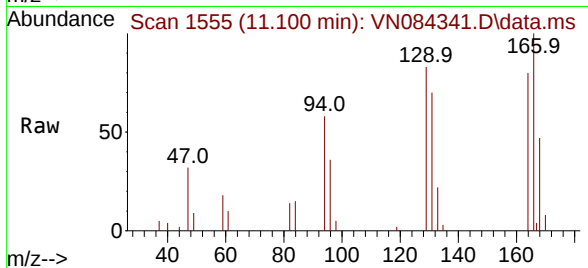
Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 10061

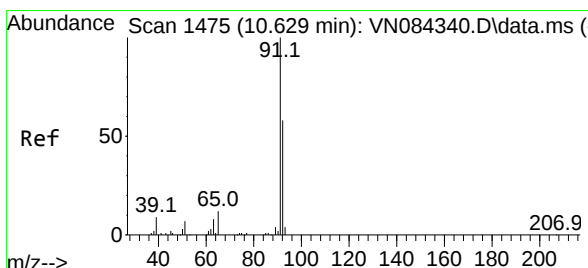
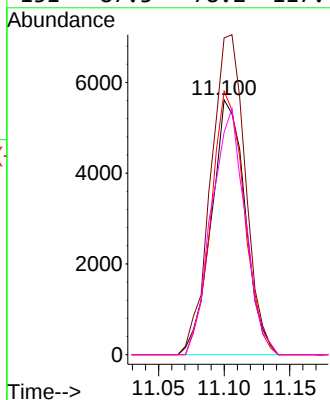
Ion Ratio Lower Upper

164 100

166 124.3 102.5 153.7

129 103.3 75.7 113.5

131 87.3 78.2 117.4



#62

Toluene

Concen: 5.030 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN084341.D

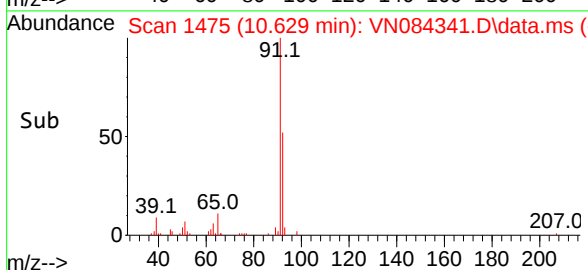
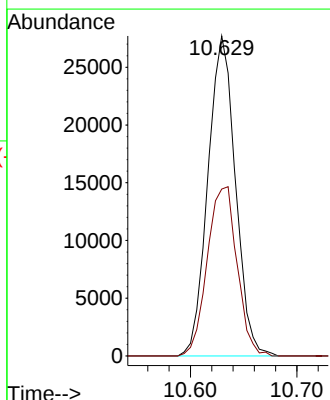
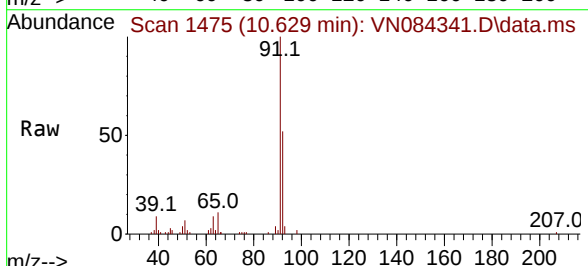
Acq: 08 Oct 2024 11:19

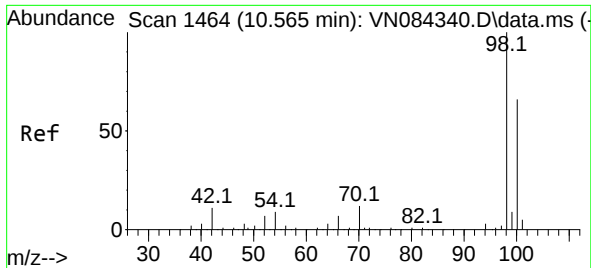
Tgt Ion: 91 Resp: 49743

Ion Ratio Lower Upper

91 100

92 57.1 47.2 70.8

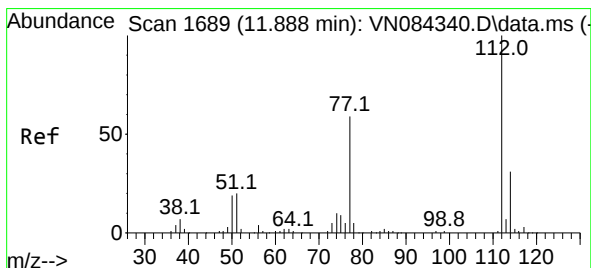
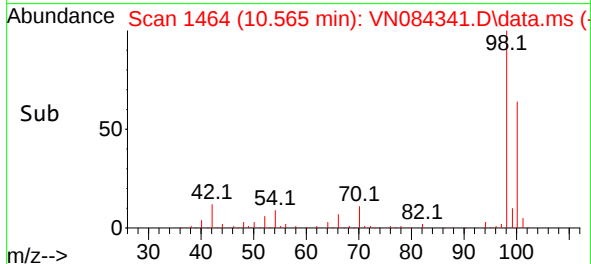
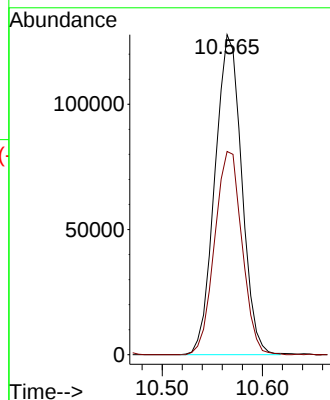
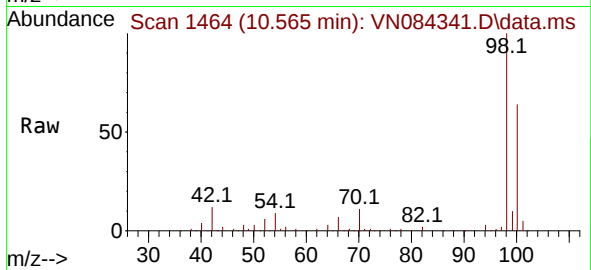




#63
Toluene-d8
Concen: 30.307 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

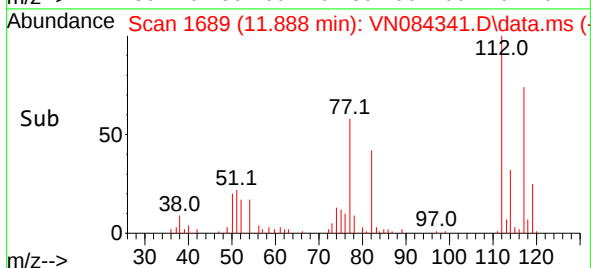
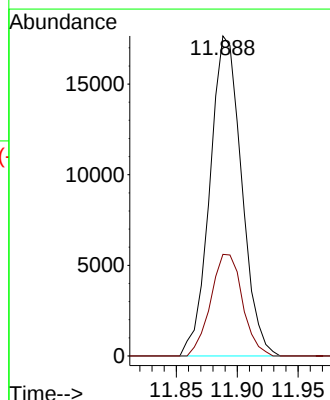
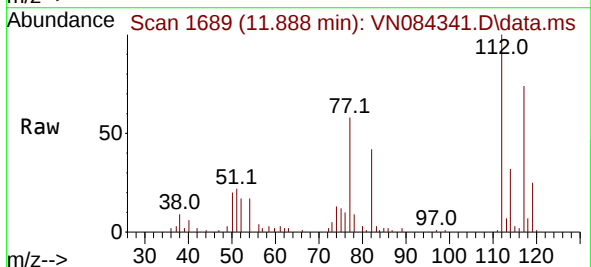
Instrument :
MSVOA_N
ClientSampleId :

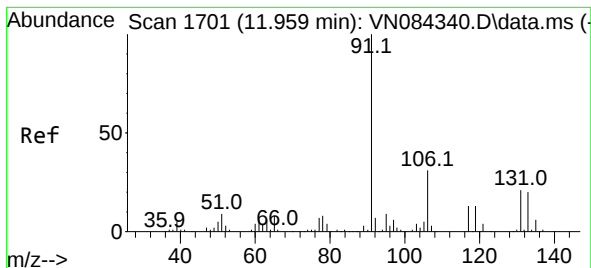
Tgt Ion: 98 Resp: 237159
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#64
Chlorobenzene
Concen: 5.199 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 112 Resp: 31991
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7

