

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084940.D
 Acq On : 19 Nov 2024 12:28
 Operator : JC\MD
 Sample : P4770-01 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Nov 20 00:25:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128813	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122400	50.749	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.500%	
35) Dibromofluoromethane	8.165	113	99224	49.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.960%	
50) Toluene-d8	10.565	98	358924	48.593	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.180%	
62) 4-Bromofluorobenzene	12.847	95	147010	53.255	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.500%	

Target Compounds			Qvalue			
3) Chloromethane	2.360	50	777	Below Cal	#	82
5) Bromomethane	2.895	94	665	0.608	ug/l #	73
6) Chloroethane	3.071	64	609	Below Cal	#	45
13) Acrolein	4.183	56	151	0.476	ug/l #	14
16) Acetone	4.424	43	2627	0.929	ug/l #	44
17) Carbon Disulfide	4.695	76	1812	0.309	ug/l #	75
18) Methyl Acetate	5.048	43	2425	Below Cal	#	51
25) 2-Butanone	7.477	43	563	0.500	ug/l #	48
31) Cyclohexane	8.224	56	8226	2.470	ug/l #	61
36) 1,1-Dichloropropene	8.212	75	14527	5.224	ug/l #	51
37) Ethyl Acetate	7.477	43	563	0.223	ug/l #	36
38) Carbon Tetrachloride	8.218	117	18209	5.858	ug/l #	17
39) Methylcyclohexane	9.594	83	6990	2.471	ug/l	97
40) Benzene	8.600	78	9015	1.009	ug/l	90
43) Isopropyl Acetate	8.647	43	2490	Below Cal	#	56
47) Bromodichloromethane	9.871	83	3449	1.107	ug/l #	24
48) Methyl methacrylate	9.641	41	3960	2.017	ug/l #	45
51) 4-Methyl-2-Pentanone	10.488	43	6580	2.736	ug/l #	71
52) Toluene	10.630	92	228175	43.685	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	916	0.284	ug/l #	81
55) 1,1,2-Trichloroethane	11.006	97	3642	1.851	ug/l #	40
56) Ethyl methacrylate	10.847	69	1790	0.629	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.159	63	868	0.652	ug/l #	48
59) 2-Hexanone	11.171	43	1374	0.785	ug/l	69
65) Chlorobenzene	11.888	112	1974	0.331	ug/l #	87
67) Ethyl Benzene	11.965	91	559825	56.271	ug/l	99
68) m/p-Xylenes	12.065	106	1007951	267.613	ug/l	100
69) o-Xylene	12.394	106	413522	117.364	ug/l	99
70) Styrene	12.394	104	23665	3.850	ug/l #	1
73) Isopropylbenzene	12.694	105	269485	29.854	ug/l	99
74) N-amyl acetate	12.494	43	1453	0.378	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.835	83	763	0.253	ug/l	97
76) 1,2,3-Trichloropropane	13.035	75	3320	1.289	ug/l #	1
77) Bromobenzene	12.977	156	1018	0.419	ug/l #	1
78) n-propylbenzene	13.035	91	498228	47.100	ug/l	98
79) 2-Chlorotoluene	13.094	91	152000	21.991	ug/l #	43

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

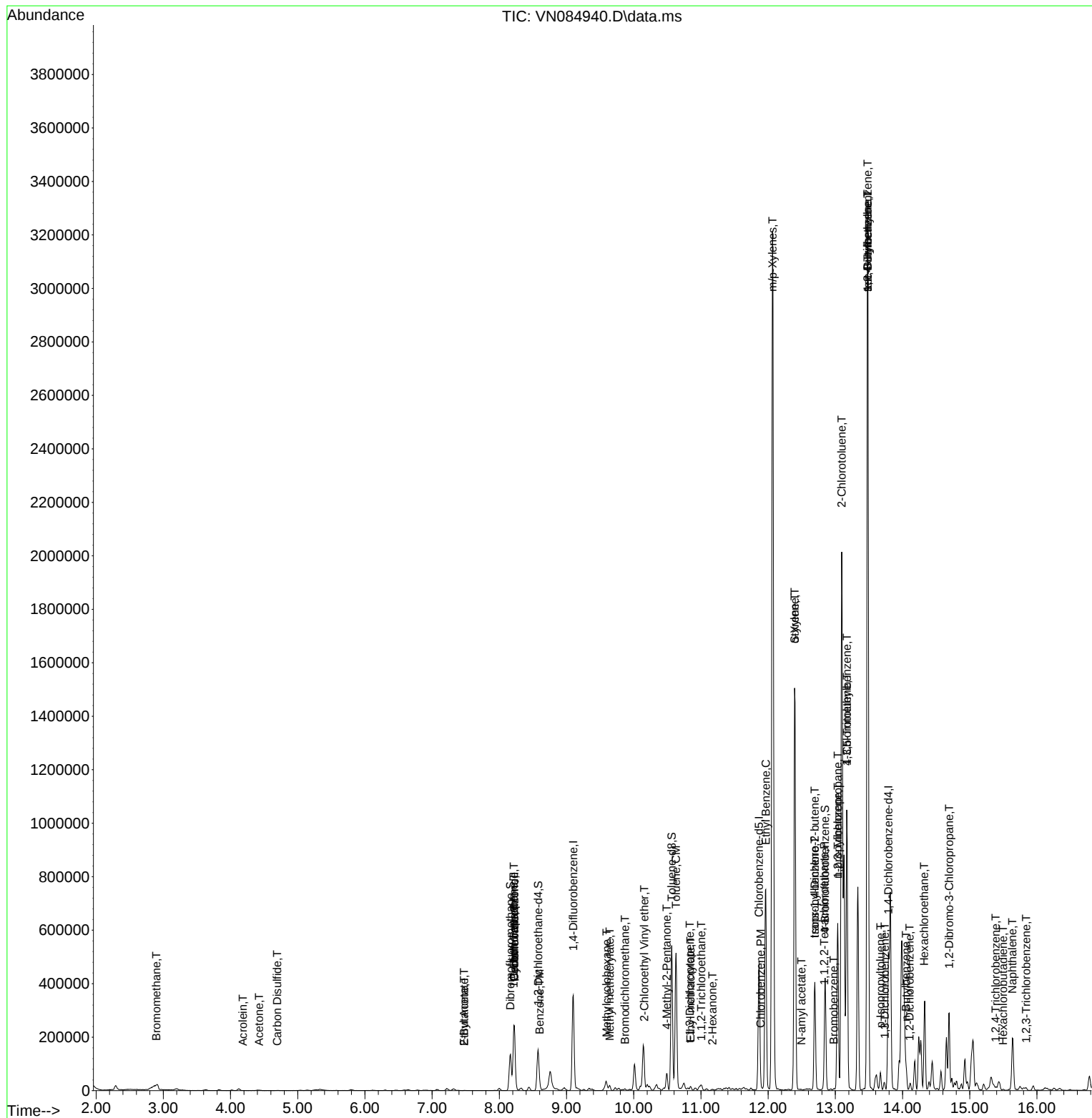
80) 1,3,5-Trimethylbenzene	13.171	105	552446	73.840	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.694	75	3106	2.862	ug/l #	31
82) 4-Chlorotoluene	13.171	91	56228	7.730	ug/l #	43
83) tert-Butylbenzene	13.482	119	228882	36.964	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.482	105	1923009	249.036	ug/l	99
85) sec-Butylbenzene	13.482	105	1923009	219.859	ug/l #	57
86) p-Isopropyltoluene	13.671	119	33307	4.643	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	3484	0.736	ug/l	91
88) 1,4-Dichlorobenzene	13.735	146	3484	Below Cal		90
89) n-Butylbenzene	14.053	91	42837	6.384	ug/l #	75
90) Hexachloroethane	14.323	117	15990	9.996	ug/l #	15
91) 1,2-Dichlorobenzene	14.106	146	2787	0.612	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.694	75	1063	1.741	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.388	180	2956	1.187	ug/l #	53
94) Hexachlorobutadiene	15.494	225	781	0.714	ug/l	96
95) Naphthalene	15.635	128	187207	25.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	3103	1.283	ug/l #	87

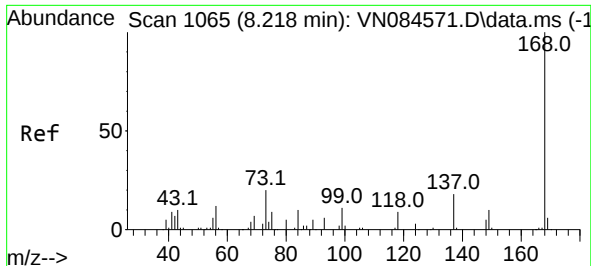
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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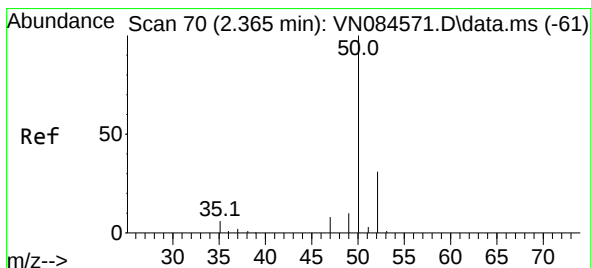
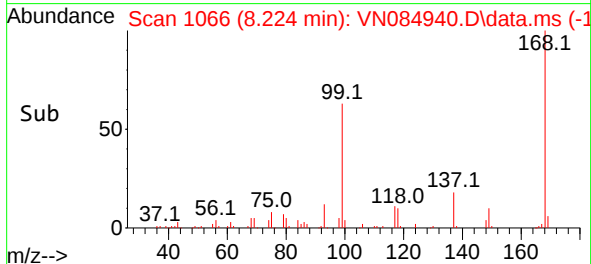
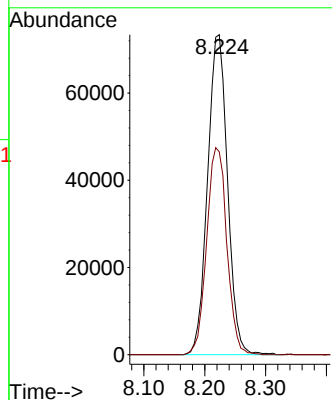
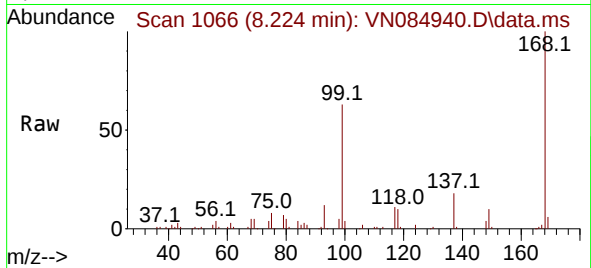




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

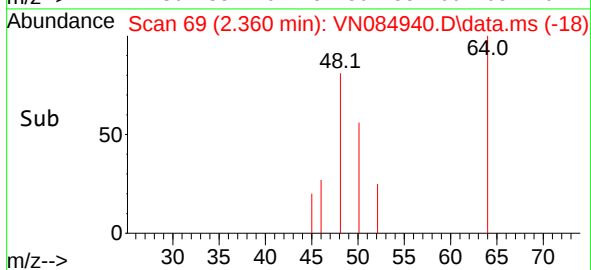
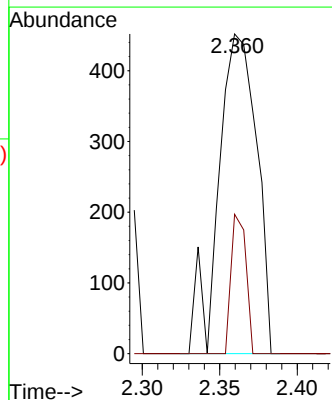
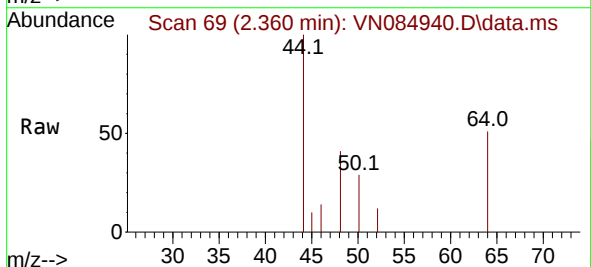
Instrument :
MSVOA_N
ClientSampleId :
MW-1

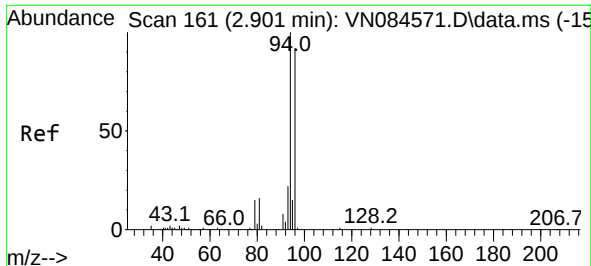
Tgt Ion:168 Resp: 166987
Ion Ratio Lower Upper
168 100
99 63.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 50 Resp: 777
Ion Ratio Lower Upper
50 100
52 43.6 26.8 40.2#

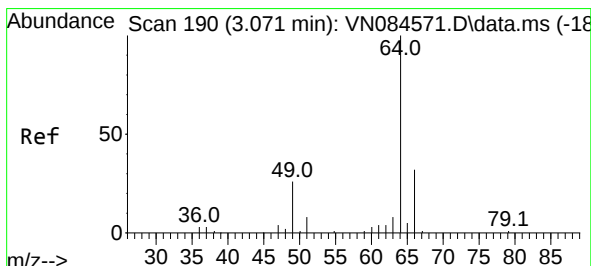
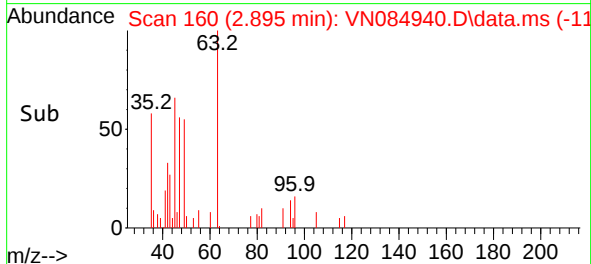
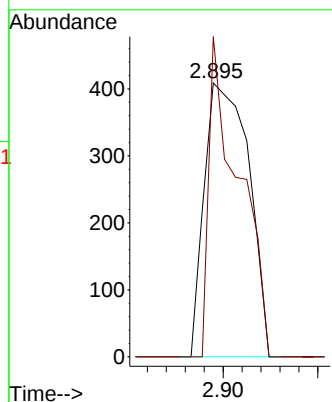
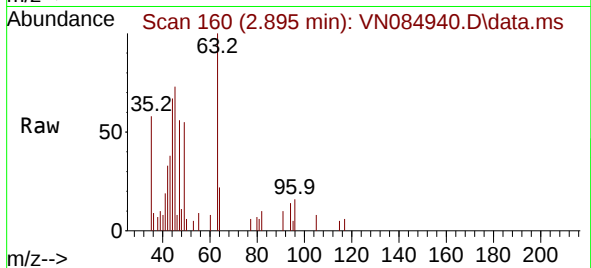




#5
Bromomethane
Concen: 0.608 ug/l
RT: 2.895 min Scan# 11
Delta R.T. -0.058 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

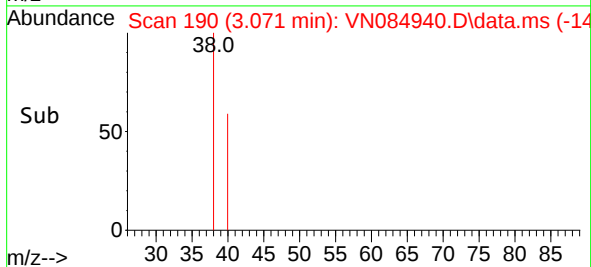
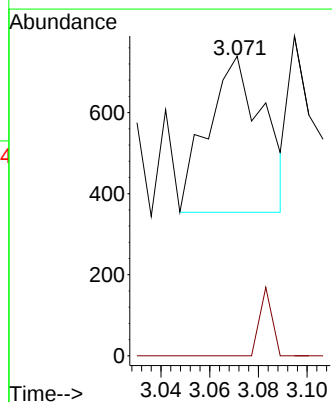
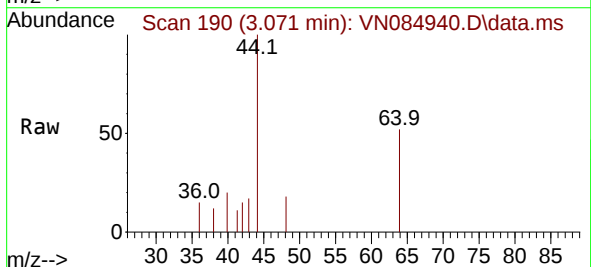
Instrument :
MSVOA_N
ClientSampleId :
MW-1

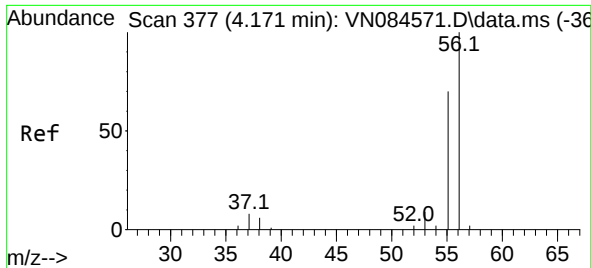
Tgt Ion: 94 Resp: 665
Ion Ratio Lower Upper
94 100
96 116.9 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.071 min Scan# 190
Delta R.T. -0.047 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 64 Resp: 609
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#





