

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084816.D
 Acq On : 13 Nov 2024 10:26
 Operator : JC\MD
 Sample : VN1113MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 14 00:29:51 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	8.218	168	151097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	262379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95032	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	110575	50.668	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.340%	
35) Dibromofluoromethane	8.159	113	89209	50.231	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.460%	
50) Toluene-d8	10.565	98	301880	46.144	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.280%	
62) 4-Bromofluorobenzene	12.847	95	105756	43.254	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 86.500%	

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	801	Below Cal	#	41
5) Bromomethane	2.906	94	688	0.695	ug/l	# 77
6) Chloroethane	3.200	64	1328	Below Cal	#	45
11) Tert butyl alcohol	5.506	59	135	0.469	ug/l	# 73
16) Acetone	4.447	43	220	Below Cal	#	44
17) Carbon Disulfide	4.706	76	3240	0.611	ug/l	# 75
18) Methyl Acetate	5.024	43	1322	Below Cal		93
27) cis-1,2-Dichloroethene	7.477	96	445	0.216	ug/l	53
31) Cyclohexane	8.218	56	3222	1.069	ug/l	# 1
36) 1,1-Dichloropropene	8.365	75	596	0.242	ug/l	# 68
38) Carbon Tetrachloride	8.212	117	15775	5.730	ug/l	# 16
43) Isopropyl Acetate	8.718	43	544	Below Cal	#	56
44) Trichloroethene	9.347	130	738	0.405	ug/l	82
51) 4-Methyl-2-Pentanone	10.447	43	467	0.219	ug/l	# 36
52) Toluene	10.623	92	1018	0.220	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	1582	0.554	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	666	0.220	ug/l	# 70
58) 2-Chloroethyl Vinyl ether	10.153	63	511	0.433	ug/l	# 48
59) 2-Hexanone	11.200	43	1044	0.673	ug/l	94
60) Dibromochloromethane	11.353	129	429	0.216	ug/l	83
61) 1,2-Dibromoethane	11.470	107	487	0.273	ug/l	98
64) Tetrachloroethene	11.100	164	442	0.302	ug/l	# 87
65) Chlorobenzene	11.888	112	2755	0.559	ug/l	# 84
67) Ethyl Benzene	11.959	91	2968	0.361	ug/l	# 75
68) m/p-Xylenes	12.065	106	2393	0.768	ug/l	86
69) o-Xylene	12.394	106	783	0.269	ug/l	65
70) Styrene	12.412	104	2813	0.553	ug/l	96
71) Bromoform	12.576	173	459	0.356	ug/l	# 94
73) Isopropylbenzene	12.694	105	1903	0.286	ug/l	87
74) N-amyl acetate	12.494	43	993	0.350	ug/l	# 78
75) 1,1,2,2-Tetrachloroethane	12.941	83	878	0.395	ug/l	# 74
76) 1,2,3-Trichloropropane	12.970	75	1706	0.898	ug/l	95
77) Bromobenzene	12.976	156	1856	1.037	ug/l	74
78) n-propylbenzene	13.029	91	5310	0.680	ug/l	97
79) 2-Chlorotoluene	13.129	91	3223	0.632	ug/l	93
80) 1,3,5-Trimethylbenzene	13.170	105	1797	0.326	ug/l	90

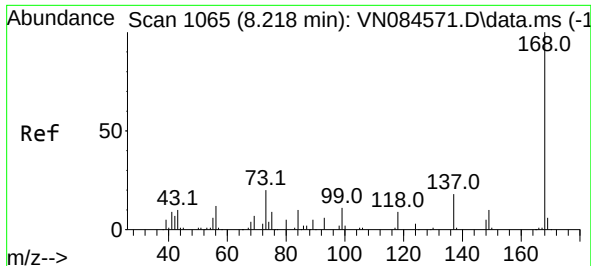
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
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 Operator : JC\MD
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 Response via : Initial Calibration