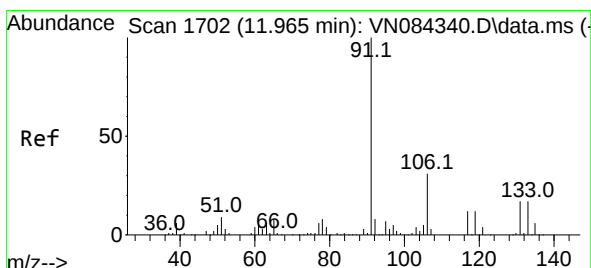
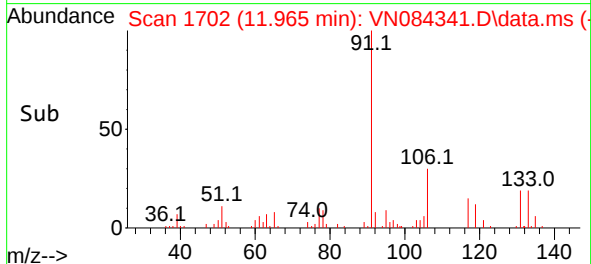
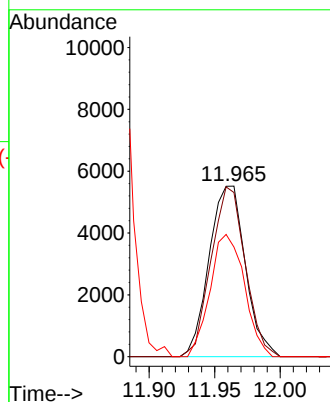
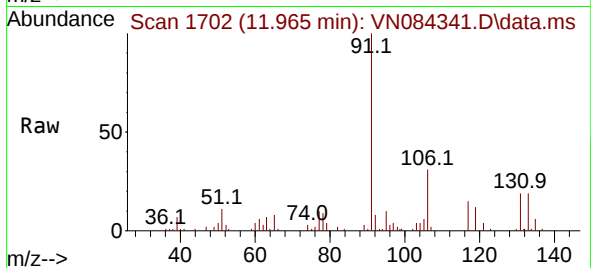




#65
1,1,1,2-Tetrachloroethane
Concen: 4.961 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

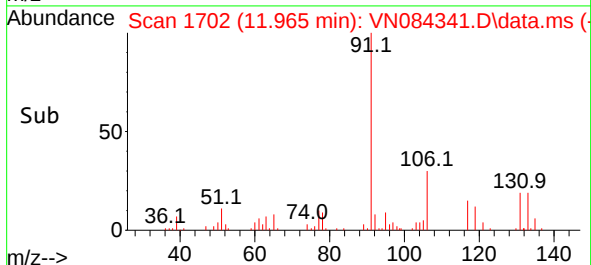
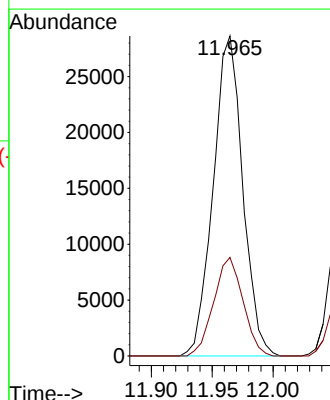
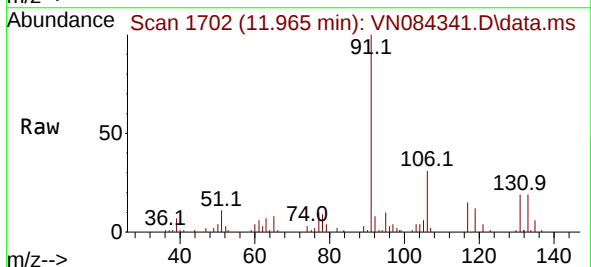
Instrument :
MSVOA_N
ClientSampleId :

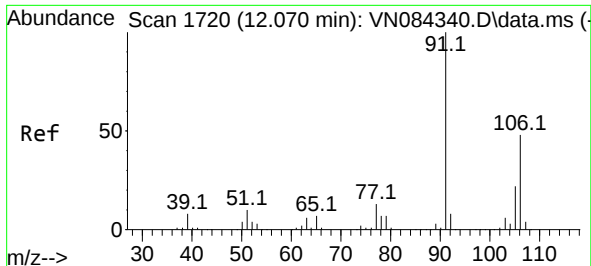
Tgt Ion:131 Resp: 10606
Ion Ratio Lower Upper
131 100
133 93.6 0.0 190.4
119 68.0 0.0 130.0



#66
Ethyl Benzene
Concen: 4.494 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 91 Resp: 48285
Ion Ratio Lower Upper
91 100
106 30.8 25.2 37.8

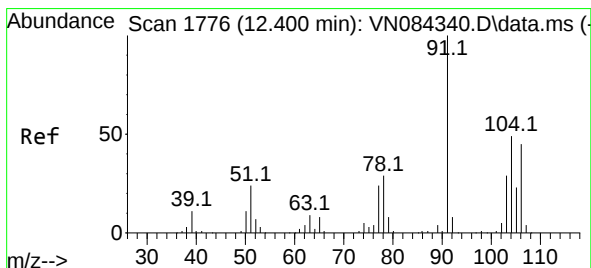
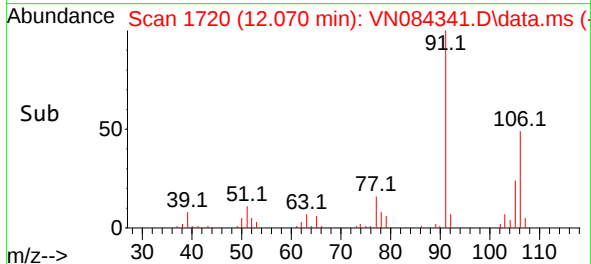
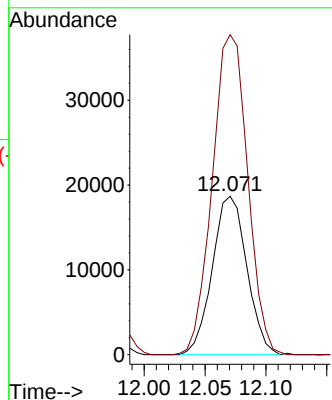
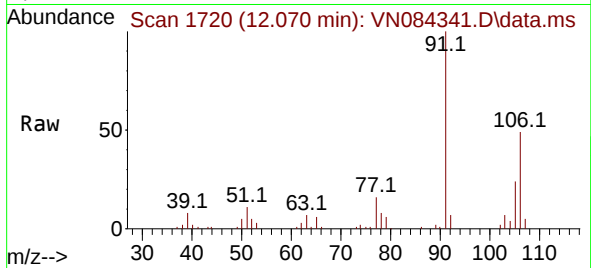




#67
m/p-Xylenes
Concen: 9.030 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

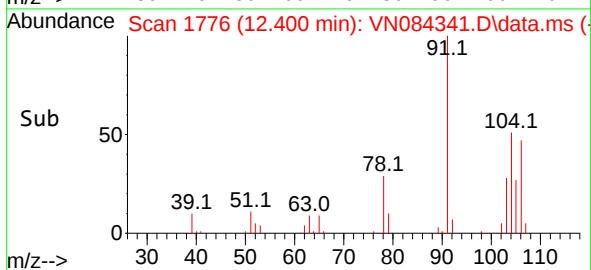
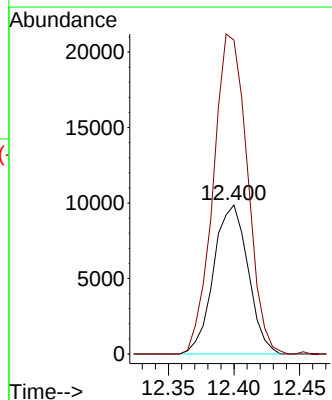
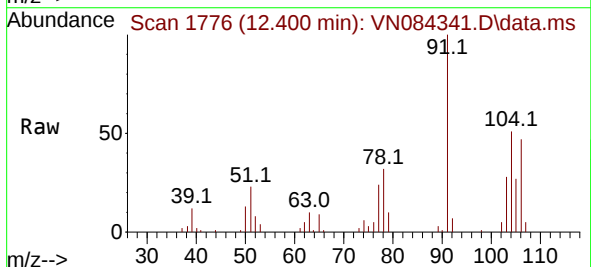
Instrument :
MSVOA_N
ClientSampleId :

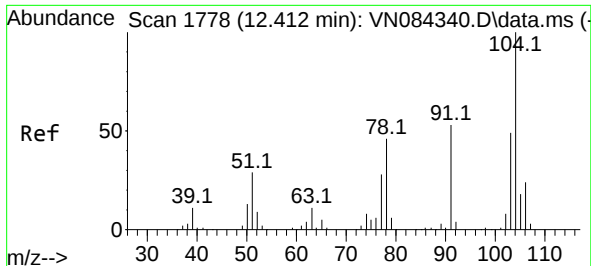
Tgt Ion:106 Resp: 36802
Ion Ratio Lower Upper
106 100
91 206.9 166.7 250.1



#68
o-Xylene
Concen: 4.591 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:106 Resp: 18036
Ion Ratio Lower Upper
106 100
91 212.7 110.9 332.9