#13

Acrolein

Concen: 0.476 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

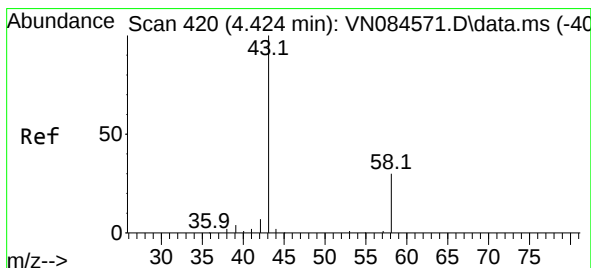
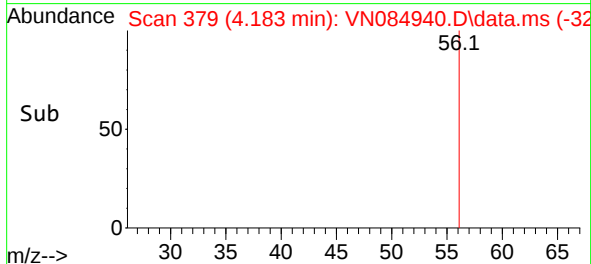
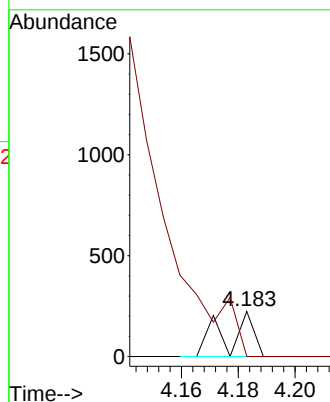
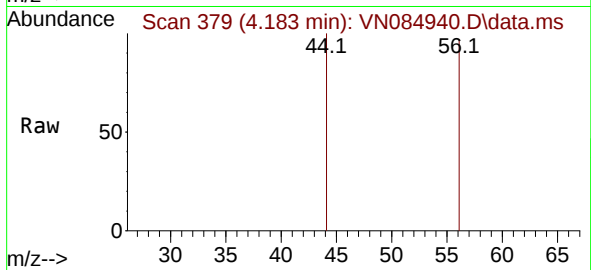
MW-1

Tgt Ion: 56 Resp: 151

Ion Ratio Lower Upper

56 100

55 0.0 57.2 85.8#



#16

Acetone

Concen: 0.929 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.000 min

Lab File: VN084940.D

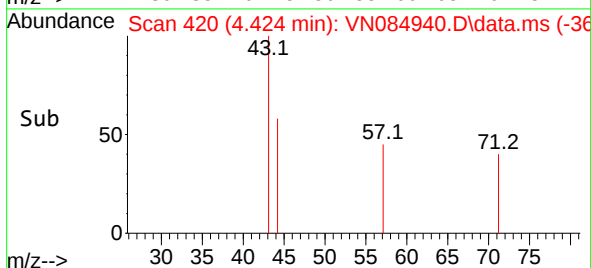
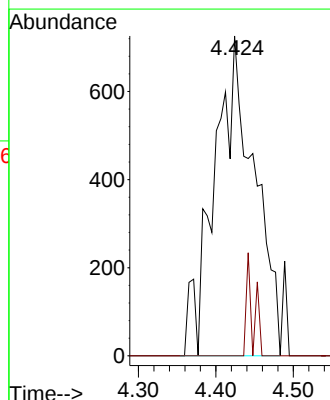
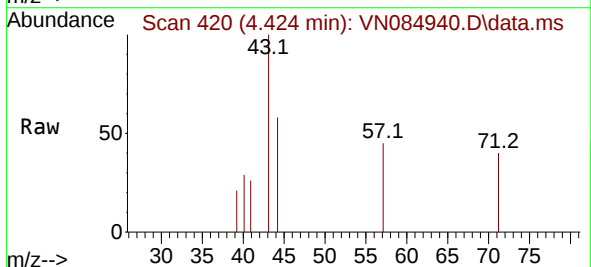
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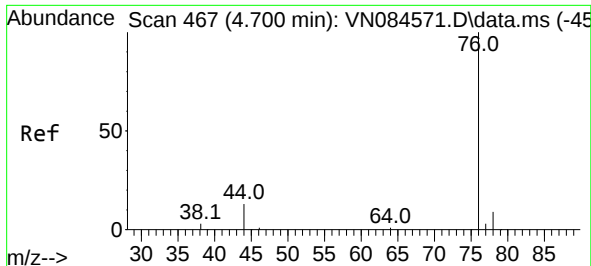
Tgt Ion: 43 Resp: 2627

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#

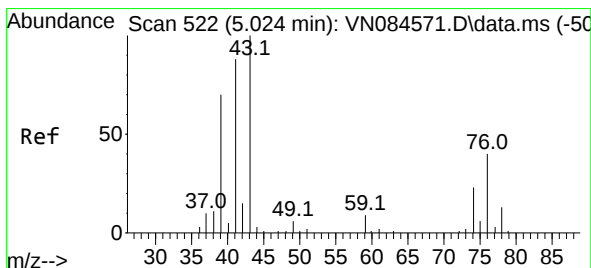
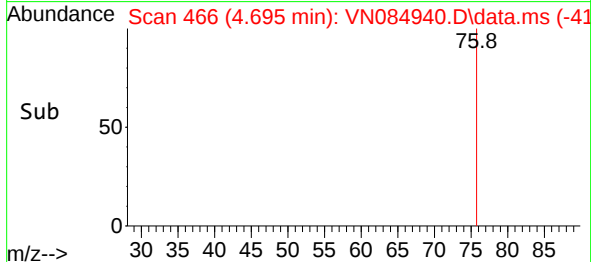
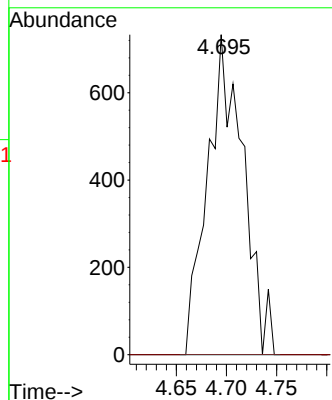
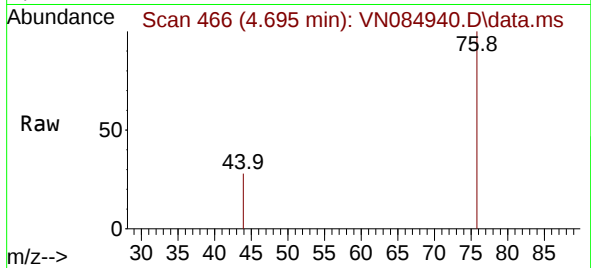




#17
Carbon Disulfide
Concen: 0.309 ug/l
RT: 4.695 min Scan# 41
Delta R.T. -0.017 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

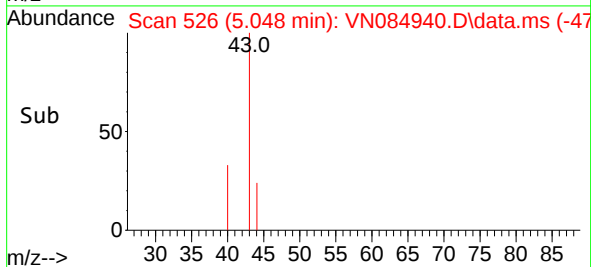
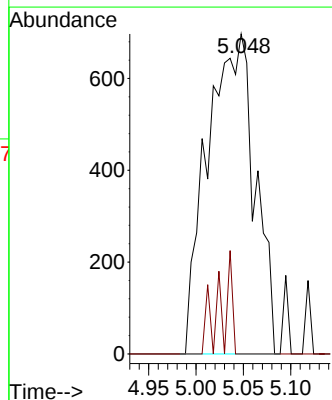
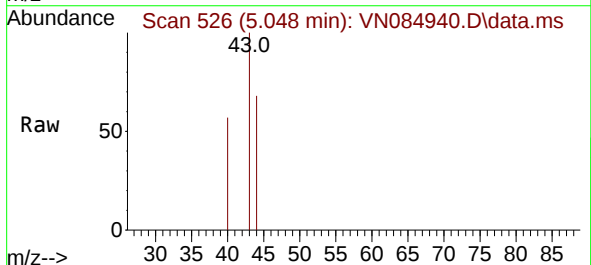
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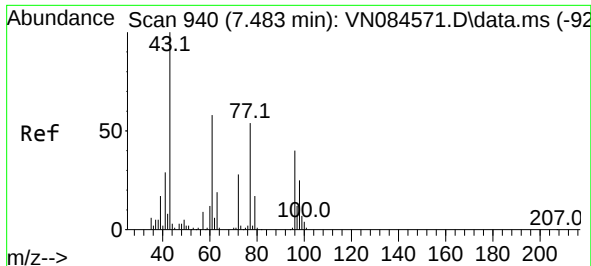
Tgt Ion: 76 Resp: 1812
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.048 min Scan# 526
Delta R.T. 0.030 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 43 Resp: 2425
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#

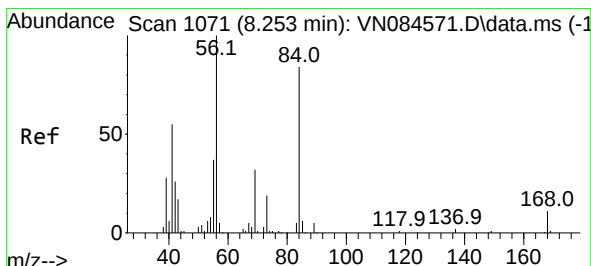
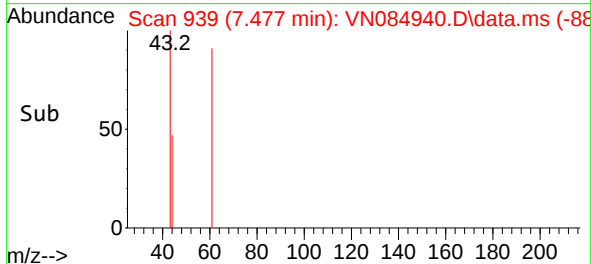
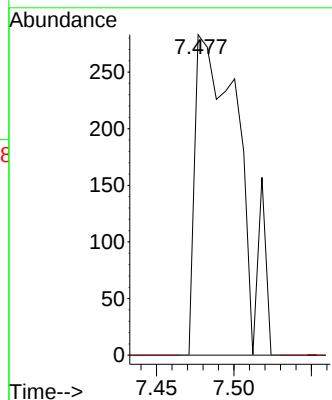
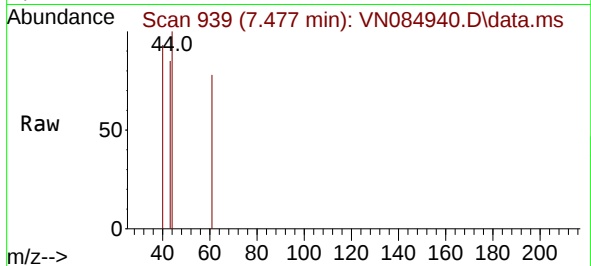




#25
2-Butanone
Concen: 0.500 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

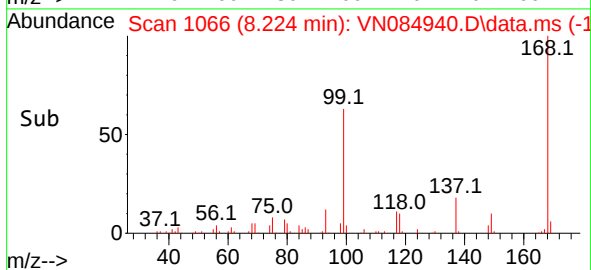
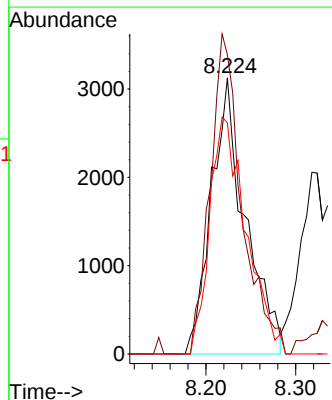
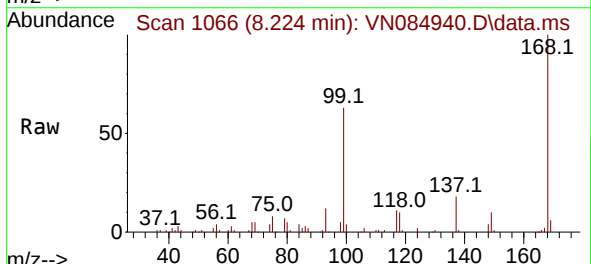
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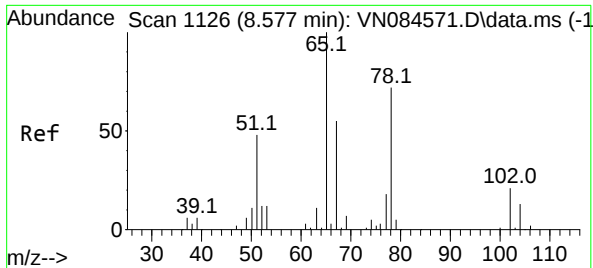
Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 2.470 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 56 Resp: 8226
Ion Ratio Lower Upper
56 100
69 108.2 23.8 35.6#
84 83.7 68.8 103.2

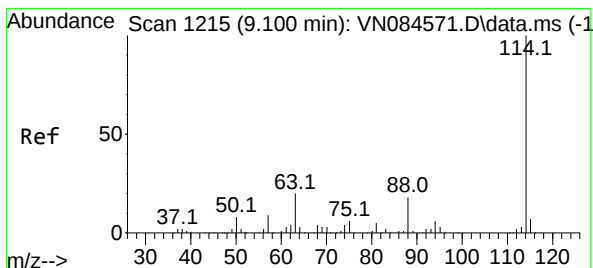
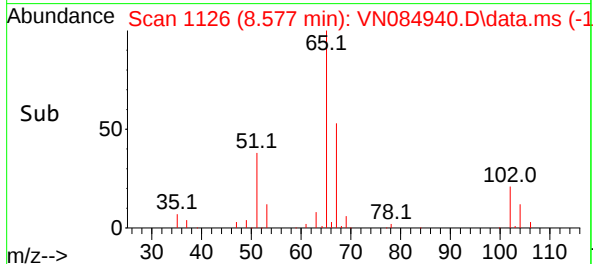
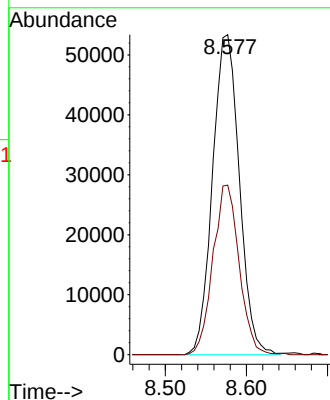
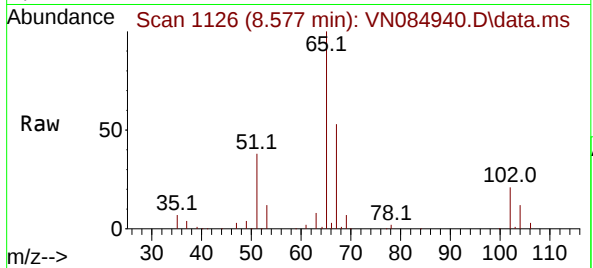




#33
 1,2-Dichloroethane-d4
 Concen: 50.749 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
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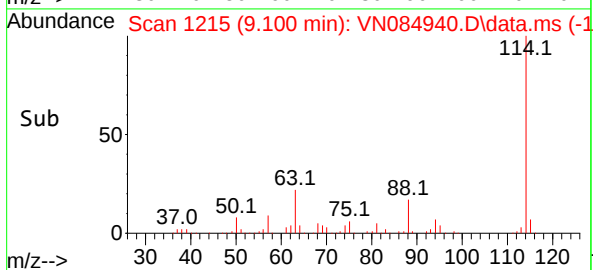
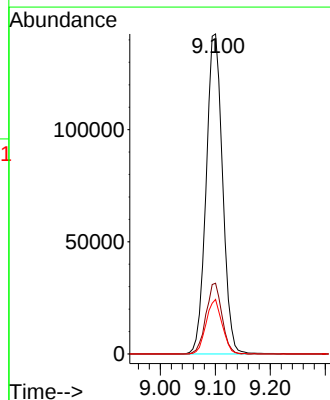
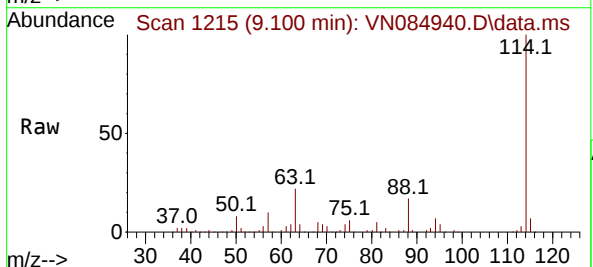
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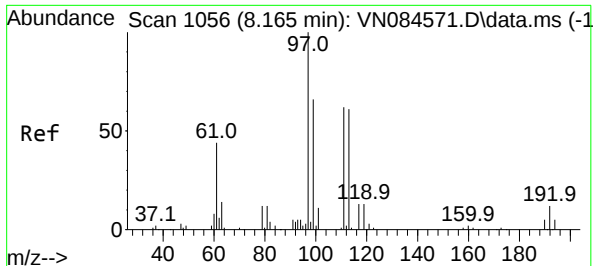
Tgt Ion: 65 Resp: 122400
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084940.D
 Acq: 19 Nov 2024 12:28

Tgt Ion: 114 Resp: 296234
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.8
 88 17.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.485 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