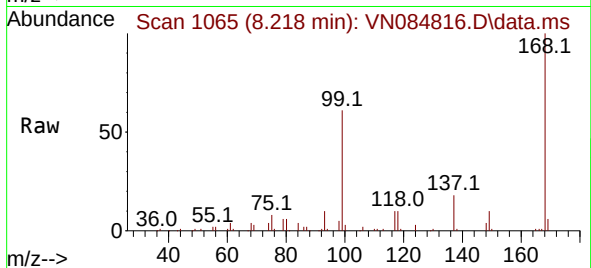
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.847	75	54720	68.338	ug/l #	11
82) 4-Chlorotoluene	13.223	91	5603	1.044	ug/l	96
83) tert-Butylbenzene	13.441	119	1272	0.278	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	2059	0.361	ug/l	84
85) sec-Butylbenzene	13.611	105	3035	0.470	ug/l	94
86) p-Isopropyltoluene	13.723	119	2923	0.552	ug/l	96
87) 1,3-Dichlorobenzene	13.729	146	4861	1.391	ug/l	95
88) 1,4-Dichlorobenzene	13.806	146	6834	1.290	ug/l	85
89) n-Butylbenzene	14.053	91	6407	1.294	ug/l	91
90) Hexachloroethane	14.323	117	360	0.305	ug/l	93
91) 1,2-Dichlorobenzene	14.100	146	3623	1.079	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.711	75	375	0.833	ug/l #	38
93) 1,2,4-Trichlorobenzene	15.394	180	4285	2.332	ug/l	98
94) Hexachlorobutadiene	15.494	225	1292	1.601	ug/l	96
95) Naphthalene	15.641	128	11917	2.167	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	4222	2.367	ug/l	97

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

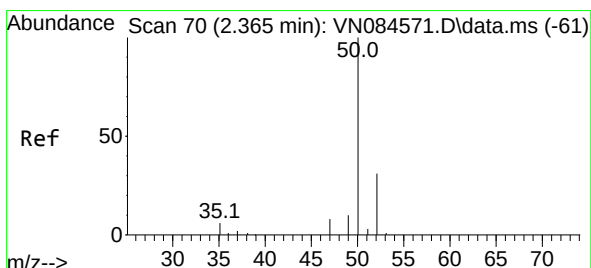
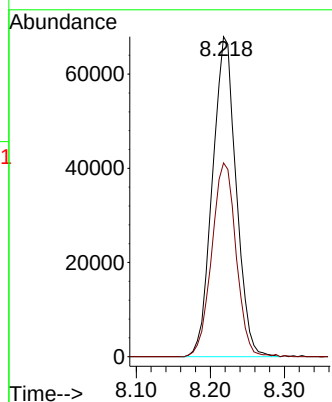
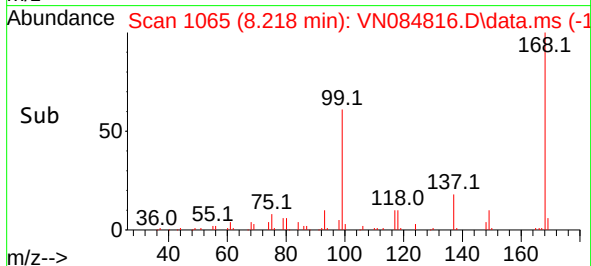


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :

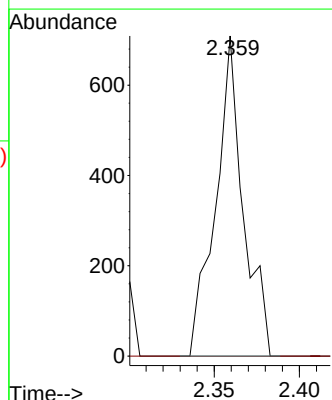
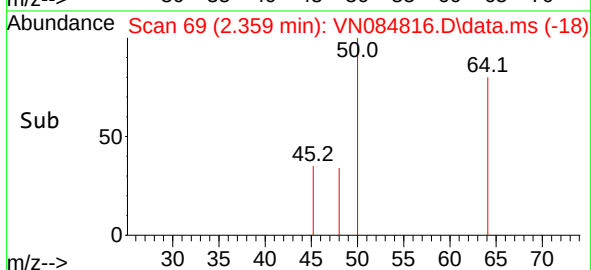
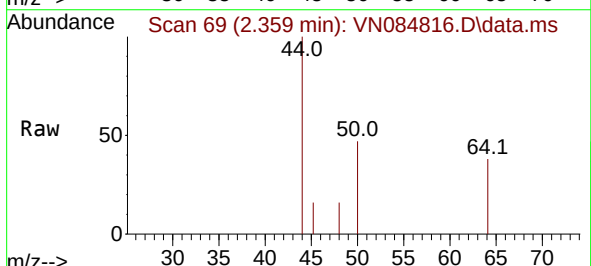