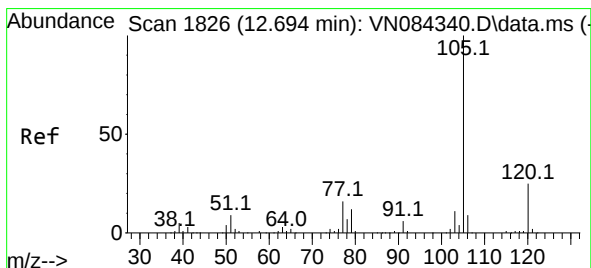
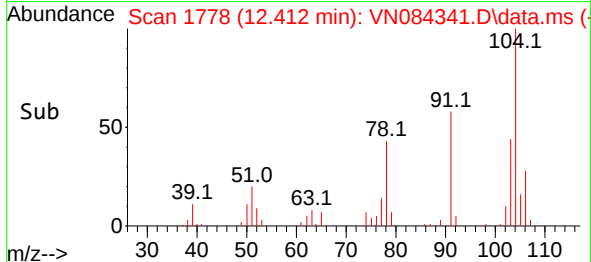
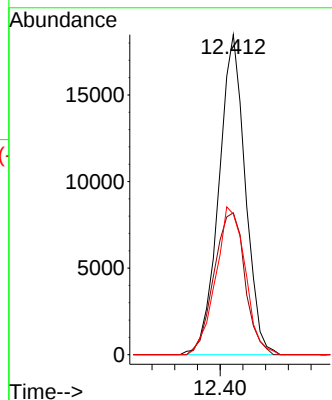
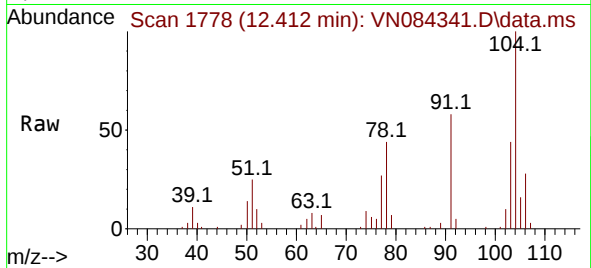




#69
Styrene
Concen: 4.421 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

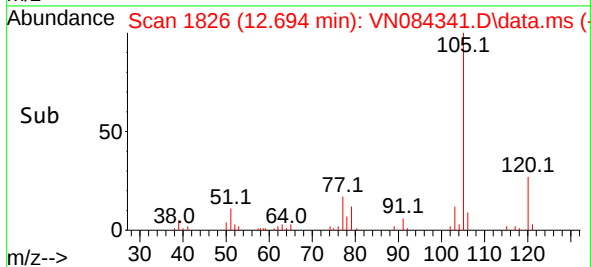
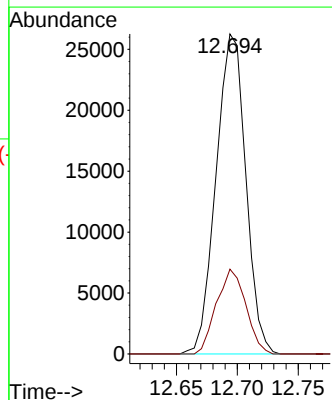
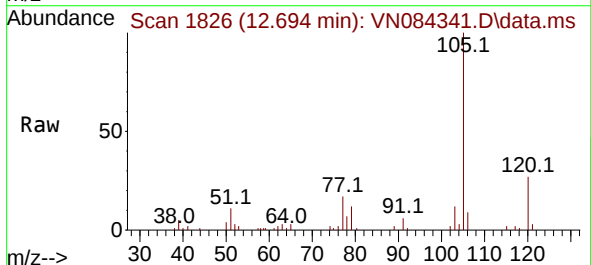
Instrument :
MSVOA_N
ClientSampleId :

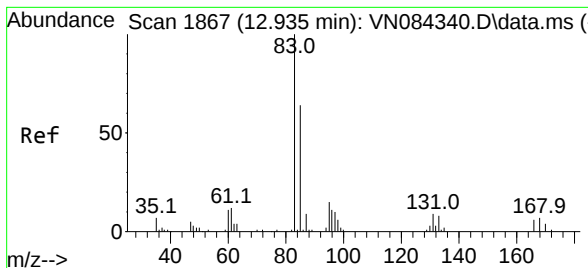
Tgt Ion:104 Resp: 29815
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 51.9 44.4 66.6



#70
Isopropylbenzene
Concen: 4.455 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:105 Resp: 44677
Ion Ratio Lower Upper
105 100
120 26.1 17.4 32.4

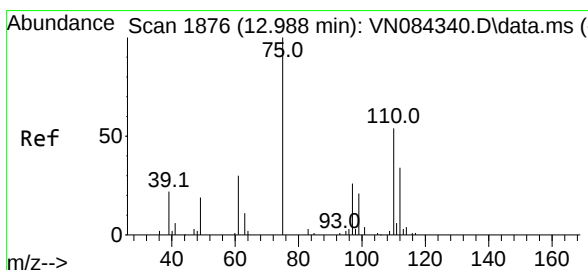
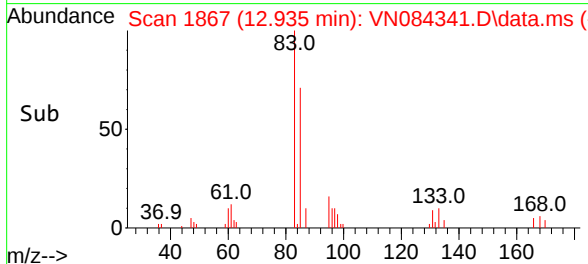
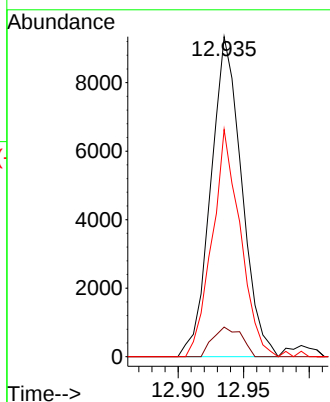
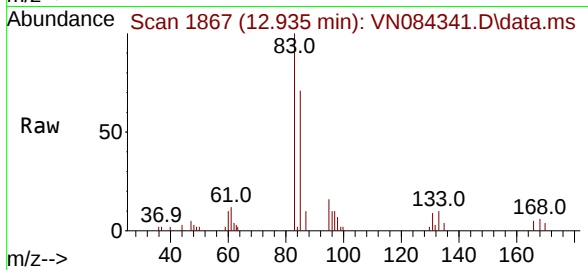




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.928 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN084341.D
 Acq: 08 Oct 2024 11:19

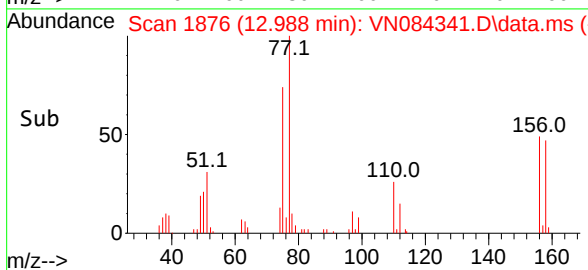
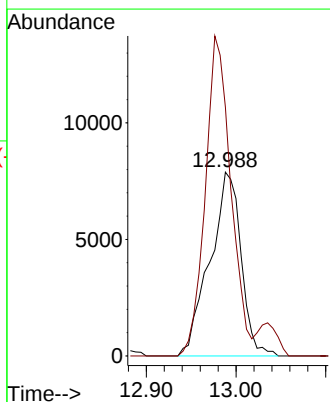
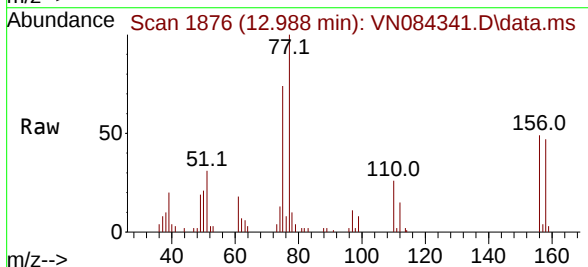
Instrument :
 MSVOA_N
 ClientSampleId :

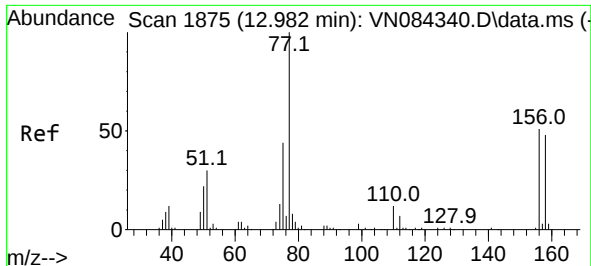
Tgt Ion: 83 Resp: 15289
 Ion Ratio Lower Upper
 83 100
 131 8.6 5.1 15.3
 85 64.7 32.0 96.2