MW-1

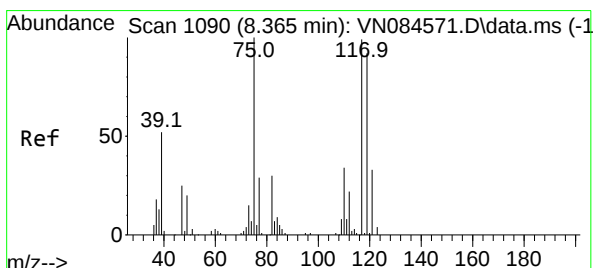
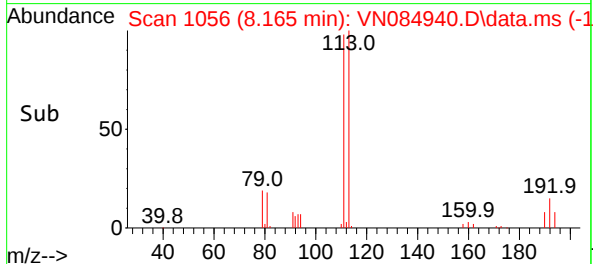
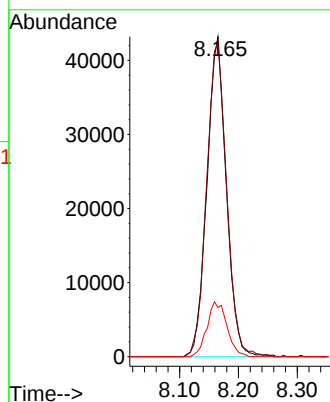
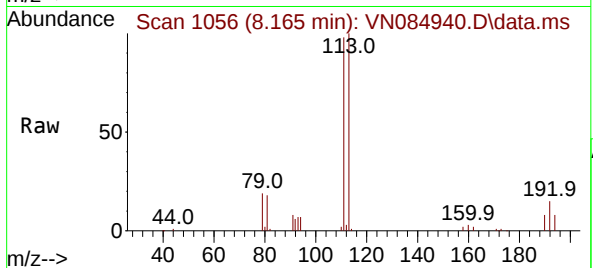
Tgt Ion:113 Resp: 99224

Ion Ratio Lower Upper

113 100

111 101.2 83.3 124.9

192 17.7 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.224 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.159 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

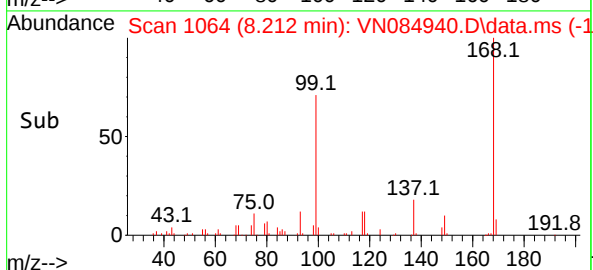
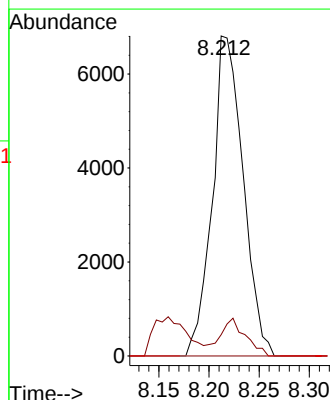
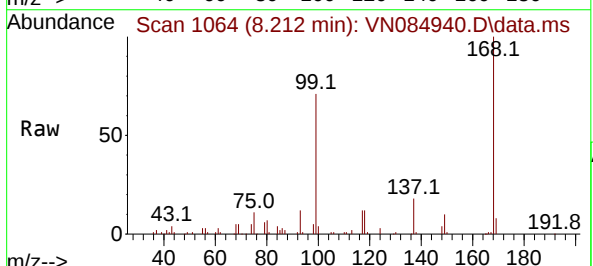
Tgt Ion: 75 Resp: 14527

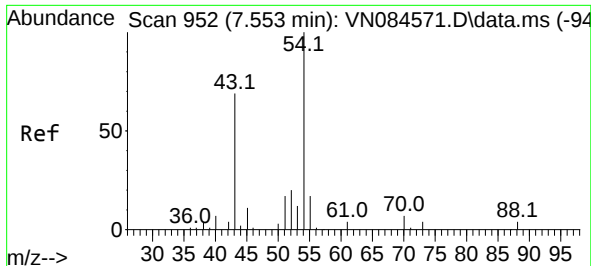
Ion Ratio Lower Upper

75 100

110 9.9 16.9 50.7#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.223 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.082 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

MW-1

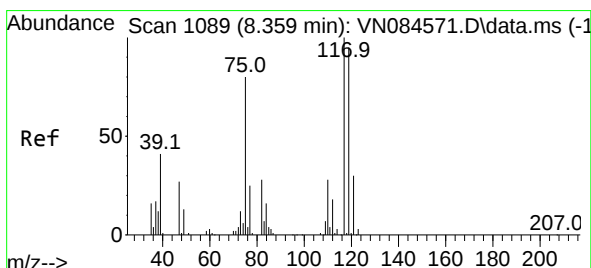
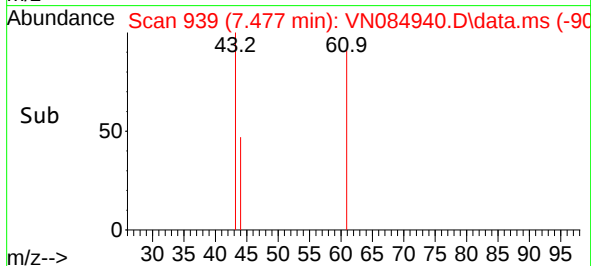
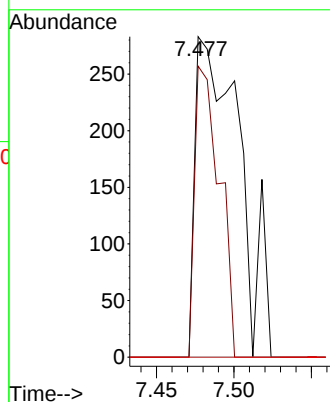
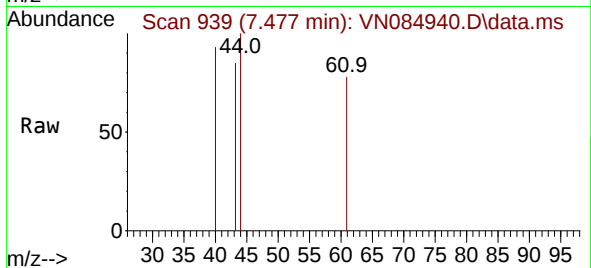
Tgt Ion: 43 Resp: 563

Ion Ratio Lower Upper

43 100

61 50.8 10.7 16.1#

70 0.0 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.858 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

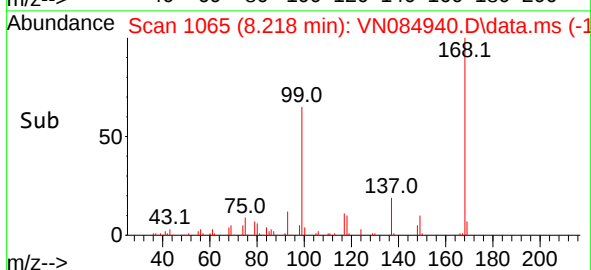
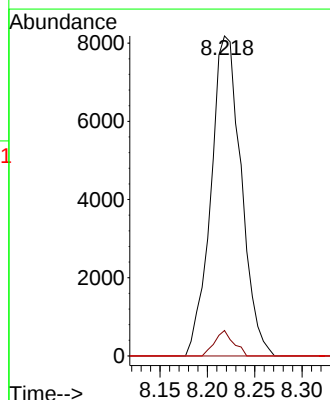
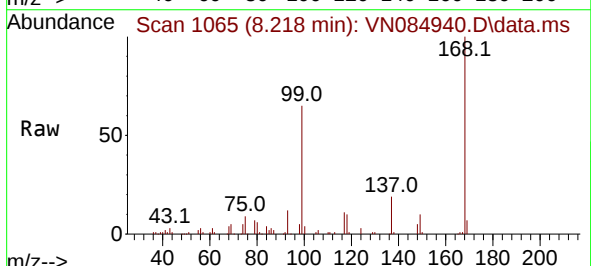
Tgt Ion: 117 Resp: 18209

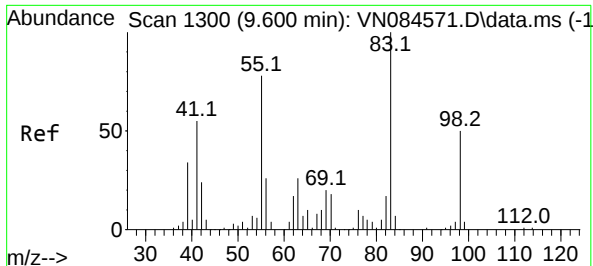
Ion Ratio Lower Upper

117 100

119 7.9 78.7 118.1#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 2.471 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

MW-1

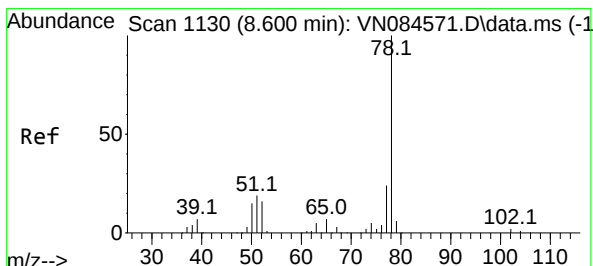
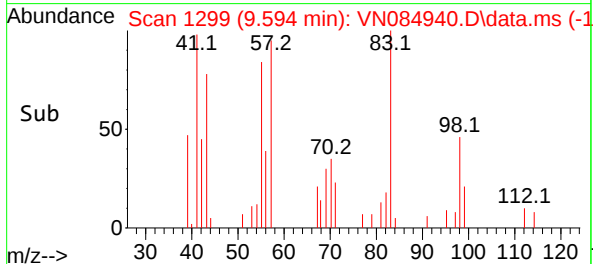
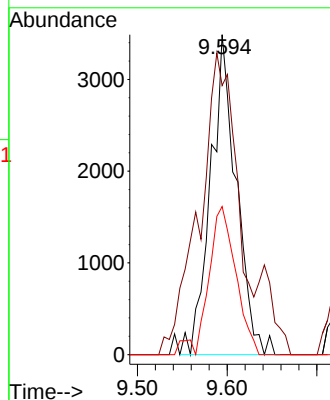
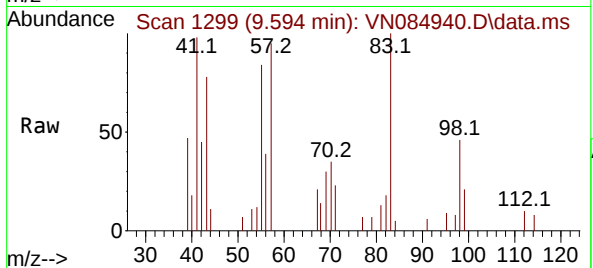
Tgt Ion: 83 Resp: 6990

Ion Ratio Lower Upper

83 100

55 75.9 62.8 94.2

98 46.3 38.8 58.2



#40

Benzene

Concen: 1.009 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN084940.D

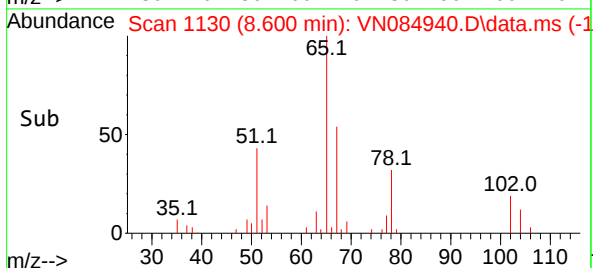
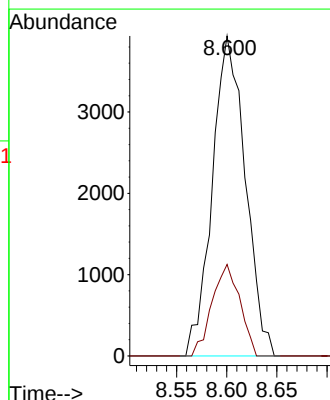
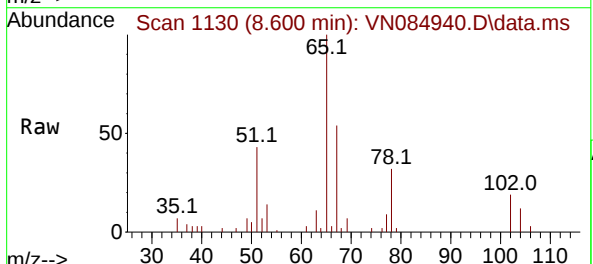
Acq: 19 Nov 2024 12:28

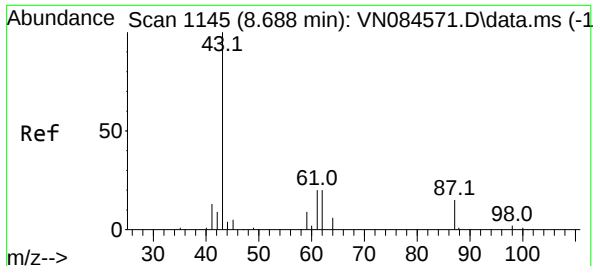
Tgt Ion: 78 Resp: 9015

Ion Ratio Lower Upper

78 100

77 28.6 19.1 28.7





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.647 min Scan# 1145

Delta R.T. -0.041 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

MW-1

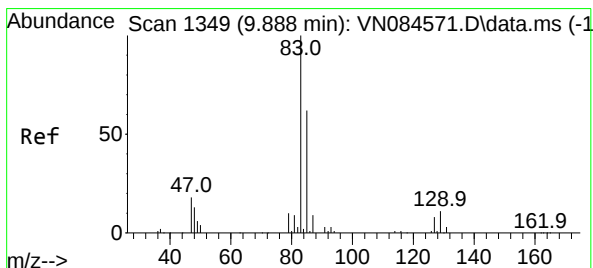
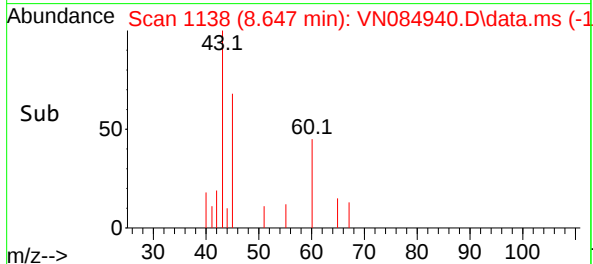
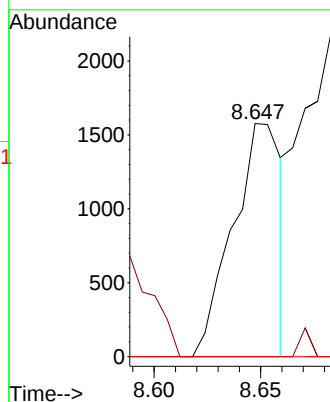
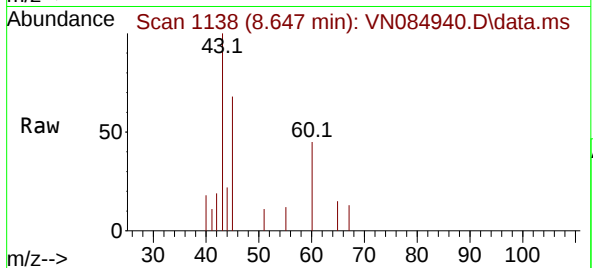
Tgt Ion: 43 Resp: 2490

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#47

Bromodichloromethane

Concen: 1.107 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. -0.017 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

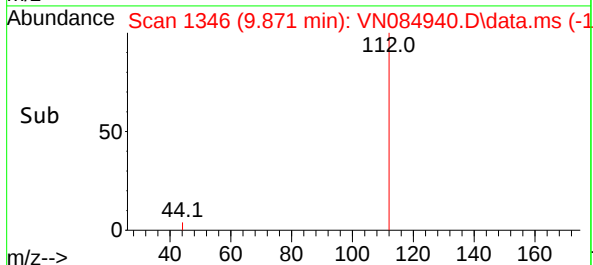
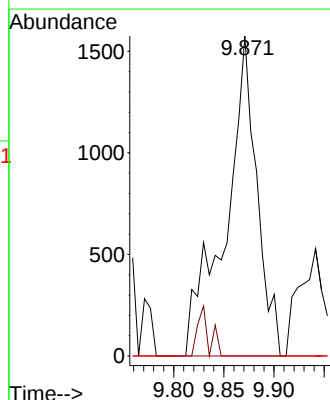
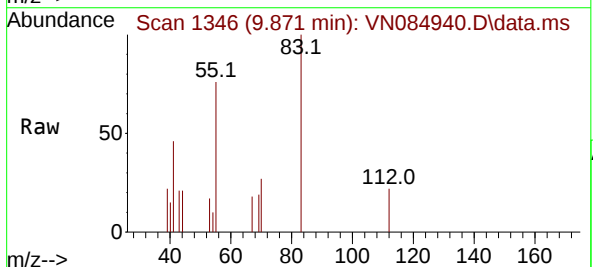
Tgt Ion: 83 Resp: 3449

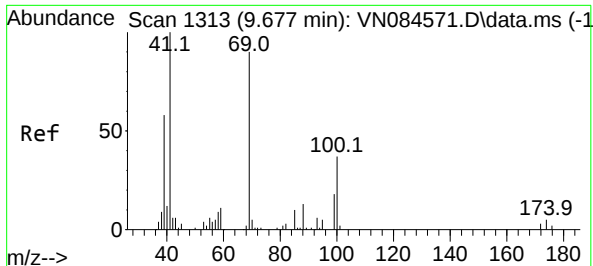
Ion Ratio Lower Upper

83 100

85 0.0 51.5 77.3#

127 0.0 5.7 8.5#





#48

Methyl methacrylate

Concen: 2.017 ug/l

RT: 9.641 min Scan# 1307

Delta R.T. -0.035 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

MW-1

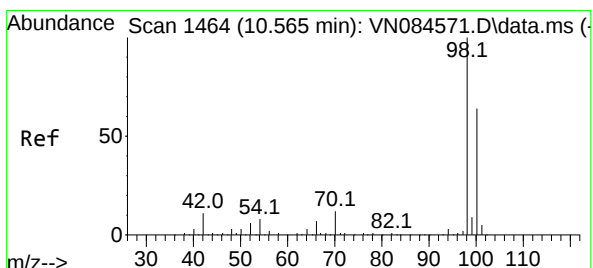
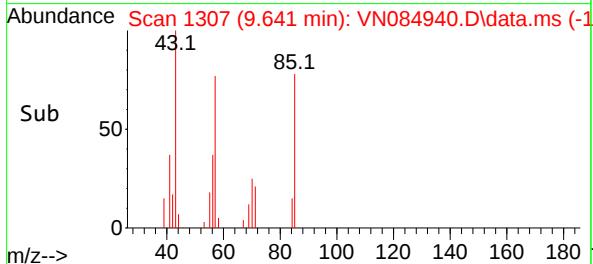
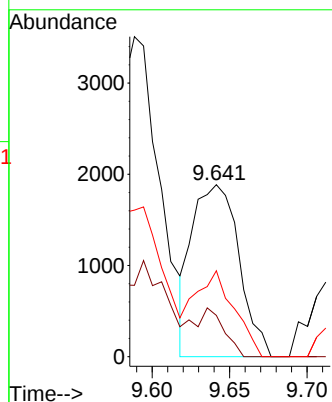
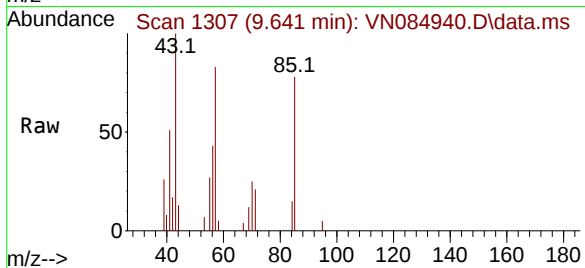
Tgt Ion: 41 Resp: 3960