#72
 1,2,3-Trichloropropane
 Concen: 7.159 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN084341.D
 Acq: 08 Oct 2024 11:19

Tgt Ion: 75 Resp: 18996
 Ion Ratio Lower Upper
 75 100
 77 142.8 0.0 414.0

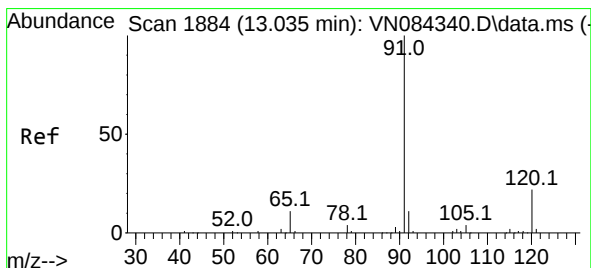
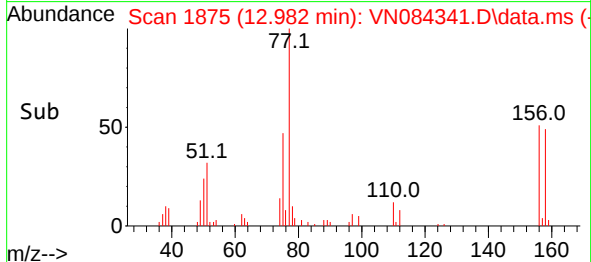
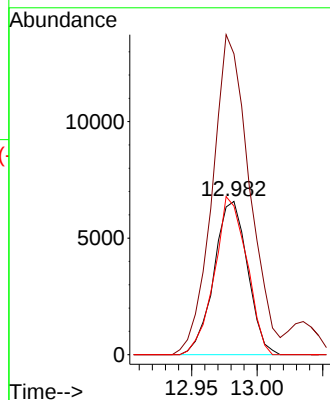
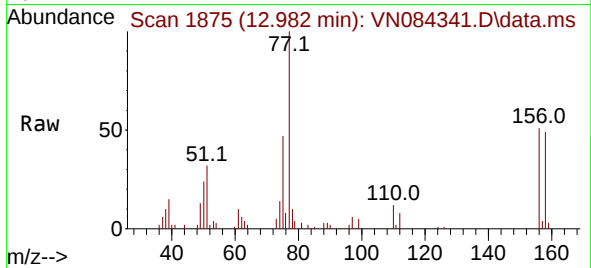




#73
Bromobenzene
Concen: 4.826 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

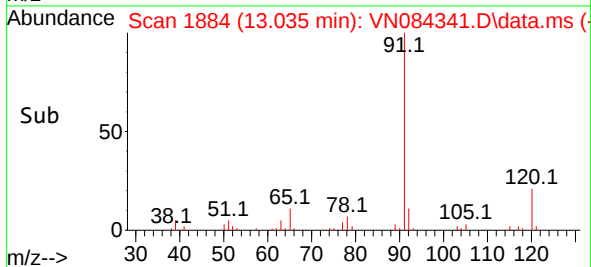
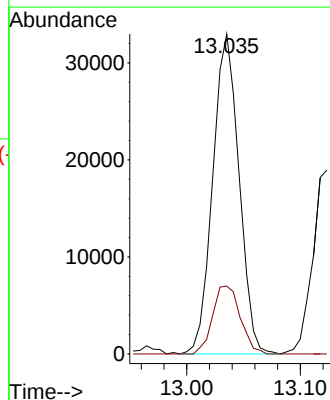
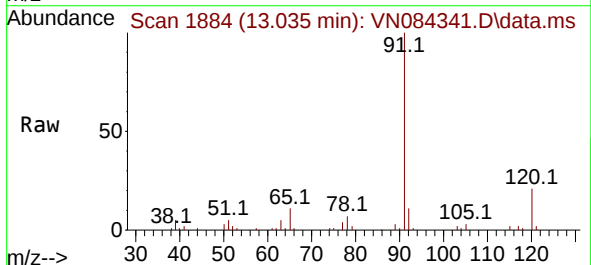
Instrument :
MSVOA_N
ClientSampleId :

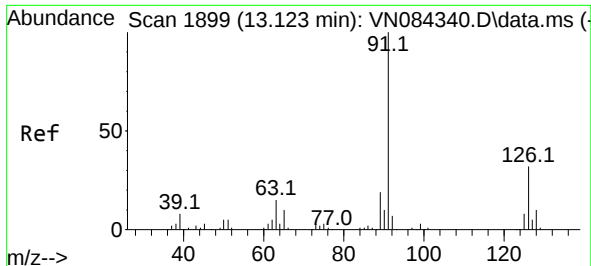
Tgt Ion:156 Resp: 11720
Ion Ratio Lower Upper
156 100
77 231.5 0.0 451.0
158 99.2 0.0 194.6



#74
n-propylbenzene
Concen: 4.431 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 91 Resp: 52955
Ion Ratio Lower Upper
91 100
120 22.4 0.0 43.2

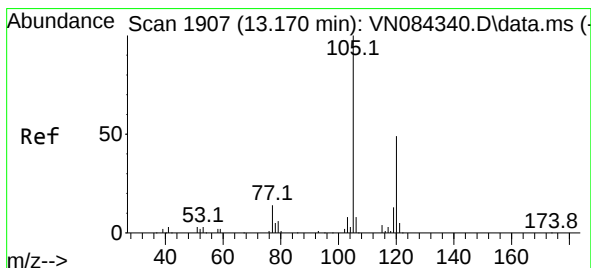
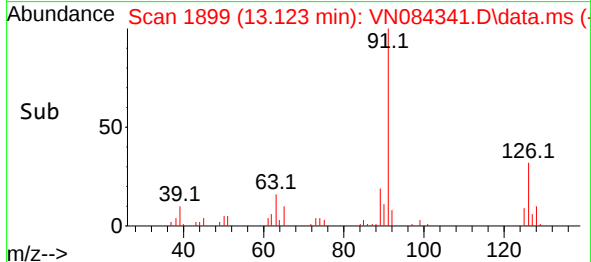
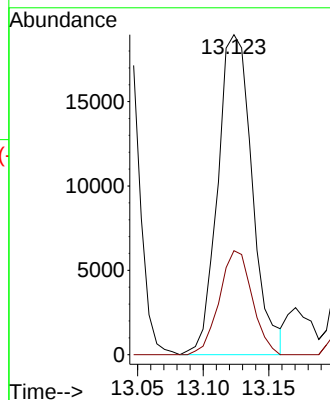
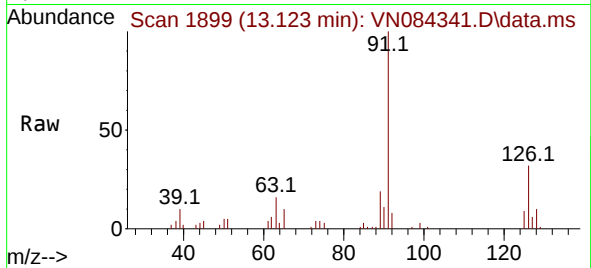




#75
2-Chlorotoluene
Concen: 4.673 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

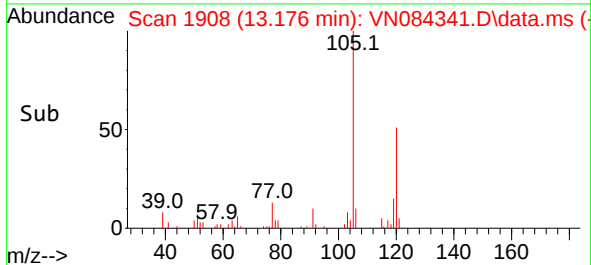
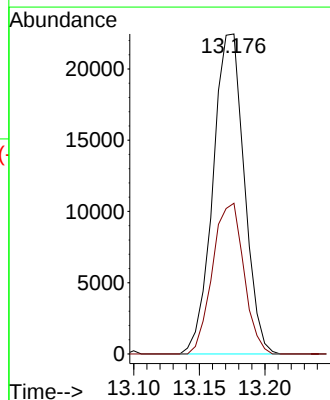
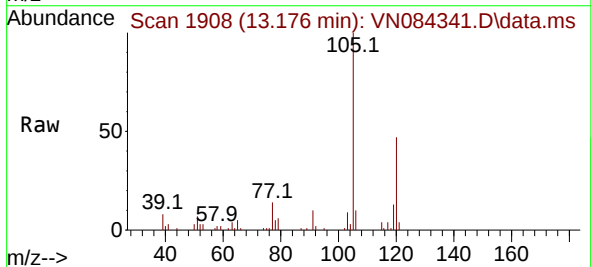
Instrument :
MSVOA_N
ClientSampleId :

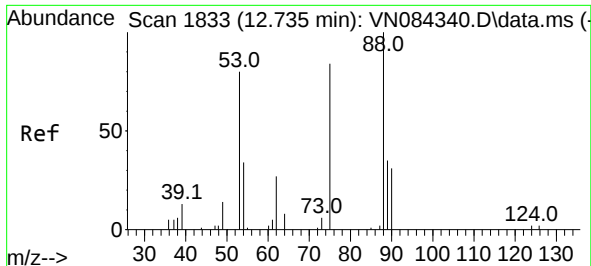
Tgt Ion: 91 Resp: 34704
Ion Ratio Lower Upper
91 100
126 30.8 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 4.410 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 105 Resp: 37234
Ion Ratio Lower Upper
105 100
120 47.0 0.0 94.4

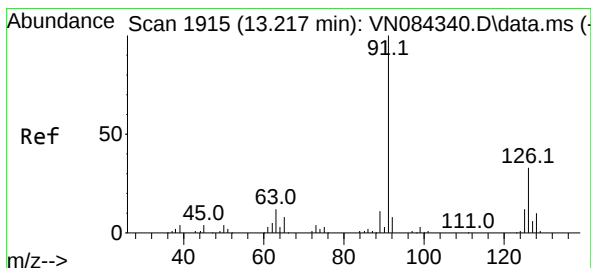
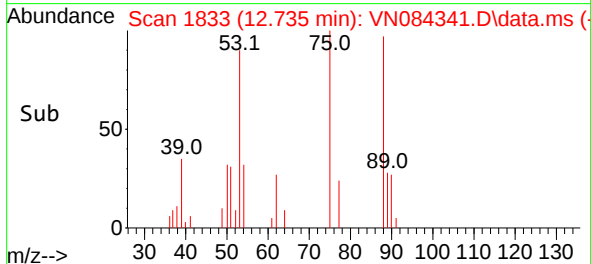
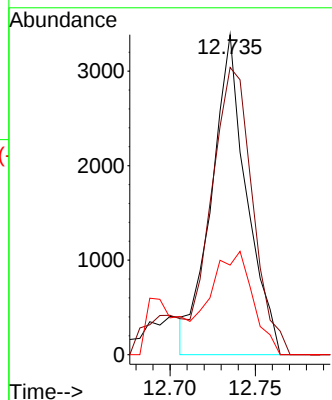
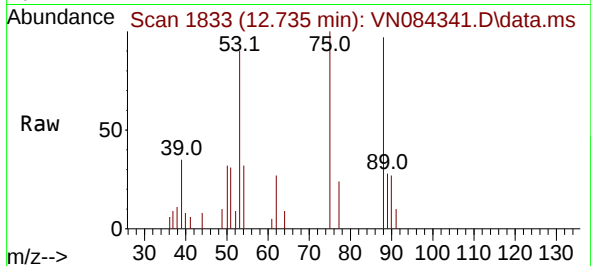




#77
t-1,4-Dichloro-2-butene
Concen: 4.245 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

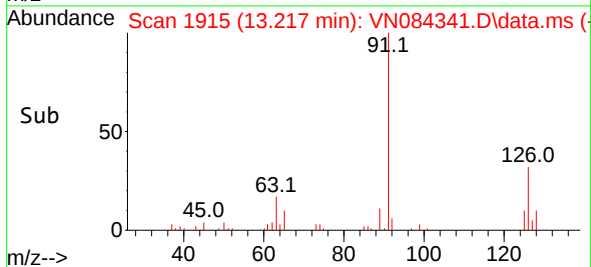
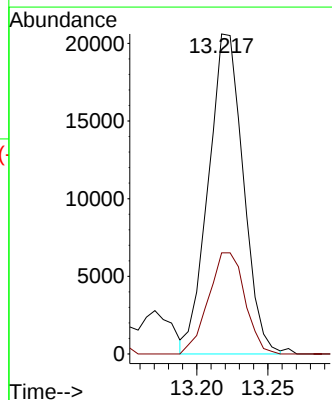
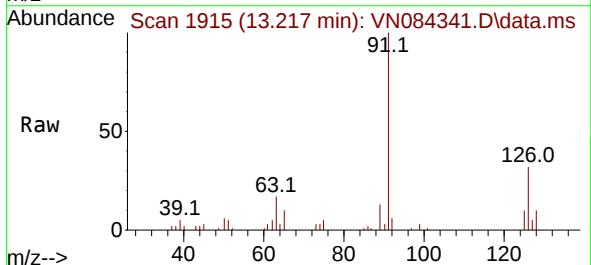
Instrument :
MSVOA_N
ClientSampleId :

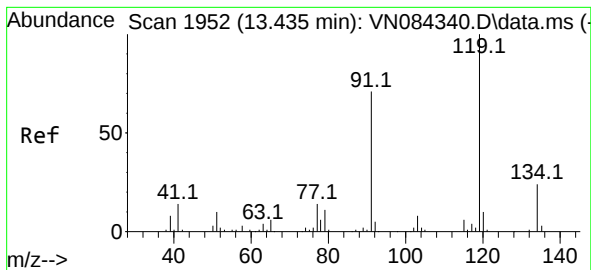
Tgt Ion: 75 Resp: 4820
Ion Ratio Lower Upper
75 100
53 82.4 47.3 142.0
89 28.0 22.9 68.8



#78
4-Chlorotoluene
Concen: 4.653 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 91 Resp: 35132
Ion Ratio Lower Upper
91 100
126 33.0 0.0 62.4

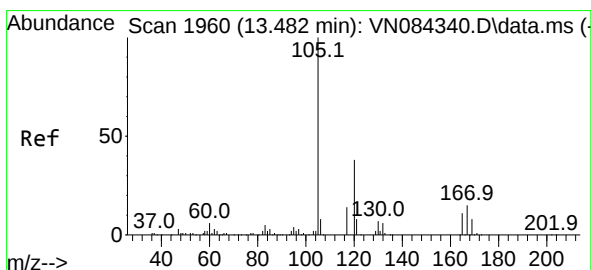
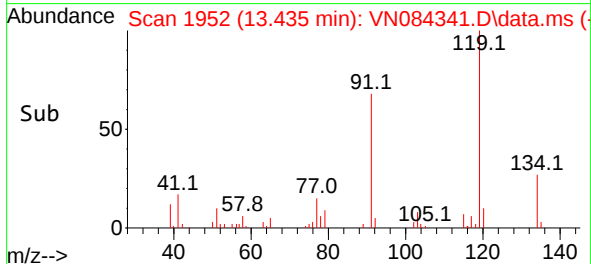
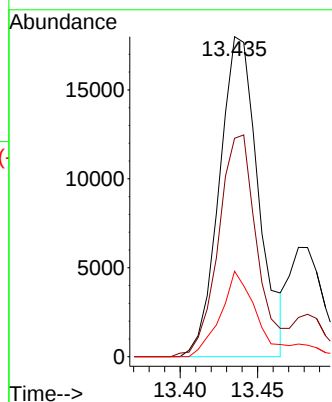
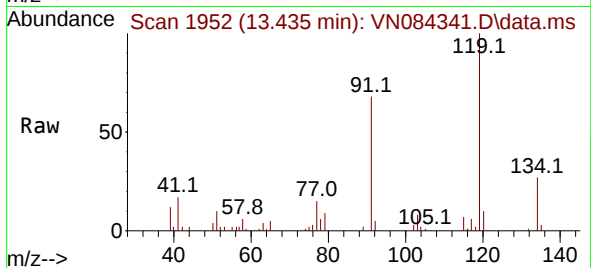




#79
tert-butylbenzene
Concen: 4.384 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

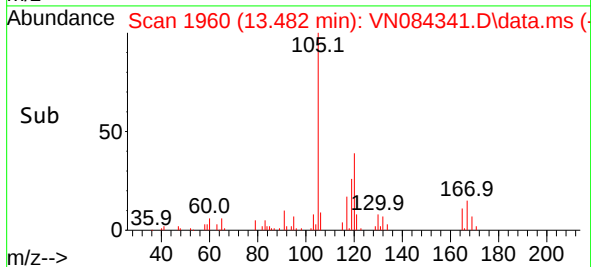
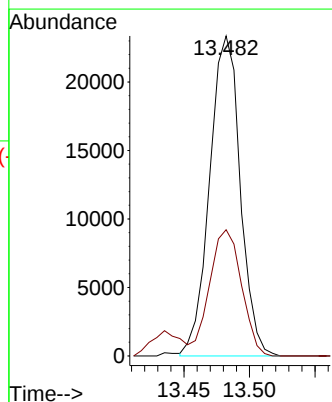
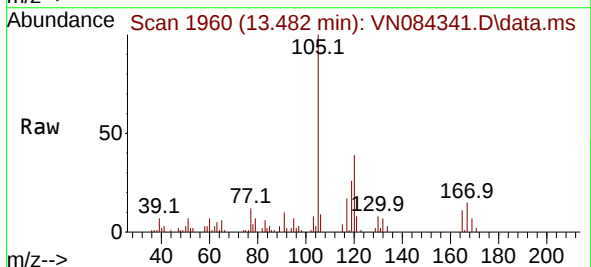
Instrument :
MSVOA_N
ClientSampleId :