Ion Ratio Lower Upper

41 100

69 12.4 67.1 100.7#

39 42.8 45.8 68.6#



#50

Toluene-d8

Concen: 48.593 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084940.D

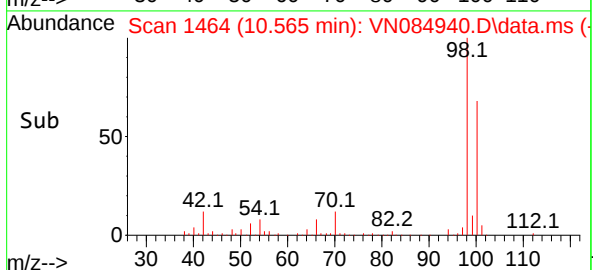
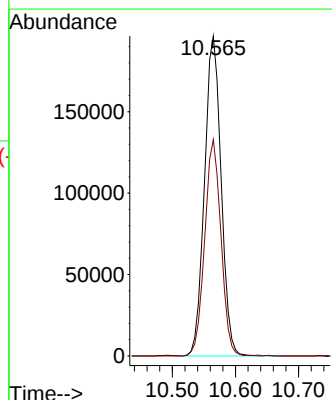
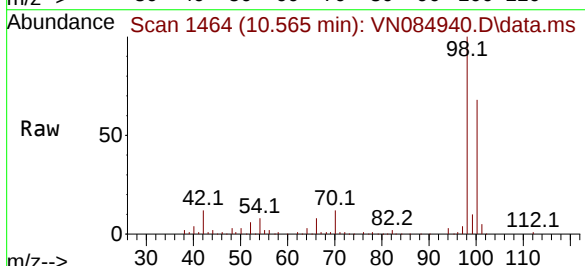
Acq: 19 Nov 2024 12:28

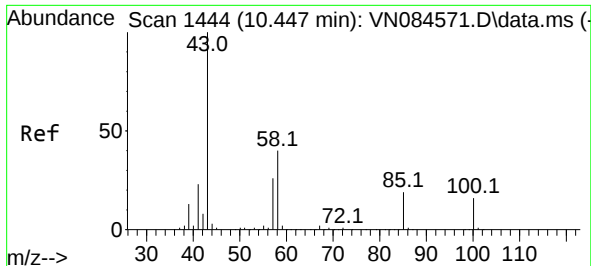
Tgt Ion: 98 Resp: 358924

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1

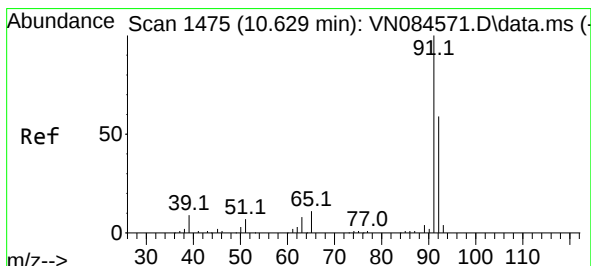
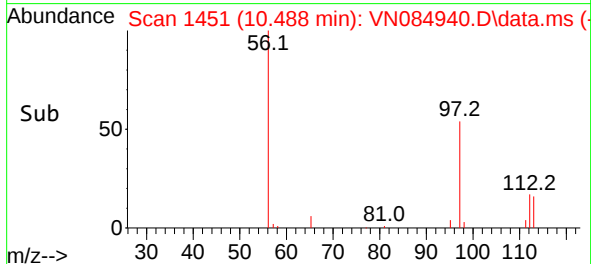
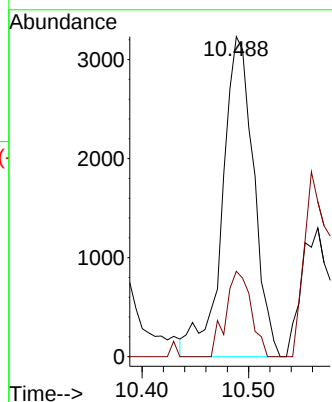
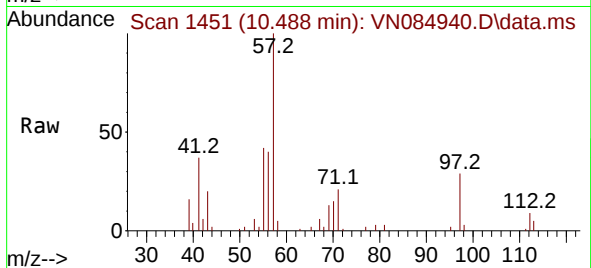




#51
4-Methyl-2-Pentanone
Concen: 2.736 ug/l
RT: 10.488 min Scan# 1444
Delta R.T. 0.047 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

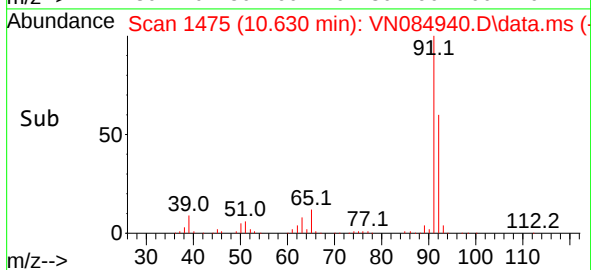
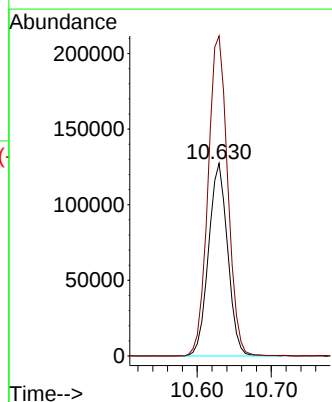
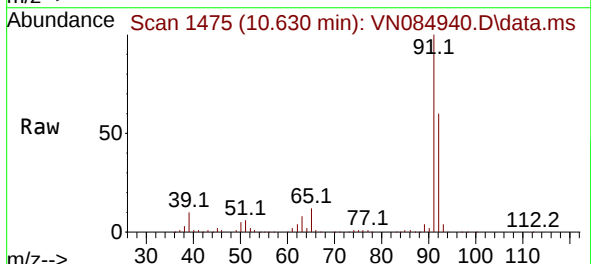
Instrument :
MSVOA_N
ClientSampleId :
MW-1

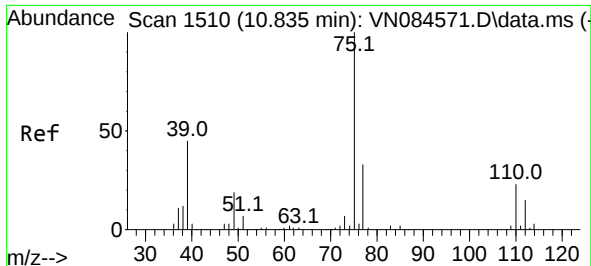
Tgt Ion: 43 Resp: 6580
Ion Ratio Lower Upper
43 100
58 21.6 31.6 47.4#



#52
Toluene
Concen: 43.685 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 92 Resp: 228175
Ion Ratio Lower Upper
92 100
91 171.1 137.3 205.9

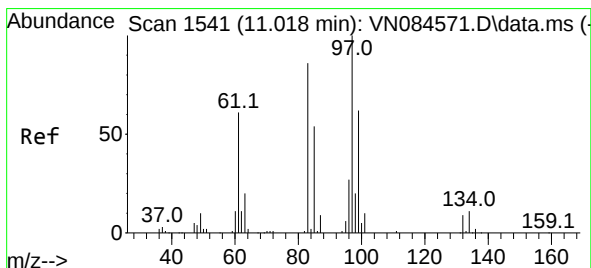
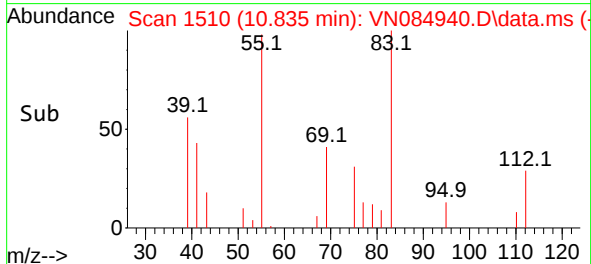
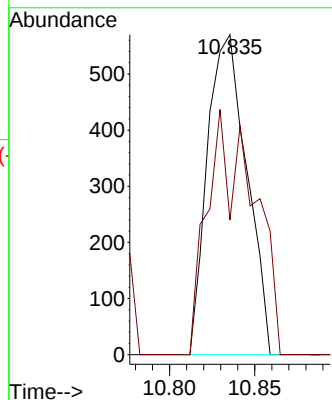
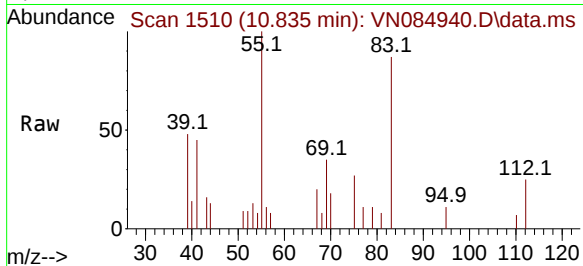




#53
t-1,3-Dichloropropene
Concen: 0.284 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

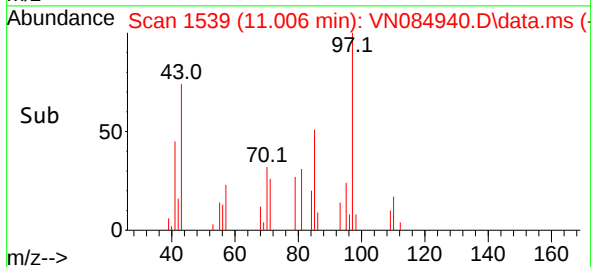
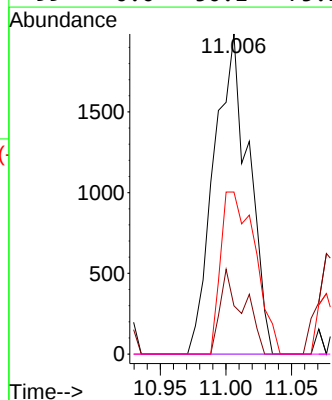
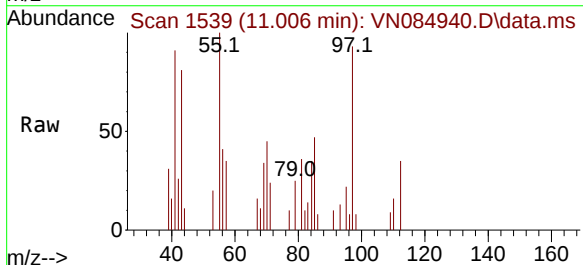
Instrument :
MSVOA_N
ClientSampleId :
MW-1

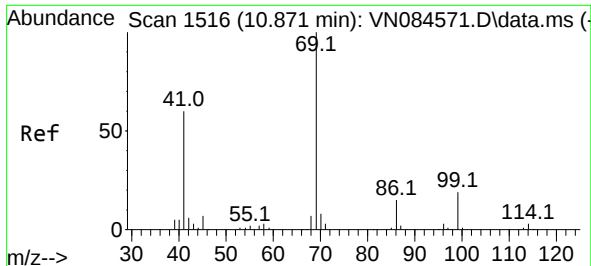
Tgt Ion: 75 Resp: 916
Ion Ratio Lower Upper
75 100
77 42.1 25.4 38.0#



#55
1,1,2-Trichloroethane
Concen: 1.851 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 97 Resp: 3642
Ion Ratio Lower Upper
97 100
83 15.1 71.0 106.4#
85 50.6 41.7 62.5
99 0.0 50.1 75.1#

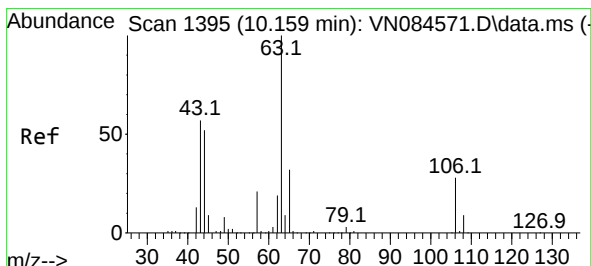
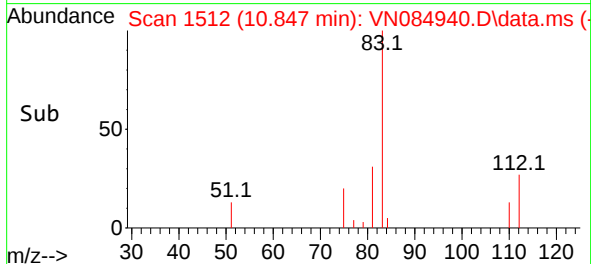
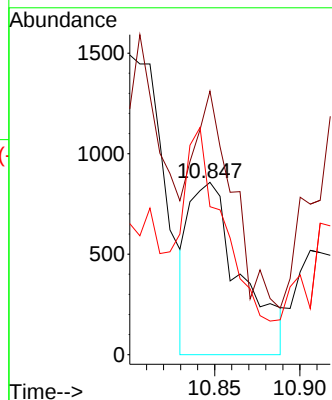
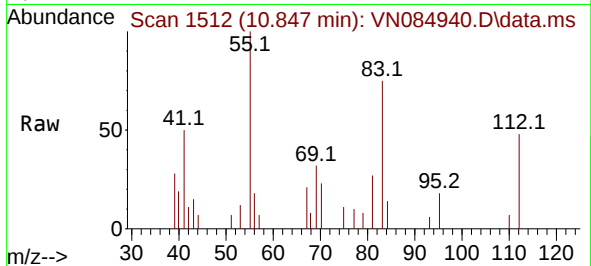




#56
Ethyl methacrylate
Concen: 0.629 ug/l
RT: 10.847 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

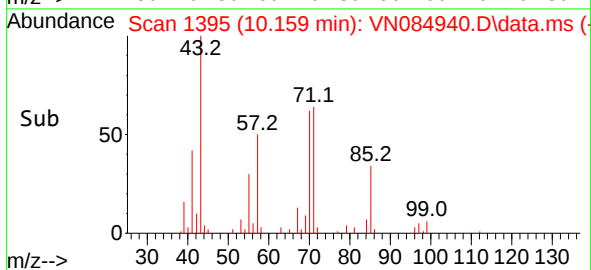
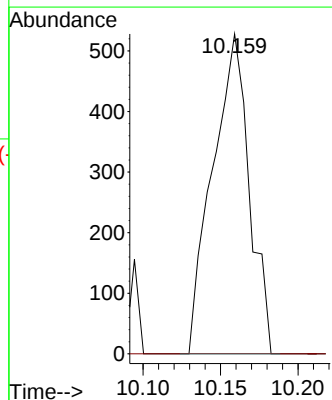
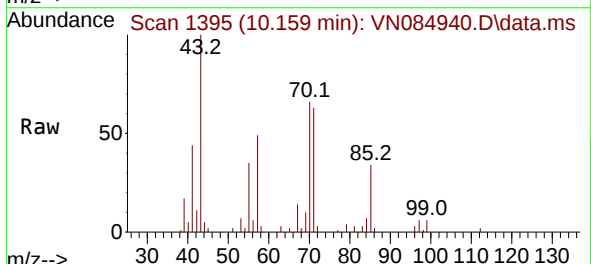
Instrument :
MSVOA_N
ClientSampleId :
MW-1

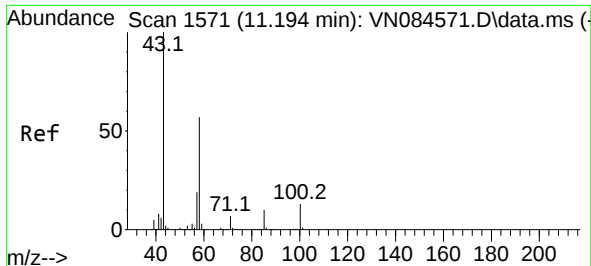
Tgt Ion: 69 Resp: 1790
Ion Ratio Lower Upper
69 100
41 97.5 53.3 79.9#
39 88.8 28.8 43.2#



#58
2-Chloroethyl Vinyl ether
Concen: 0.652 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 63 Resp: 868
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#