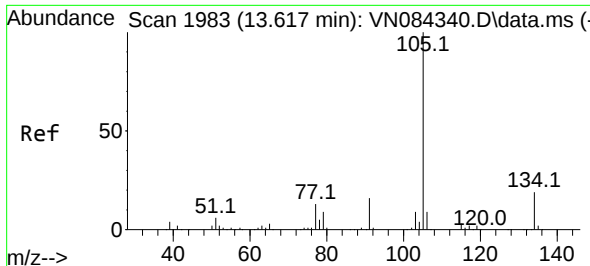
Tgt Ion:119 Resp: 31579
Ion Ratio Lower Upper
119 100
91 67.7 0.0 138.0
134 23.7 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 4.427 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:105 Resp: 37927
Ion Ratio Lower Upper
105 100
120 41.2 0.0 88.8

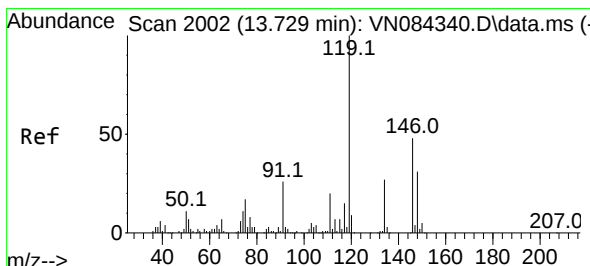
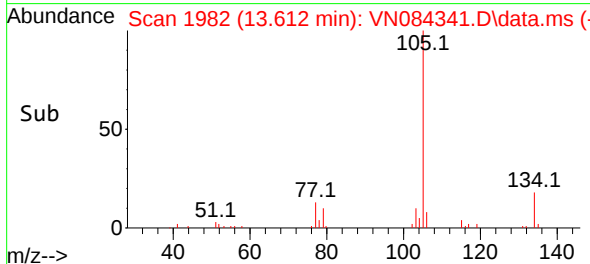
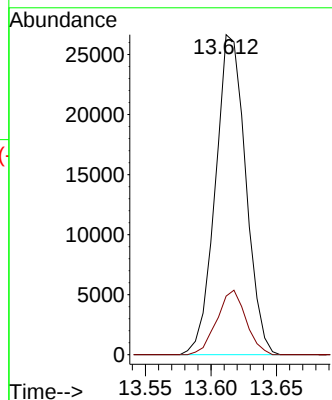
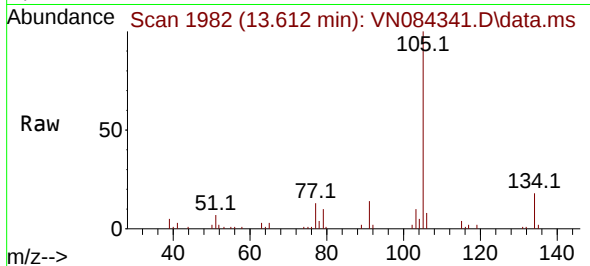




#81
 sec-Butylbenzene
 Concen: 4.321 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084341.D
 Acq: 08 Oct 2024 11:19

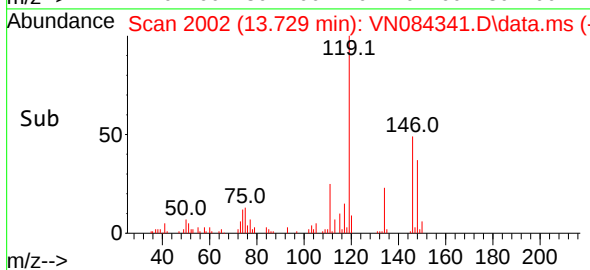
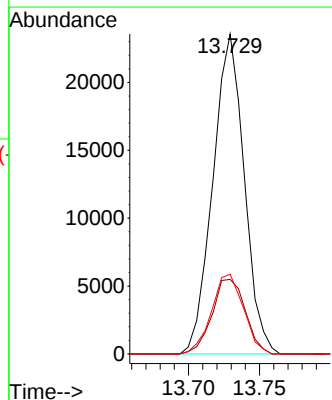
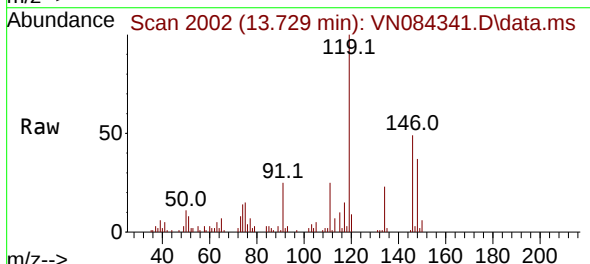
Instrument :
 MSVOA_N
 ClientSampleId :

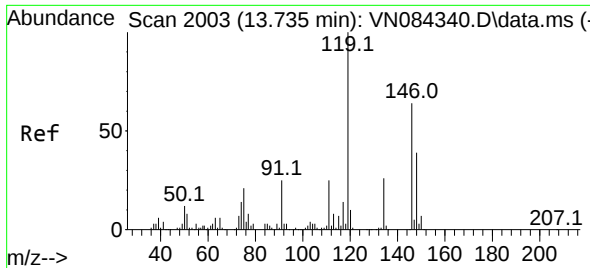
Tgt Ion:105 Resp: 42859
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 4.335 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084341.D
 Acq: 08 Oct 2024 11:19

Tgt Ion:119 Resp: 36191
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 50.2
 91 25.4 0.0 50.6

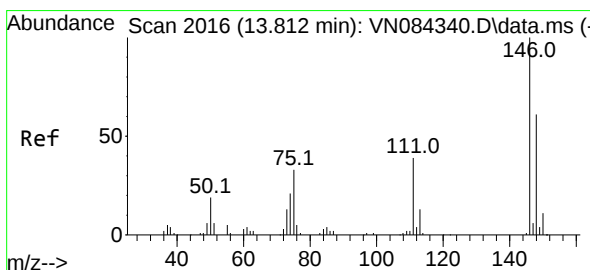
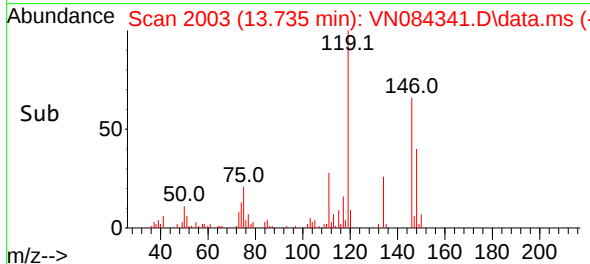
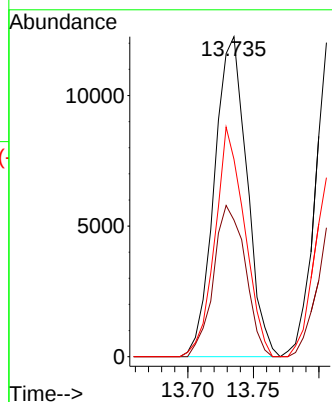
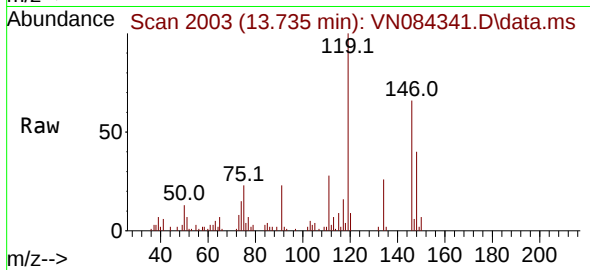




#83
 1,3-Dichlorobenzene
 Concen: 4.675 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN084341.D
 Acq: 08 Oct 2024 11:19

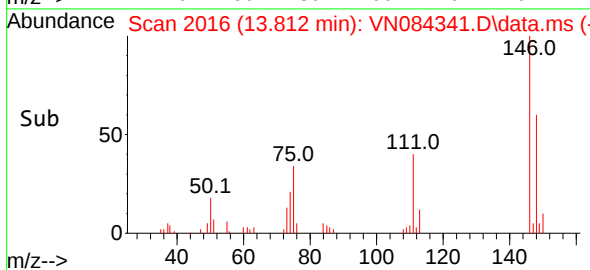
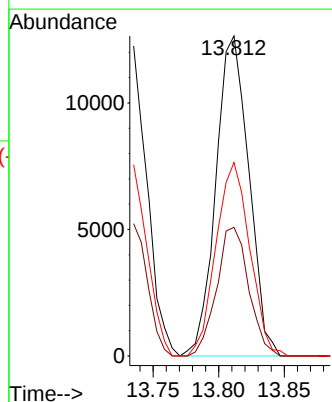
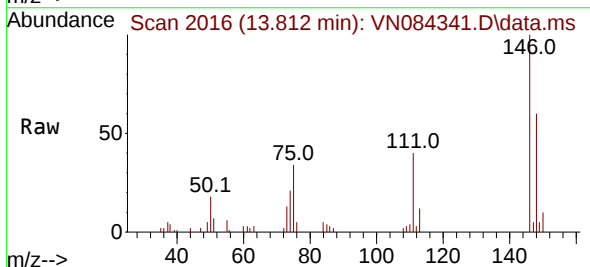
Instrument :
 MSVOA_N
 ClientSampleId :

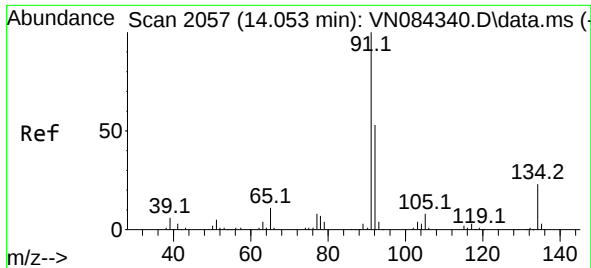
Tgt Ion:146 Resp: 21112
 Ion Ratio Lower Upper
 146 100
 111 46.3 20.6 61.9
 148 65.3 31.6 94.7



#84
 1,4-Dichlorobenzene
 Concen: 4.932 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084341.D
 Acq: 08 Oct 2024 11:19

Tgt Ion:146 Resp: 22118
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.5 61.5
 148 62.1 32.5 97.4

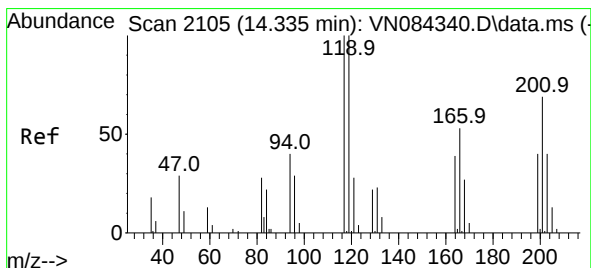
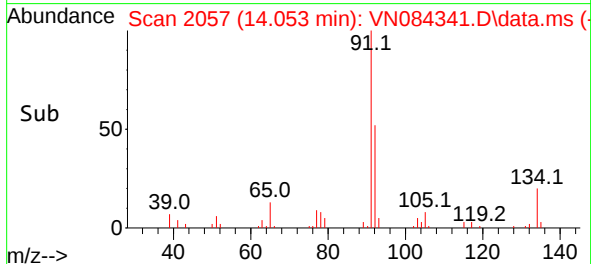
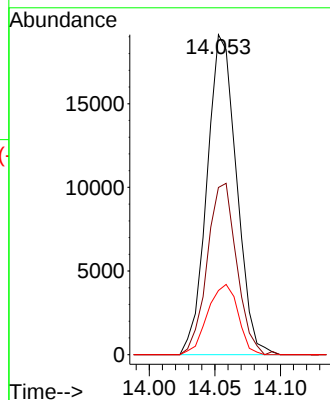
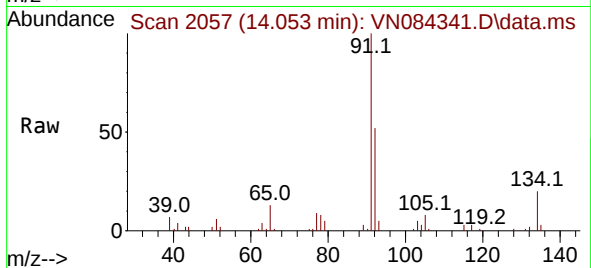




#85
n-Butylbenzene
Concen: 4.148 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

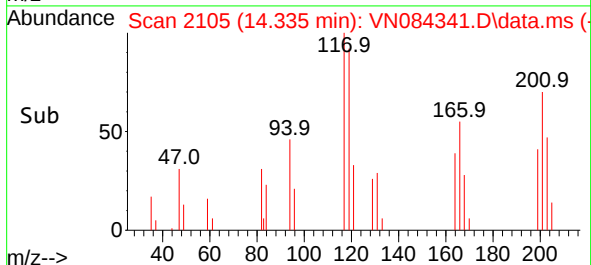
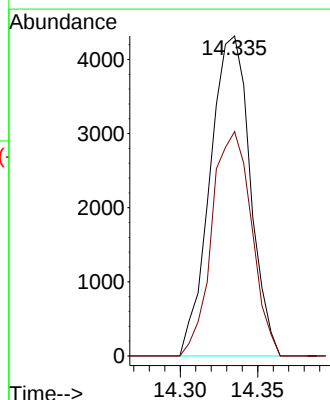
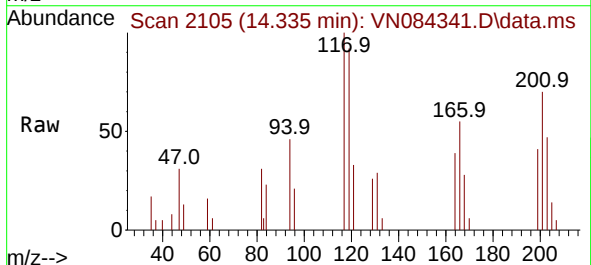
Instrument :
MSVOA_N
ClientSampleId :

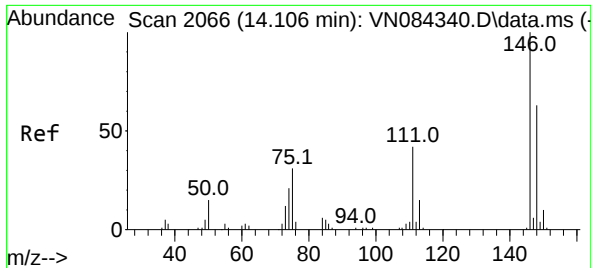
Tgt Ion: 91 Resp: 29988
Ion Ratio Lower Upper
91 100
92 53.1 0.0 103.4
134 22.6 0.0 48.0



#86
Hexachloroethane
Concen: 4.837 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion: 117 Resp: 7779
Ion Ratio Lower Upper
117 100
201 69.0 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 4.820 ug/l

RT: 14.106 min Scan# 21047

Delta R.T. 0.000 min

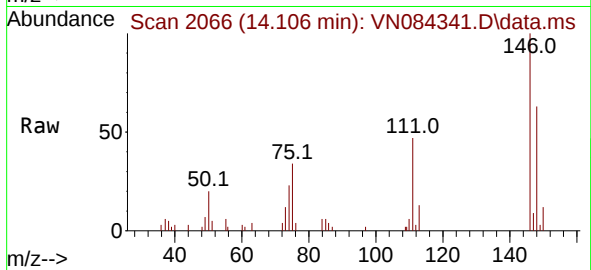
Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

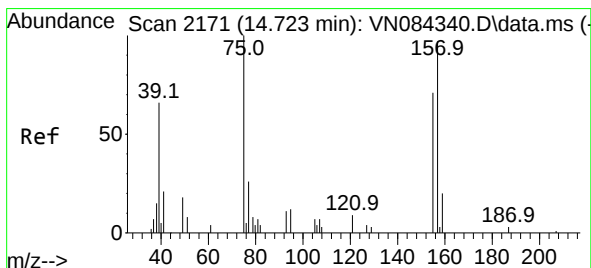
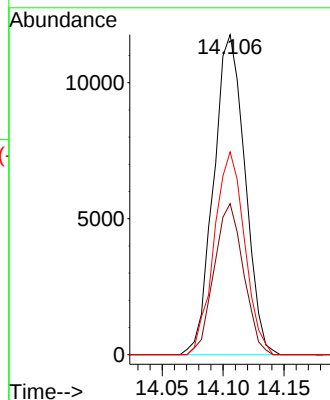
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	146	Resp:	21047
Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.9	65.5
148	61.8	31.1	93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.352 ug/l