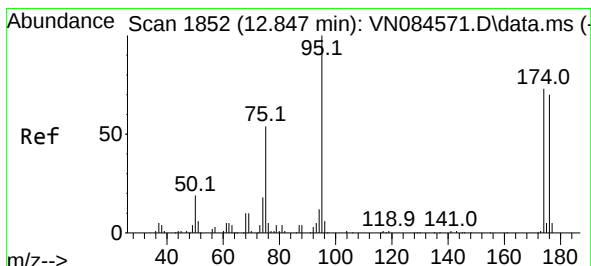
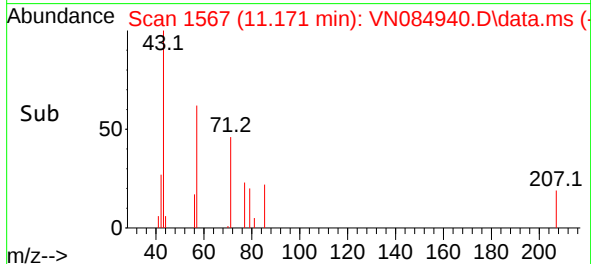
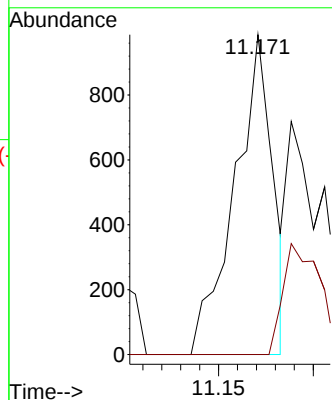
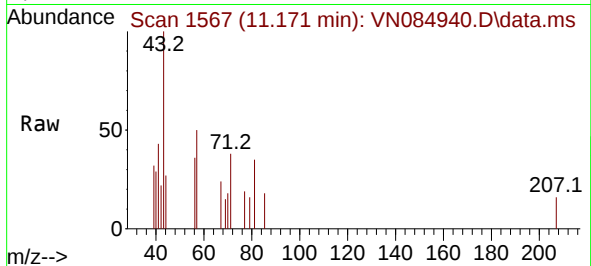




#59
2-Hexanone
Concen: 0.785 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.023 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

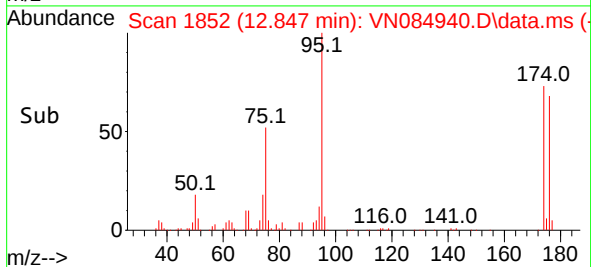
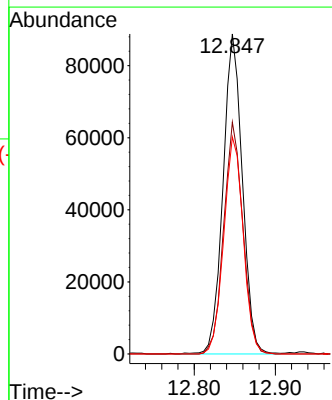
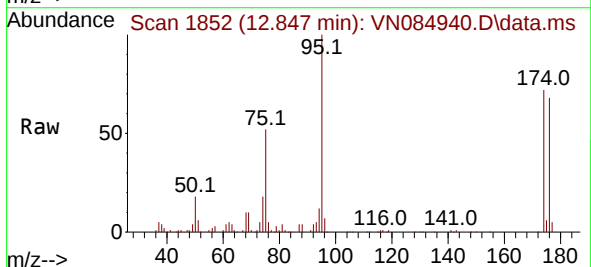
Instrument :
MSVOA_N
ClientSampleId :
MW-1

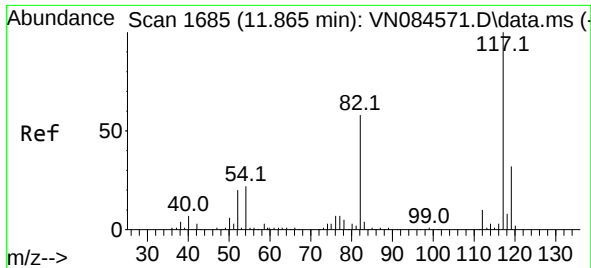
Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
58 32.5 27.3 81.8



#62
4-Bromofluorobenzene
Concen: 53.255 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 95 Resp: 147010
Ion Ratio Lower Upper
95 100
174 71.7 0.0 145.2
176 68.2 0.0 140.0

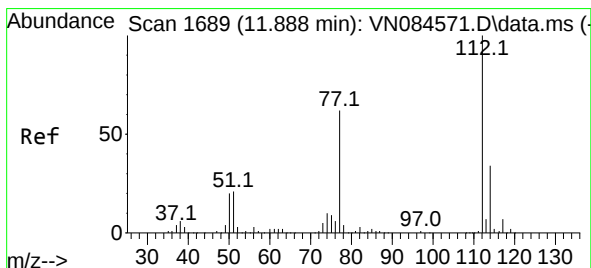
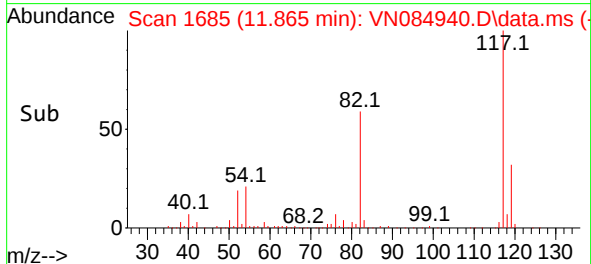
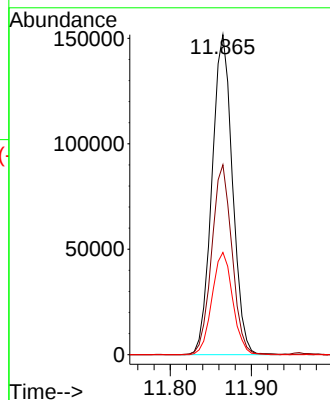
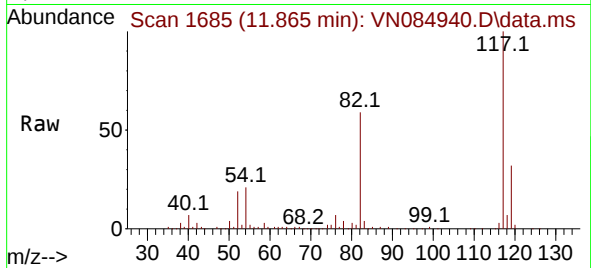




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

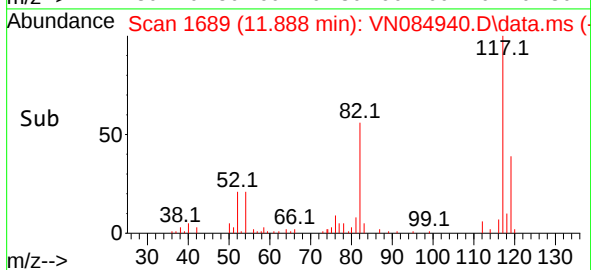
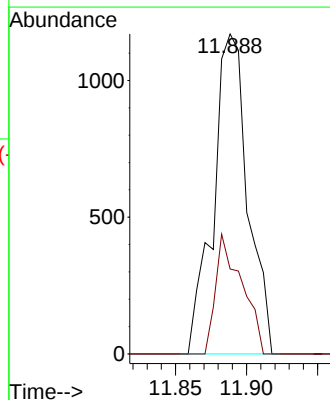
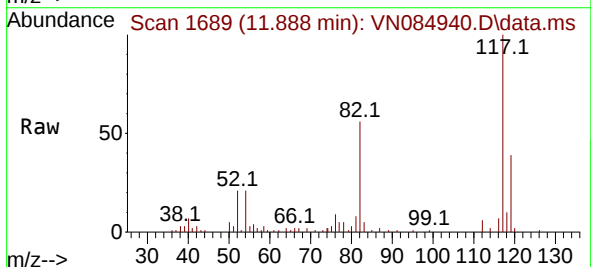
Instrument :
MSVOA_N
ClientSampleId :
MW-1

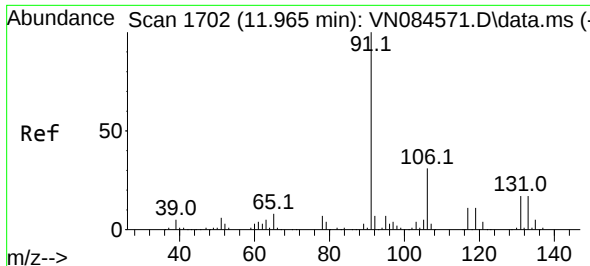
Tgt Ion:117 Resp: 266411
Ion Ratio Lower Upper
117 100
82 59.4 47.2 70.8
119 32.0 25.4 38.0



#65
Chlorobenzene
Concen: 0.331 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion:112 Resp: 1974
Ion Ratio Lower Upper
112 100
114 26.6 27.0 40.6#

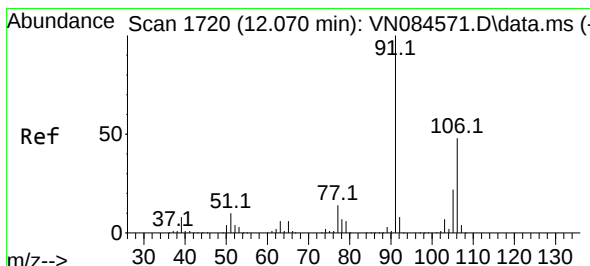
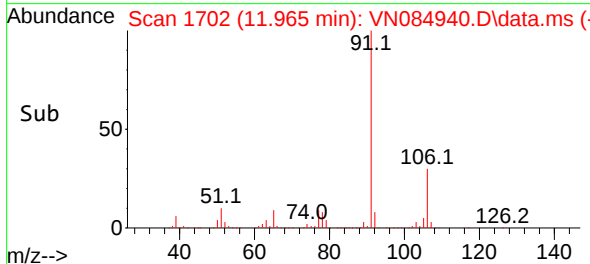
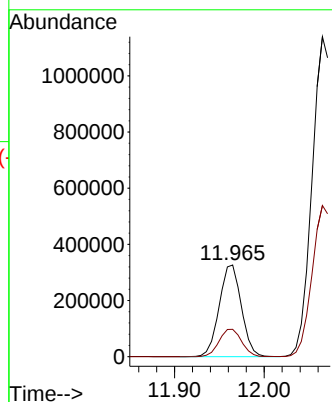
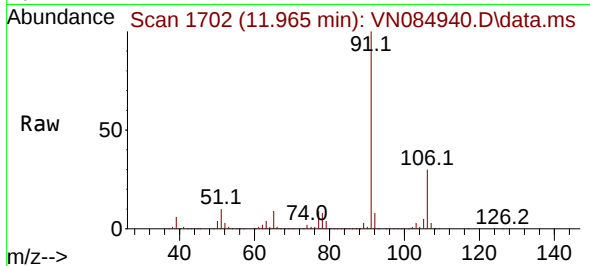




#67
Ethyl Benzene
Concen: 56.271 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

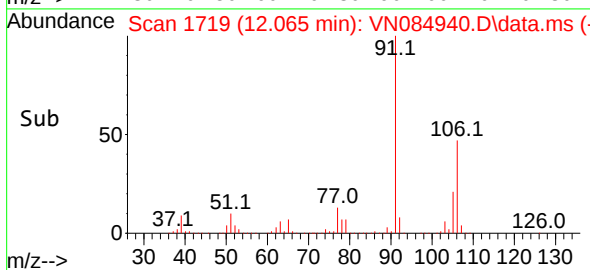
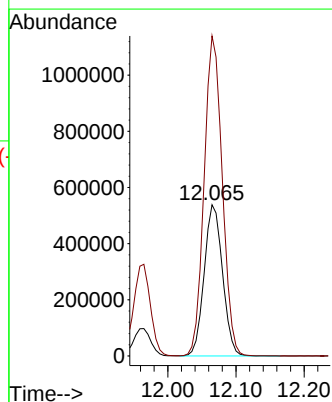
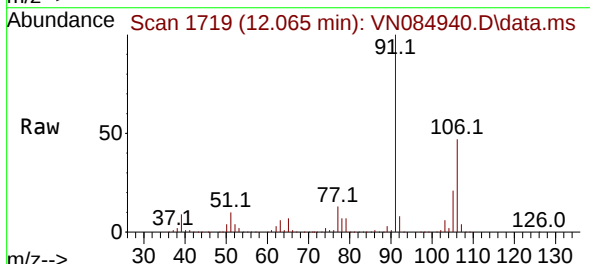
Instrument :
MSVOA_N
ClientSampleId :
MW-1

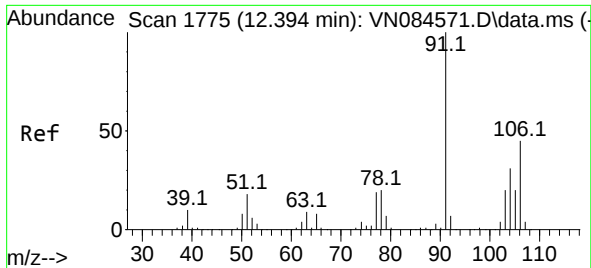
Tgt Ion: 91 Resp: 559825
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7



#68
m/p-Xylenes
Concen: 267.613 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion:106 Resp: 1007951
Ion Ratio Lower Upper
106 100
91 209.3 167.1 250.7

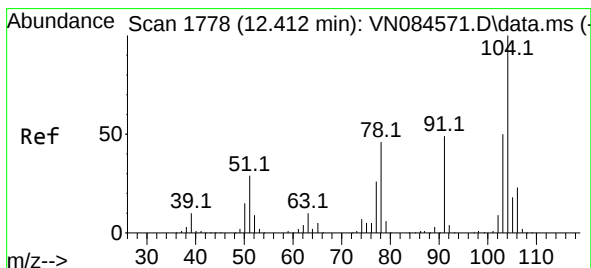
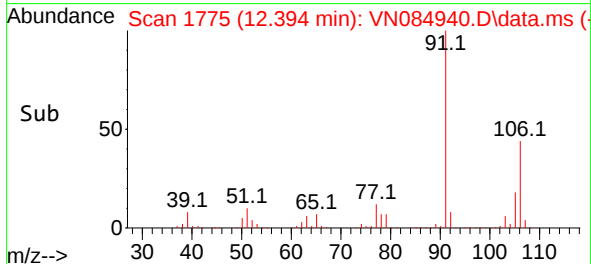
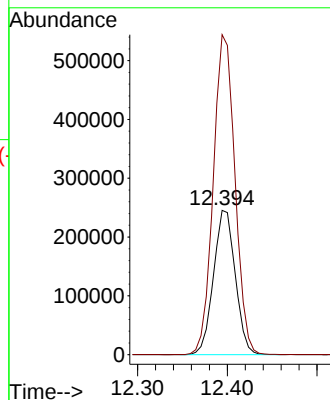
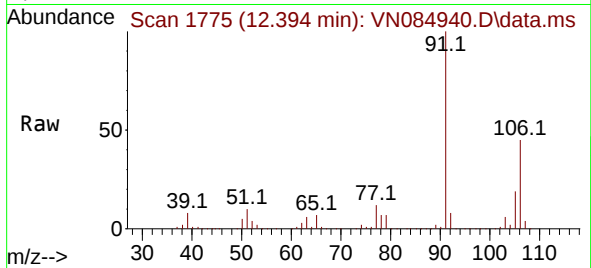




#69
o-Xylene
Concen: 117.364 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

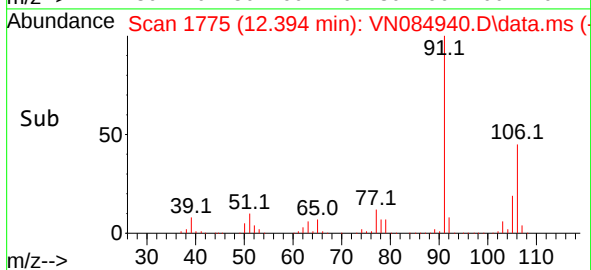
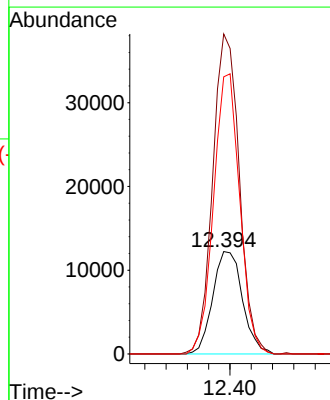
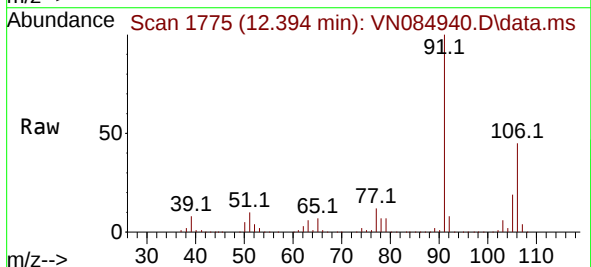
Instrument :
MSVOA_N
ClientSampleId :
MW-1

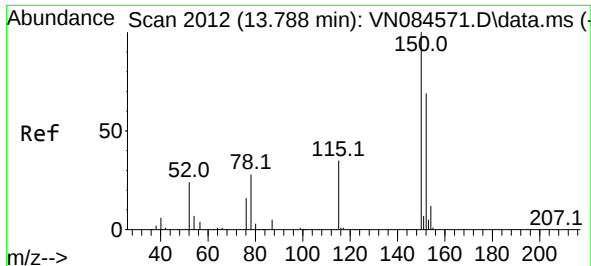
Tgt Ion:106 Resp: 413522
Ion Ratio Lower Upper
106 100
91 221.5 110.2 330.6



#70
Styrene
Concen: 3.850 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.018 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion:104 Resp: 23665
Ion Ratio Lower Upper
104 100
78 279.1 42.7 64.1#
103 241.0 43.6 65.4#