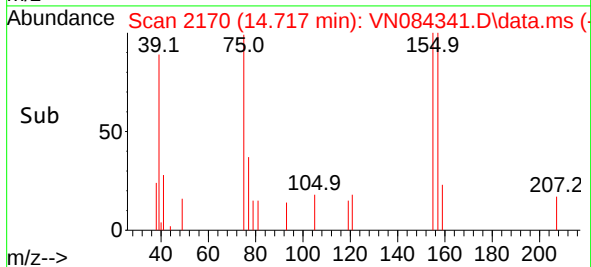
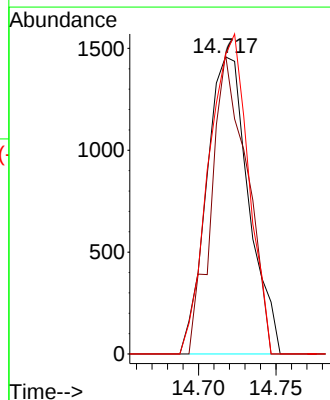
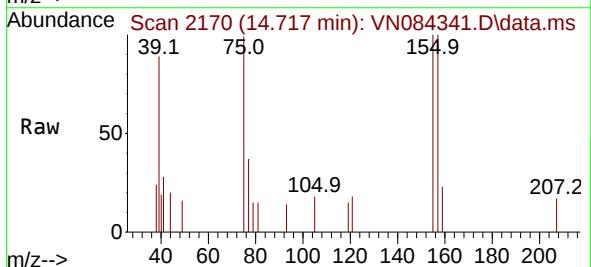
RT: 14.717 min Scan# 2170

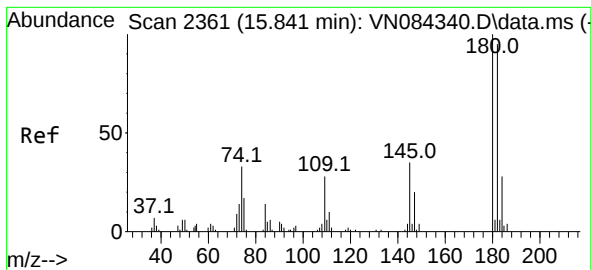
Delta R.T. -0.006 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

Tgt Ion:	75	Resp:	2761
Ion	Ratio	Lower	Upper
75	100		
155	85.0	61.8	92.8
157	101.1	77.4	116.0





#89

1,2,4-Trichlorobenzene

Concen: 4.618 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

Instrument :

MSVOA_N

ClientSampleId :

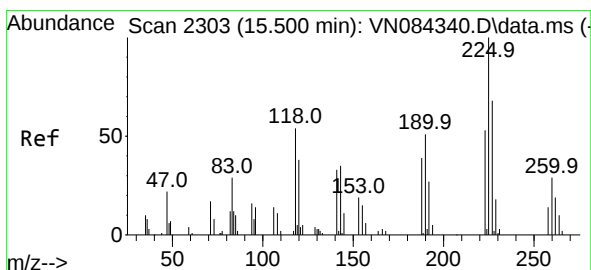
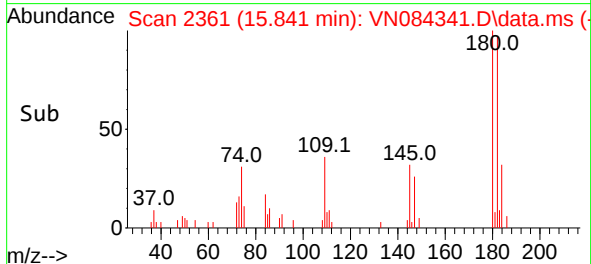
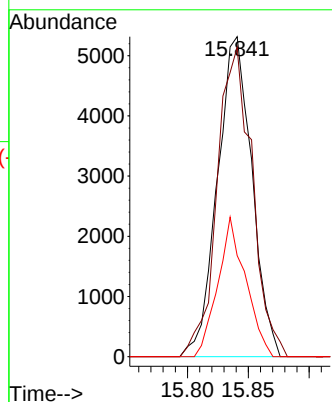
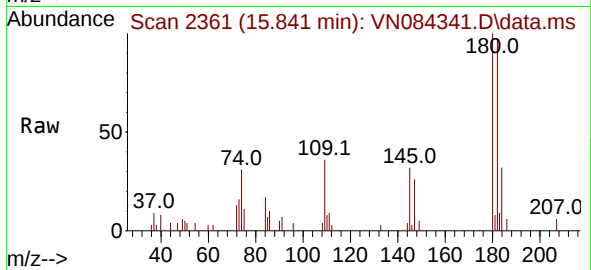
Tgt Ion:180 Resp: 10483

Ion Ratio Lower Upper

180 100

182 98.2 77.8 116.6

145 35.2 28.9 43.3



#90

Hexachlorobutadiene

Concen: 5.904 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084341.D

Acq: 08 Oct 2024 11:19

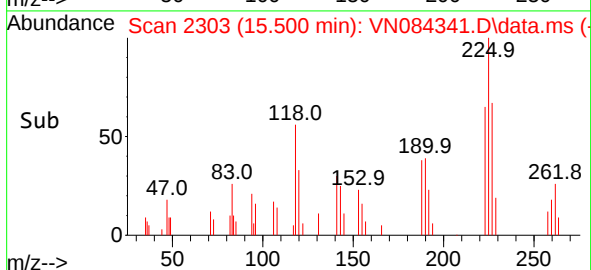
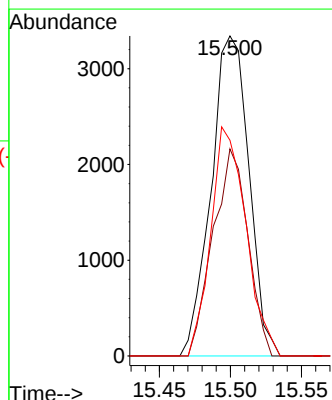
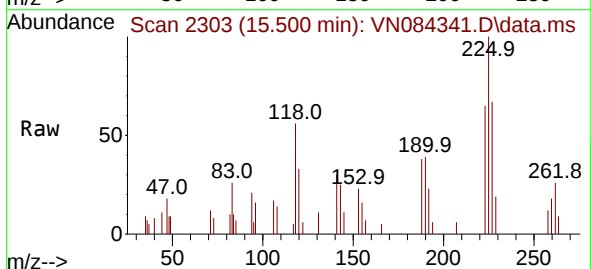
Tgt Ion:225 Resp: 6201

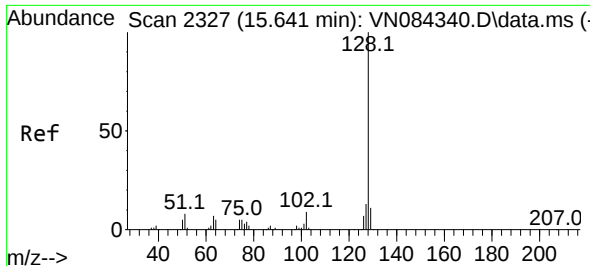
Ion Ratio Lower Upper

225 100

223 59.6 0.0 124.0

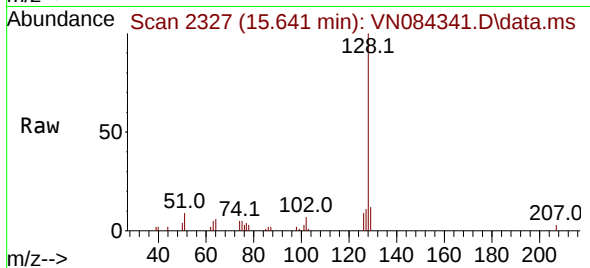
227 66.3 0.0 130.8



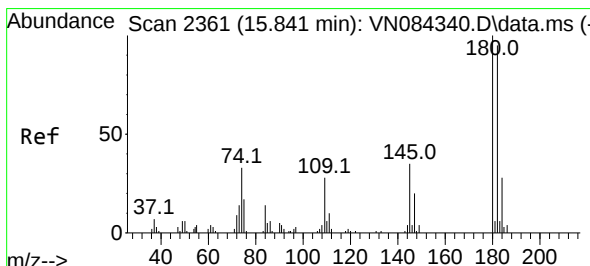
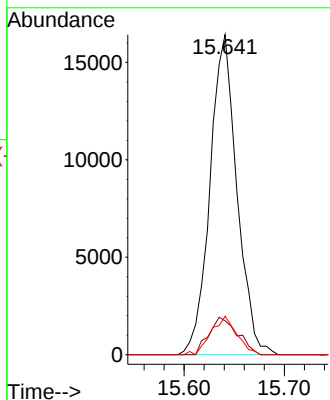
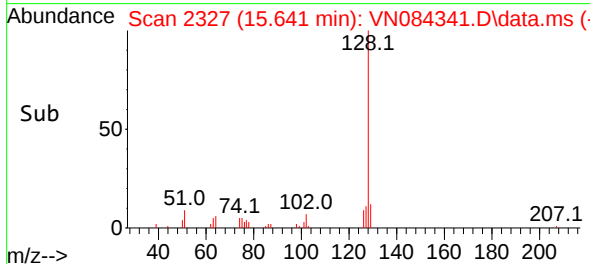


#91
Naphthalene
Concen: 3.998 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 30757
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 11.3 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 4.618 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN084341.D
Acq: 08 Oct 2024 11:19

Tgt Ion:180 Resp: 10483
Ion Ratio Lower Upper
180 100
182 98.2 0.0 194.4
145 35.2 0.0 72.2