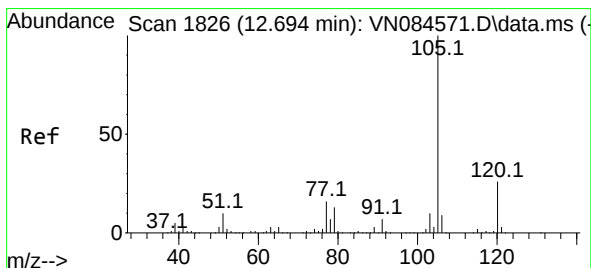
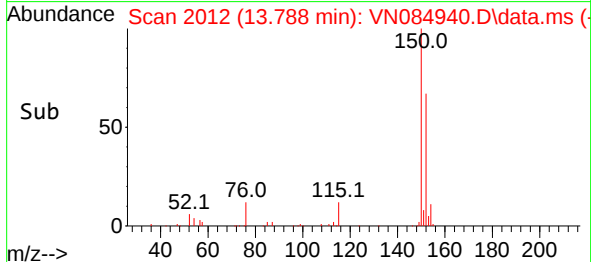
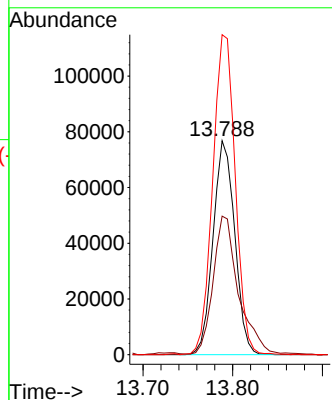
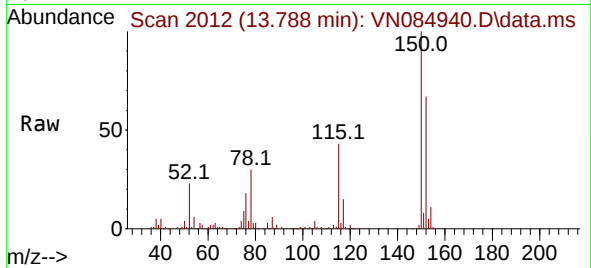




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

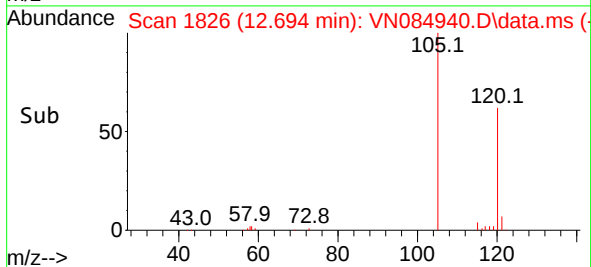
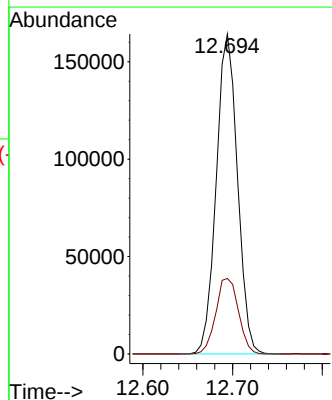
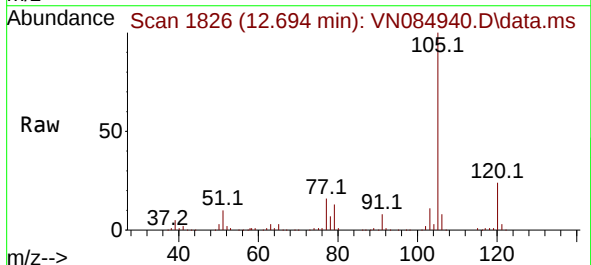
Instrument :
MSVOA_N
ClientSampleId :
MW-1

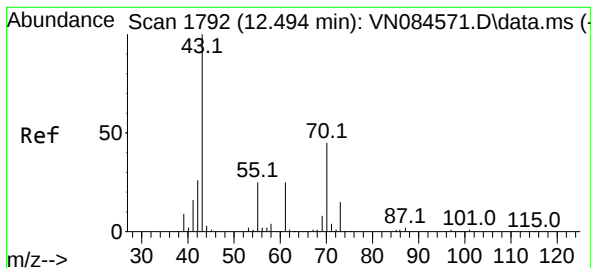
Tgt Ion:152 Resp: 128813
Ion Ratio Lower Upper
152 100
115 76.8 31.3 93.9
150 155.4 0.0 349.8



#73
Isopropylbenzene
Concen: 29.854 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion:105 Resp: 269485
Ion Ratio Lower Upper
105 100
120 25.2 12.9 38.7





#74

N-amy1 acetate

Concen: 0.378 ug/l

RT: 12.494 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

MW-1

Tgt Ion: 43 Resp: 1453

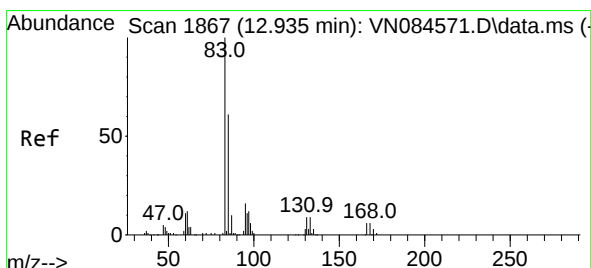
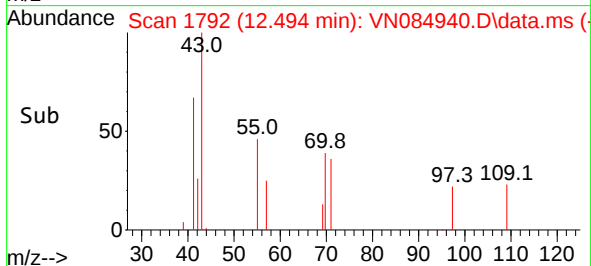
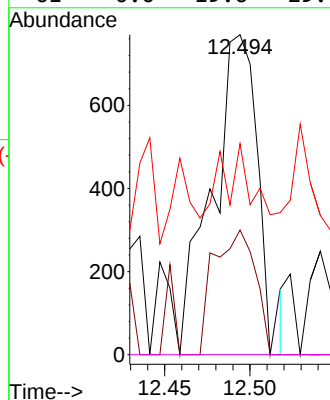
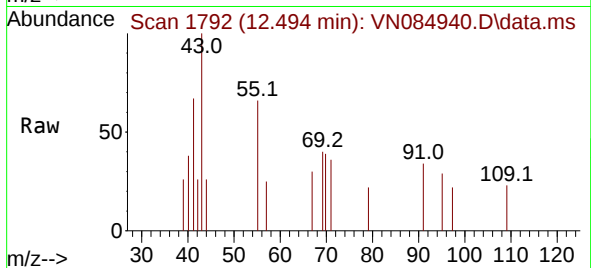
Ion Ratio Lower Upper

43 100

70 35.0 34.4 51.6

55 5.4 19.6 29.4#

61 0.0 19.6 29.4#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.253 ug/l

RT: 12.835 min Scan# 1850

Delta R.T. -0.100 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

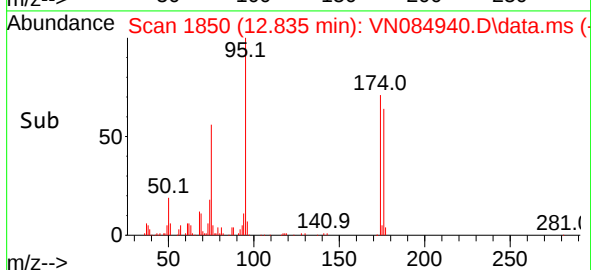
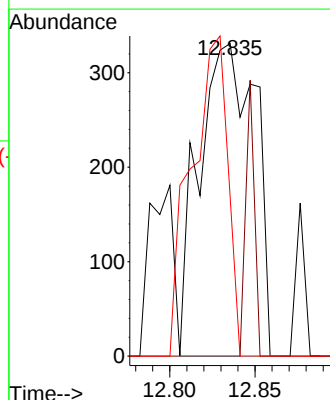
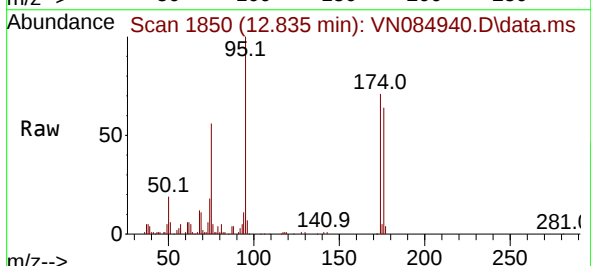
Tgt Ion: 83 Resp: 763

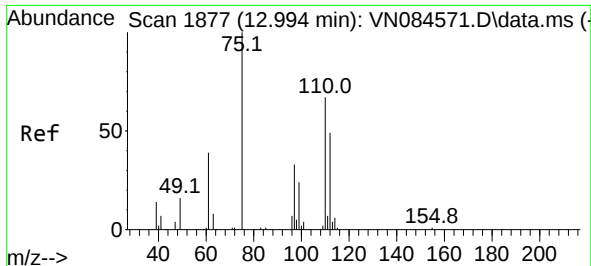
Ion Ratio Lower Upper

83 100

131 13.5 4.9 14.7

85 65.7 31.9 95.7

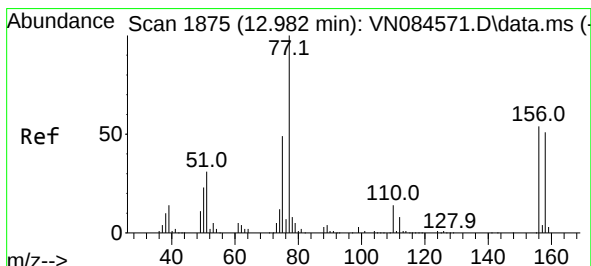
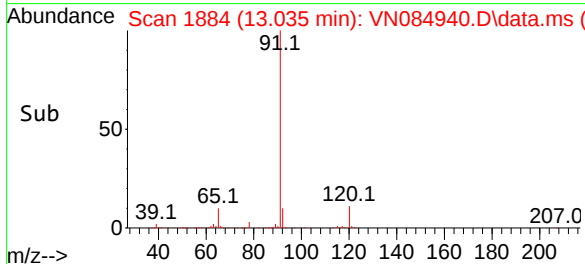
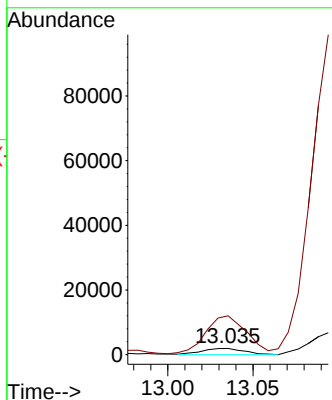
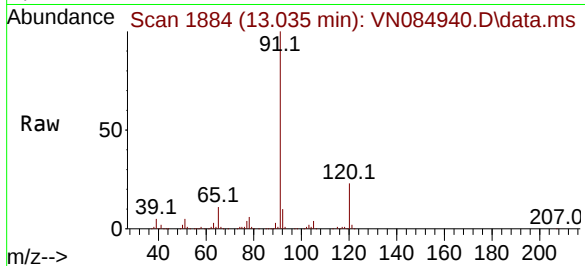




#76
1,2,3-Trichloropropane
Concen: 1.289 ug/l
RT: 13.035 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

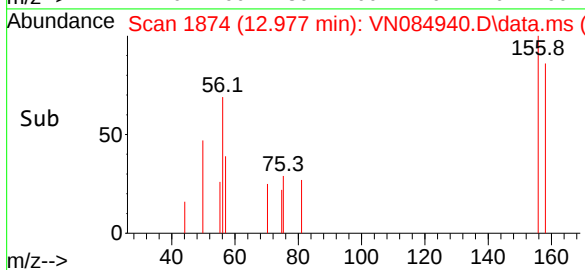
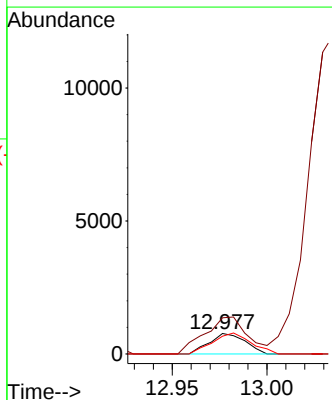
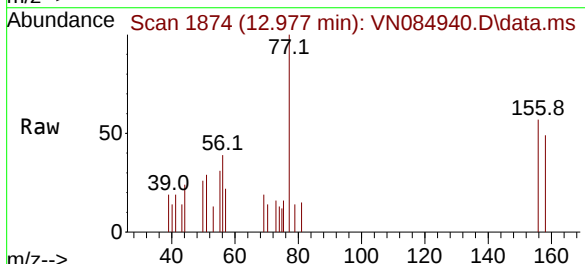
Instrument :
MSVOA_N
ClientSampleId :
MW-1

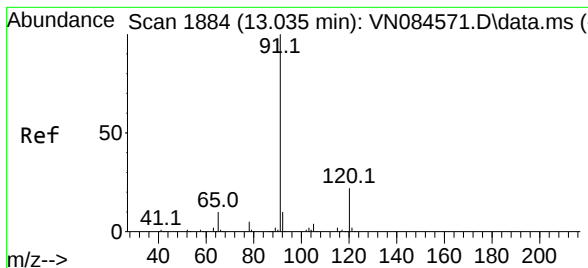
Tgt Ion: 75 Resp: 3320
Ion Ratio Lower Upper
75 100
77 578.6 96.9 290.7#



#77
Bromobenzene
Concen: 0.419 ug/l
RT: 12.977 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion:156 Resp: 1018
Ion Ratio Lower Upper
156 100
77 0.0 115.1 345.3#
158 109.1 48.9 146.8





#78

n-propylbenzene

Concen: 47.100 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

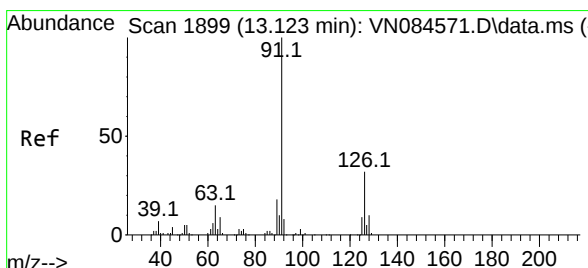
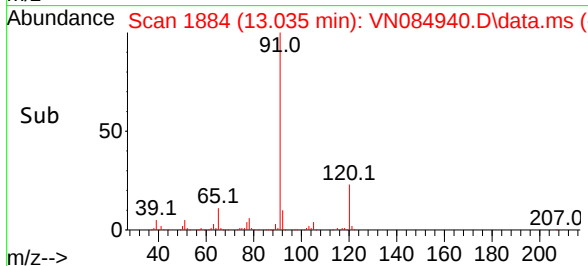
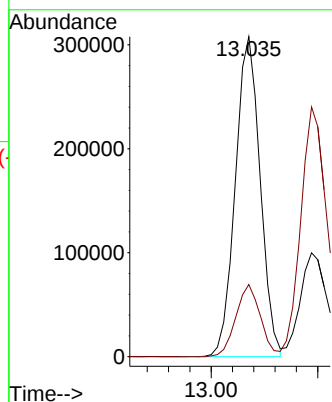
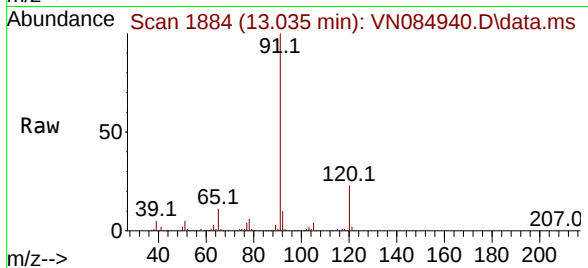
MW-1

Tgt Ion: 91 Resp: 498228

Ion Ratio Lower Upper

91 100

120 22.5 10.8 32.4



#79

2-Chlorotoluene

Concen: 21.991 ug/l

RT: 13.094 min Scan# 1894

Delta R.T. -0.029 min

Lab File: VN084940.D

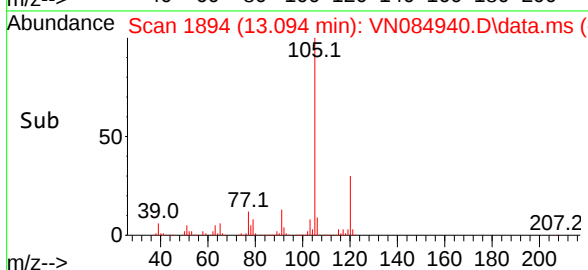
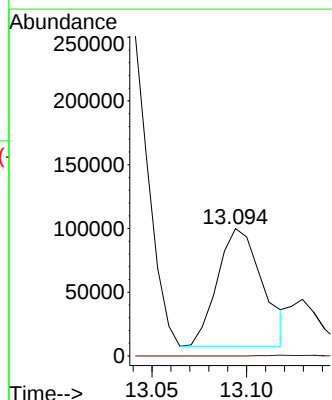
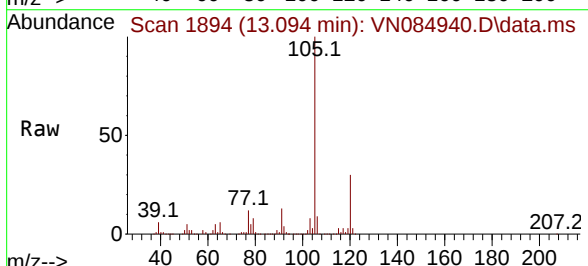
Acq: 19 Nov 2024 12:28

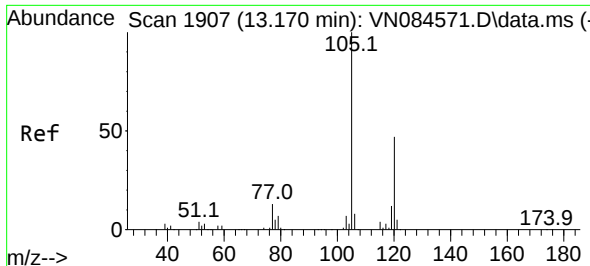
Tgt Ion: 91 Resp: 152000

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.1#

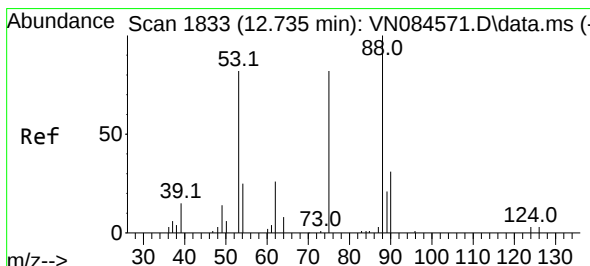
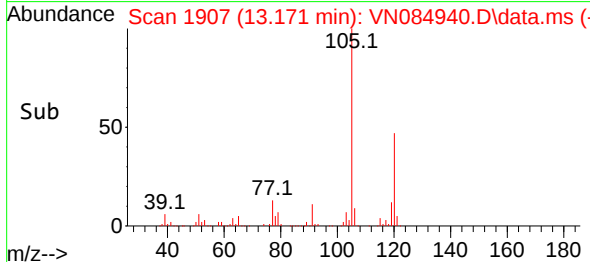
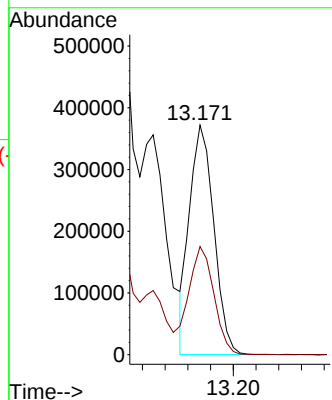
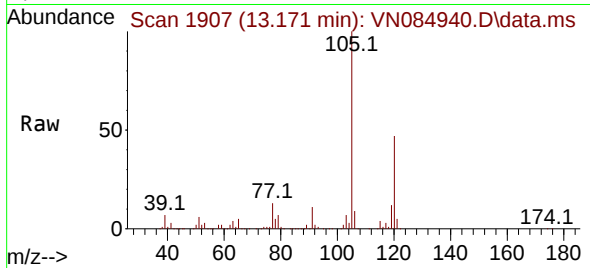




#80
 1,3,5-Trimethylbenzene
 Concen: 73.840 ug/l
 RT: 13.171 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN084940.D
 Acq: 19 Nov 2024 12:28

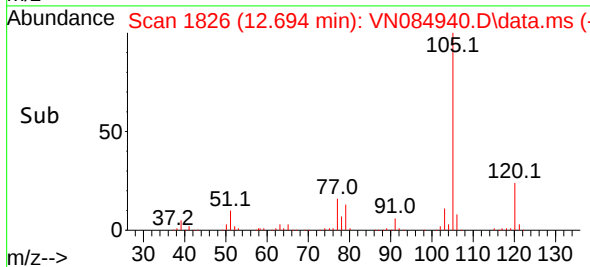
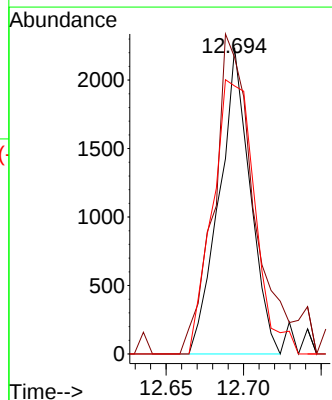
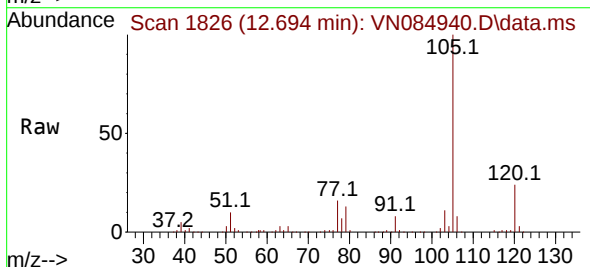
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

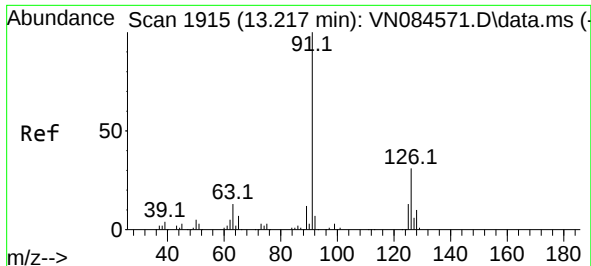
Tgt Ion:105 Resp: 552446
 Ion Ratio Lower Upper
 105 100
 120 49.7 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 2.862 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.041 min
 Lab File: VN084940.D
 Acq: 19 Nov 2024 12:28

Tgt Ion: 75 Resp: 3106
 Ion Ratio Lower Upper
 75 100
 53 143.6 78.0 117.0#
 89 122.0 35.5 53.3#

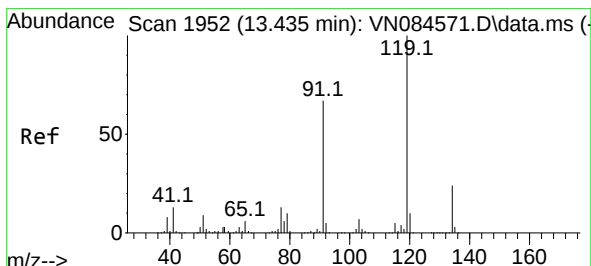
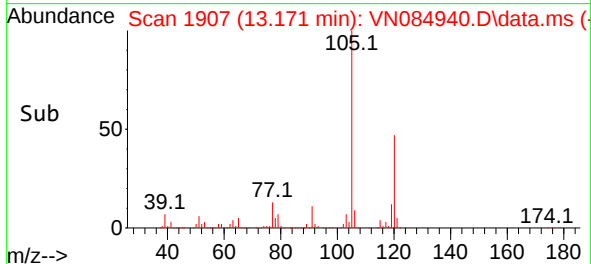
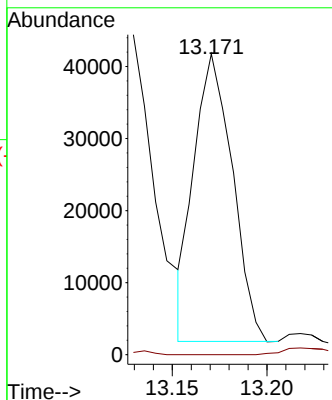
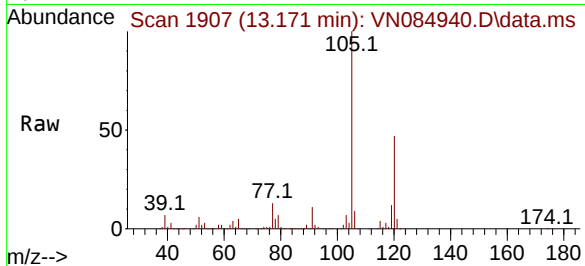




#82
4-Chlorotoluene
Concen: 7.730 ug/l
RT: 13.171 min Scan# 1915
Delta R.T. -0.047 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

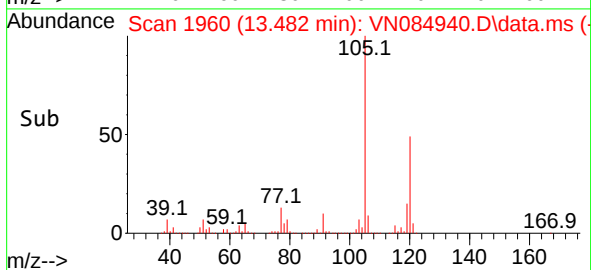
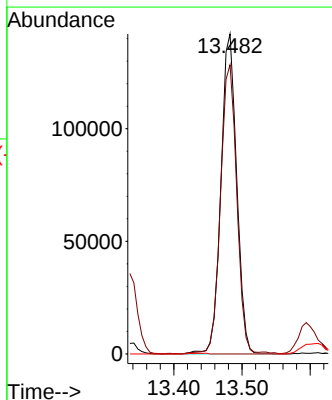
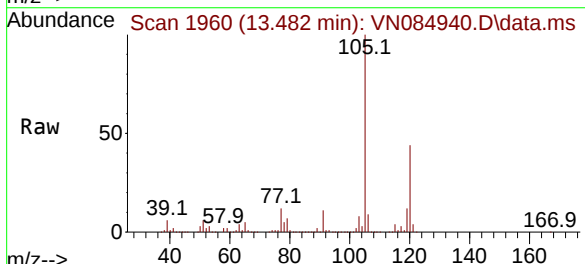
Instrument :
MSVOA_N
ClientSampleId :
MW-1

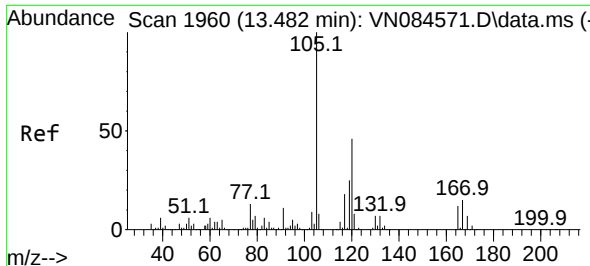
Tgt Ion: 91 Resp: 56228
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#



#83
tert-Butylbenzene
Concen: 36.964 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion: 119 Resp: 228882
Ion Ratio Lower Upper
119 100
91 93.1 34.1 102.3
134 0.0 12.8 38.4#

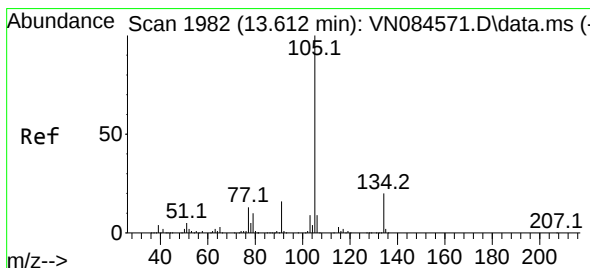
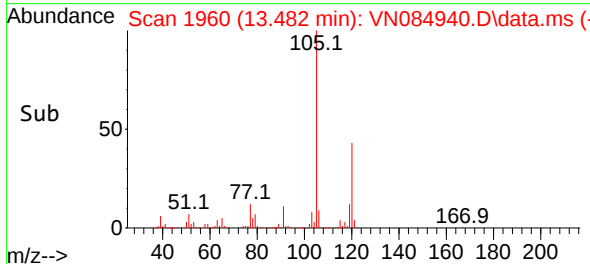
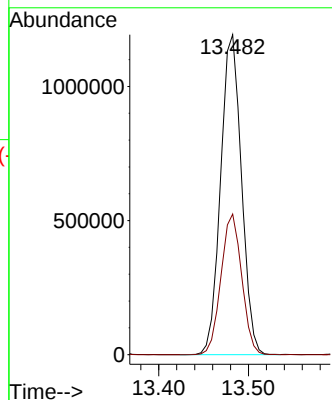
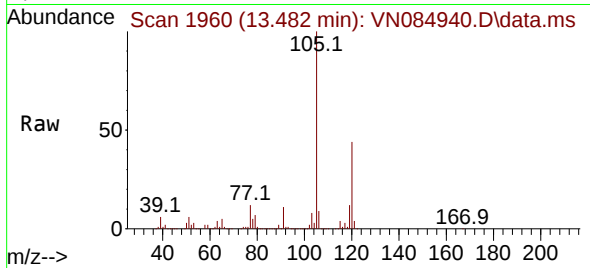




#84
1,2,4-Trimethylbenzene
Concen: 249.036 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

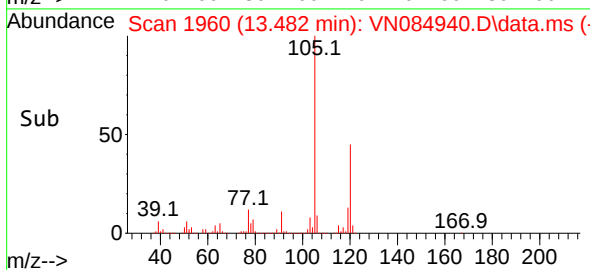
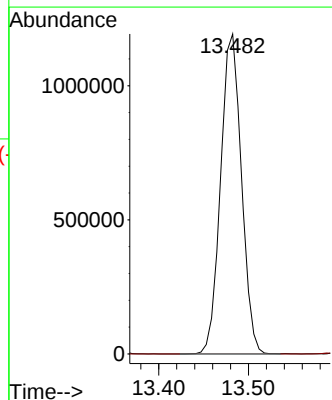
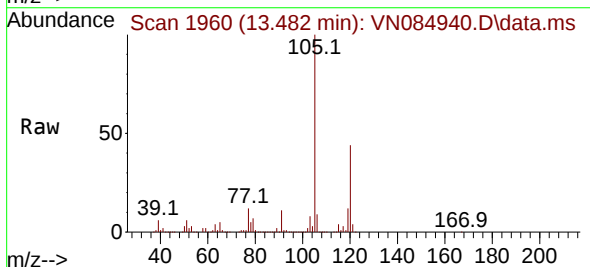
Instrument :
MSVOA_N
ClientSampleId :
MW-1

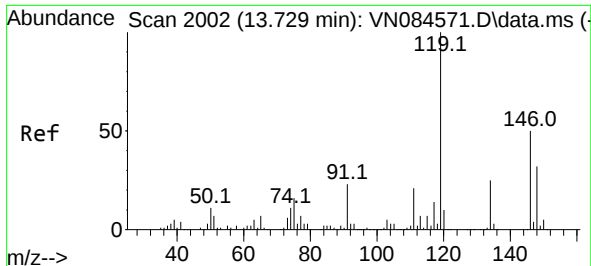
Tgt Ion:105 Resp: 1923009
Ion Ratio Lower Upper
105 100
120 43.7 22.3 66.8



#85
sec-Butylbenzene
Concen: 219.859 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.135 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion:105 Resp: 1923009
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#

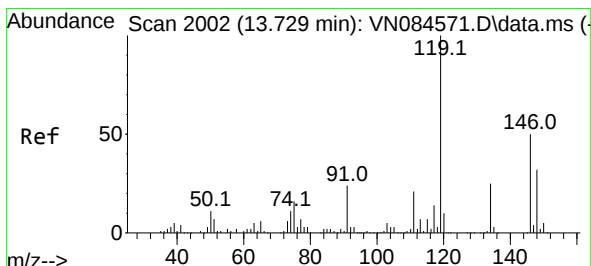
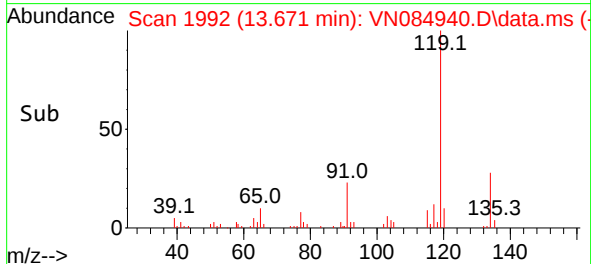
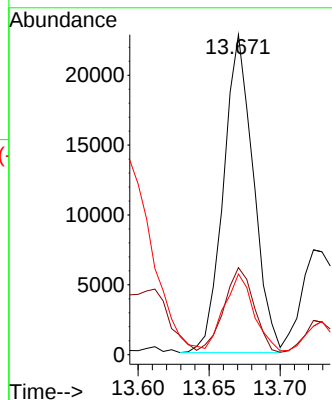
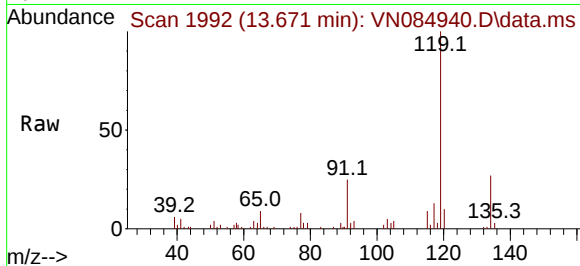




#86
p-Isopropyltoluene
Concen: 4.643 ug/l
RT: 13.671 min Scan# 1992
Delta R.T. -0.058 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

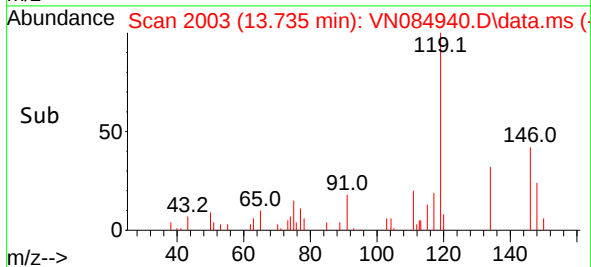
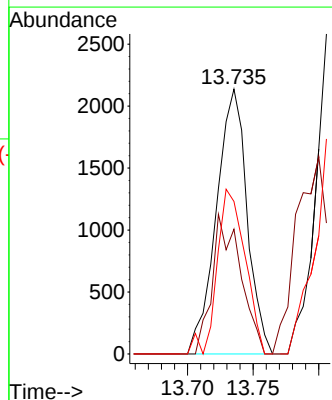
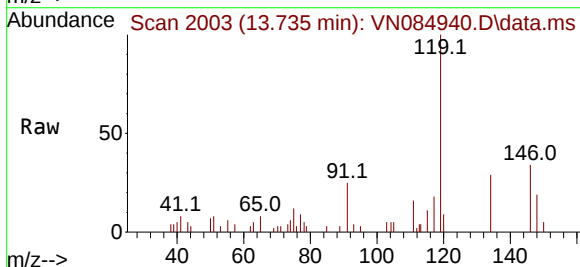
Instrument :
MSVOA_N
ClientSampleId :
MW-1

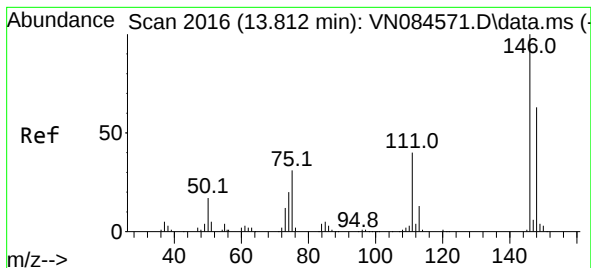
Tgt Ion:119 Resp: 33307
Ion Ratio Lower Upper
119 100
134 28.4 12.6 37.8
91 23.7 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.736 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion:146 Resp: 3484
Ion Ratio Lower Upper
146 100
111 48.8 21.8 65.3
148 56.6 31.9 95.7





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.735 min Scan# 2016

Delta R.T. -0.077 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

MW-1

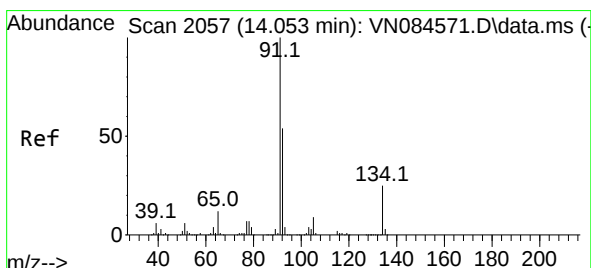
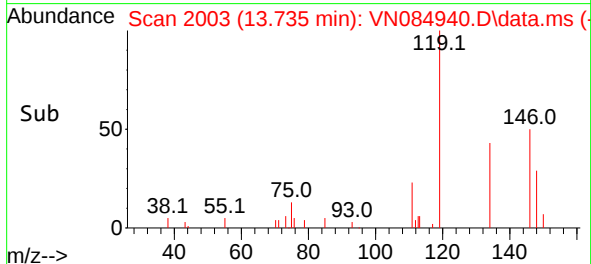
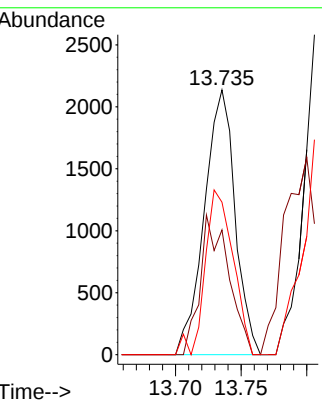
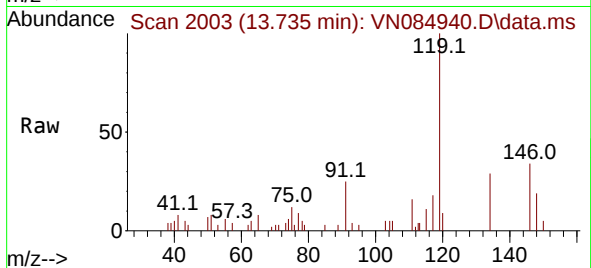
Tgt Ion:146 Resp: 3484

Ion Ratio Lower Upper

146 100

111 48.8 21.2 63.6

148 56.6 31.9 95.9



#89

n-Butylbenzene

Concen: 6.384 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

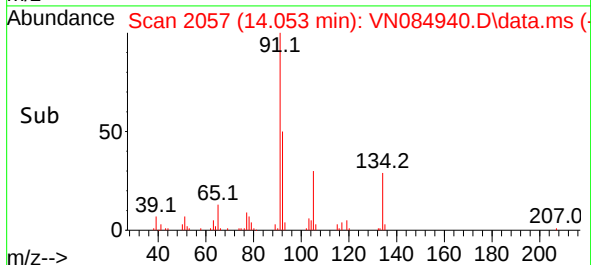
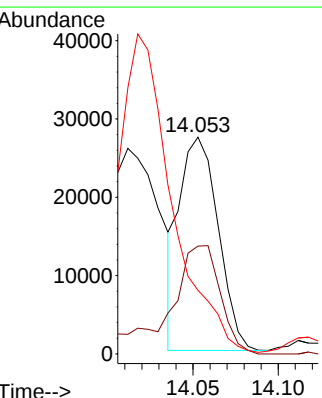
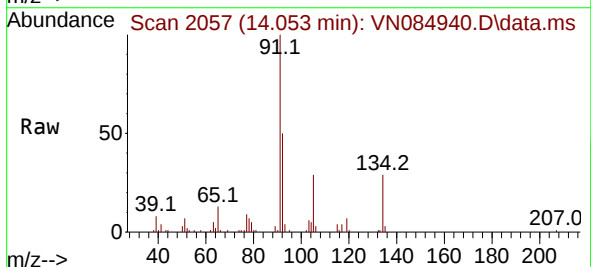
Tgt Ion: 91 Resp: 42837

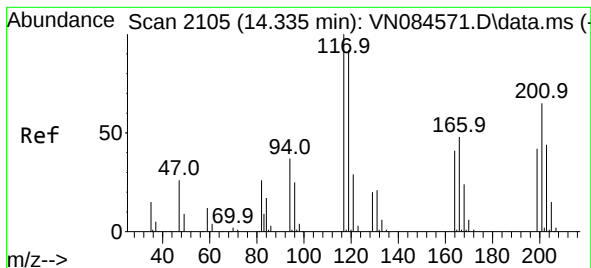
Ion Ratio Lower Upper

91 100

92 63.2 26.6 79.7

134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 9.996 ug/l

RT: 14.323 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

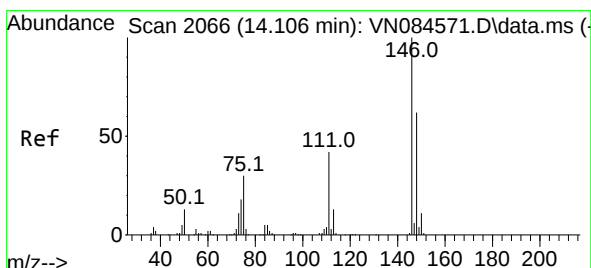
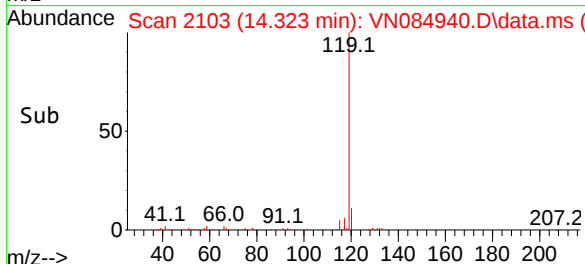
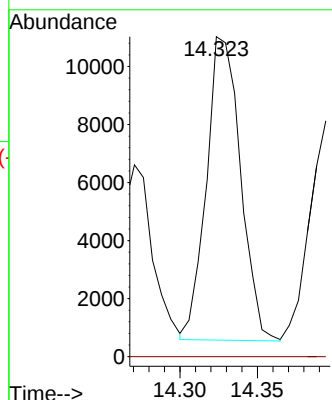
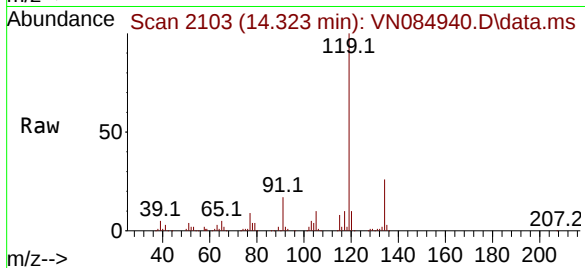
MW-1

Tgt Ion:117 Resp: 15990

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.2#



#91

1,2-Dichlorobenzene

Concen: 0.612 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084940.D

Acq: 19 Nov 2024 12:28

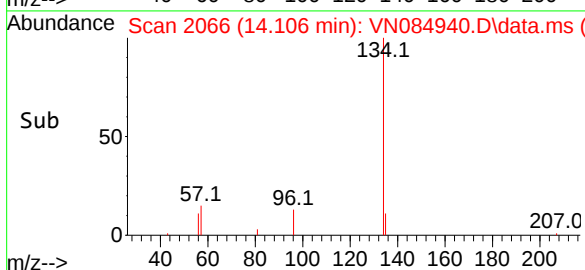
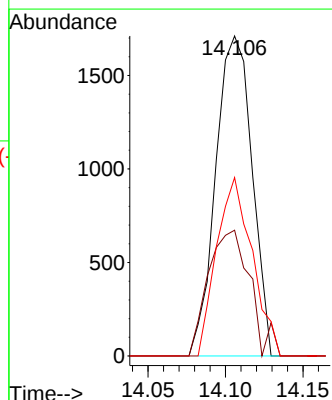
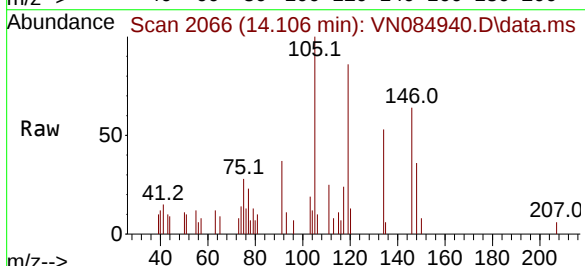
Tgt Ion:146 Resp: 2787

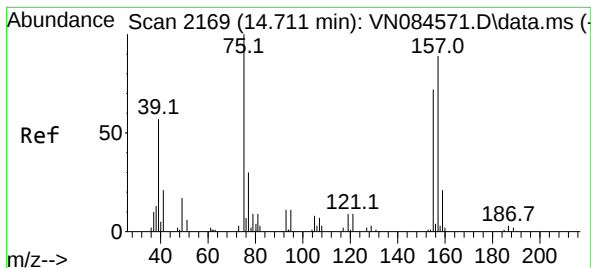
Ion Ratio Lower Upper

146 100

111 45.2 22.0 66.0

148 54.6 32.1 96.3

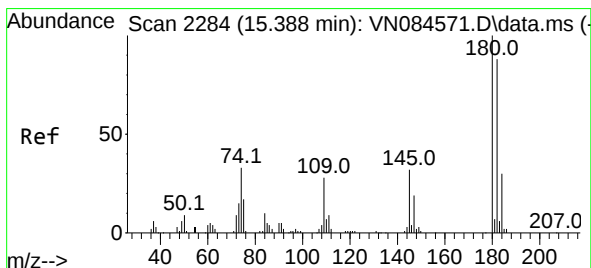
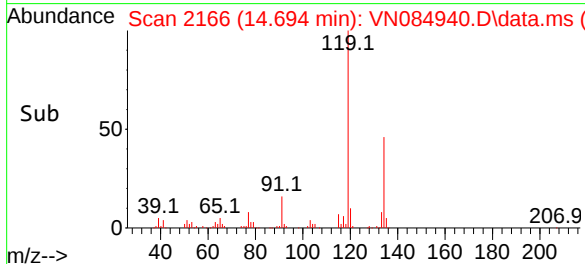
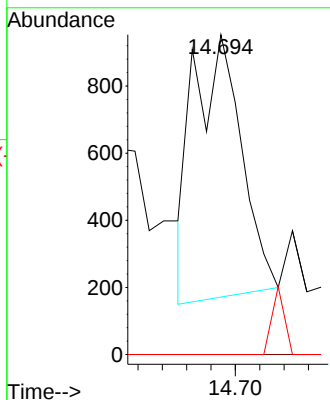
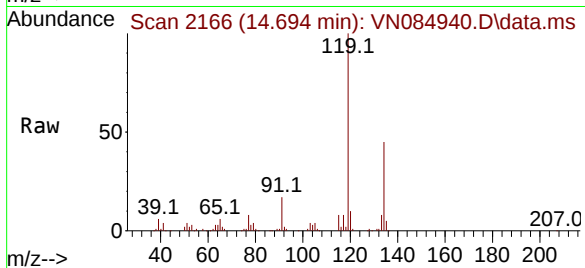




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.741 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.023 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

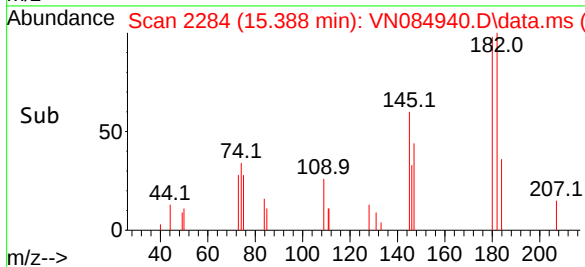
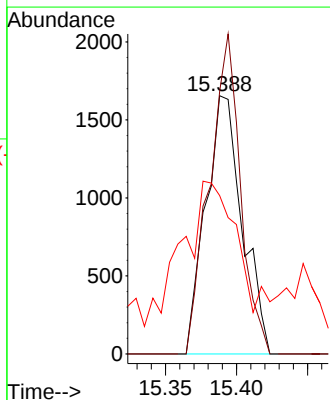
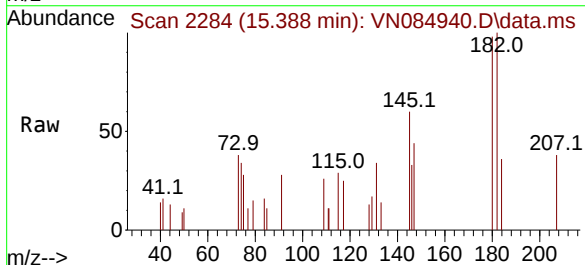
Instrument :
MSVOA_N
ClientSampleId :
MW-1

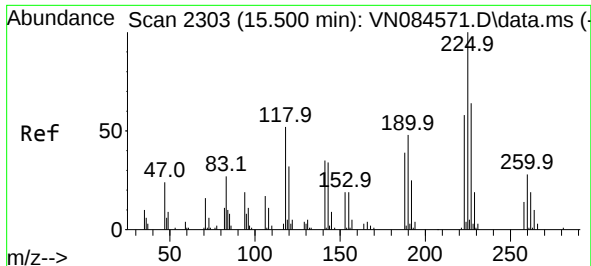
Tgt Ion: 75 Resp: 1063
Ion Ratio Lower Upper
75 100
155 0.0 38.1 114.5#
157 0.0 49.6 149.0#



#93
1,2,4-Trichlorobenzene
Concen: 1.187 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion:180 Resp: 2956
Ion Ratio Lower Upper
180 100
182 105.4 47.0 141.0
145 116.7 16.4 49.4#

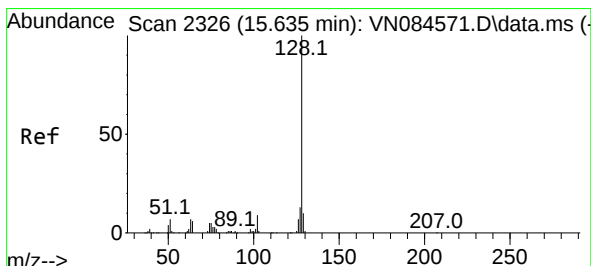
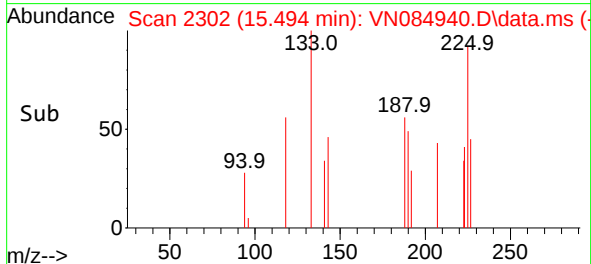
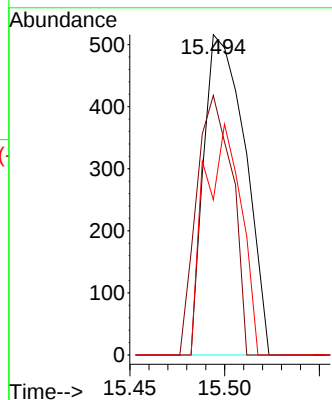
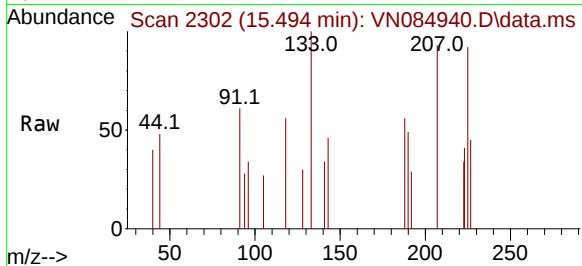




#94
Hexachlorobutadiene
Concen: 0.714 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

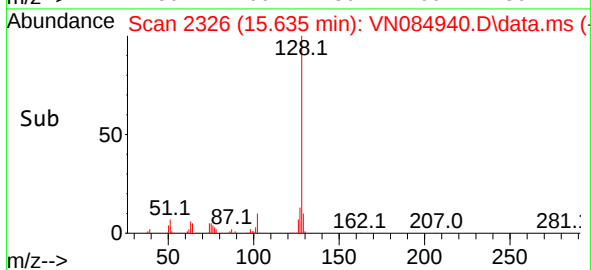
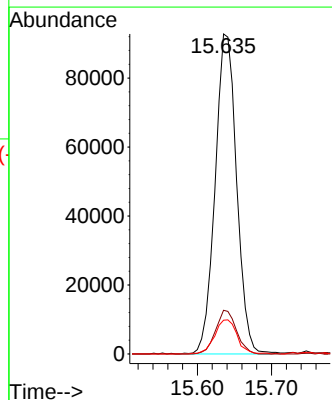
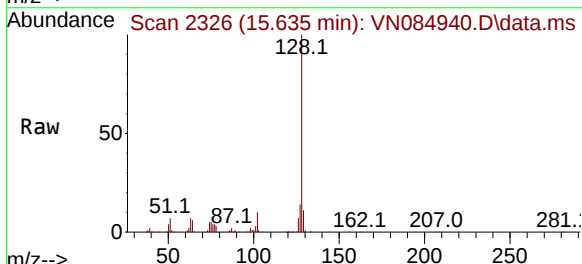
Instrument :
MSVOA_N
ClientSampleId :
MW-1

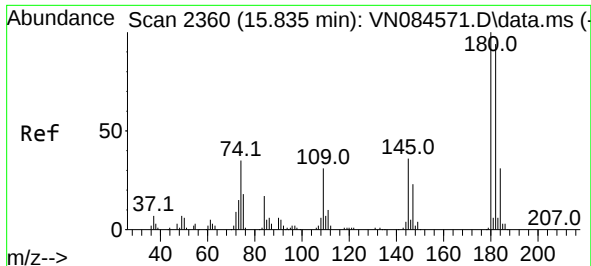
Tgt Ion:225 Resp: 781
Ion Ratio Lower Upper
225 100
223 70.3 32.4 97.2
227 64.1 32.4 97.0



#95
Naphthalene
Concen: 25.109 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN084940.D
Acq: 19 Nov 2024 12:28

Tgt Ion:128 Resp: 187207
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.283 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084940.D
 Acq: 19 Nov 2024 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.2	144.6
145	61.0	17.3	51.9