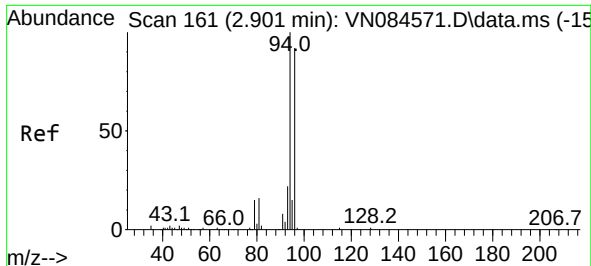
Tgt Ion:168 Resp: 151097
Ion Ratio Lower Upper
168 100
99 60.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Tgt Ion: 50 Resp: 801
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

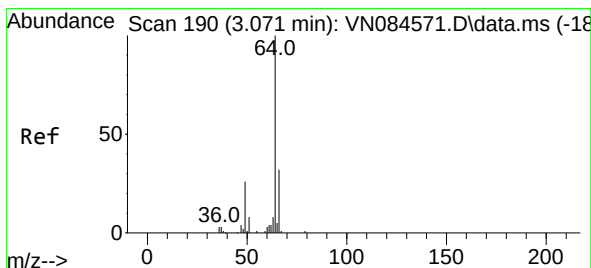
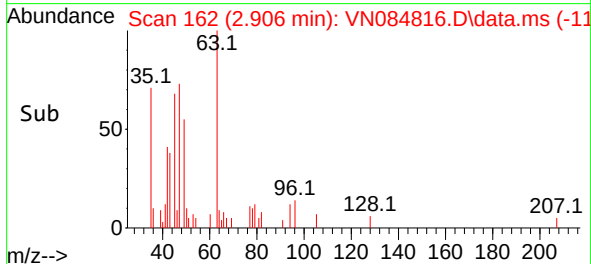
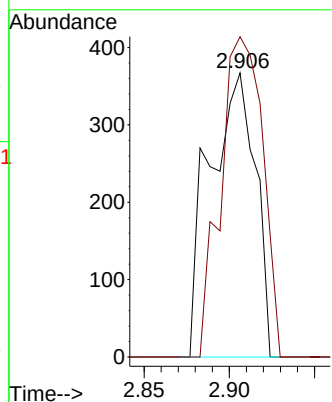
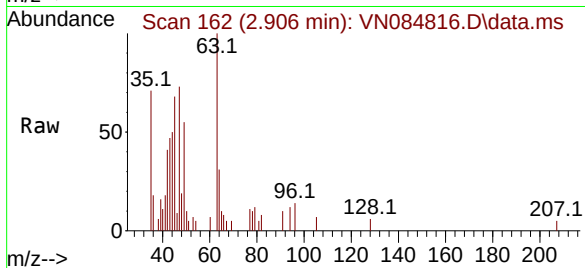




#5
Bromomethane
Concen: 0.695 ug/l
RT: 2.906 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

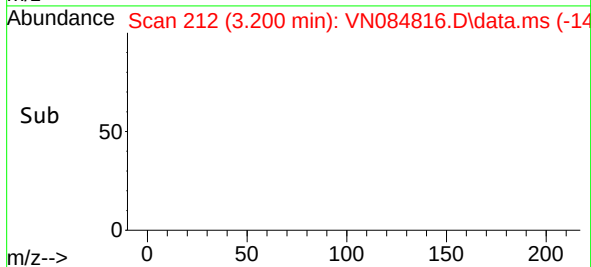
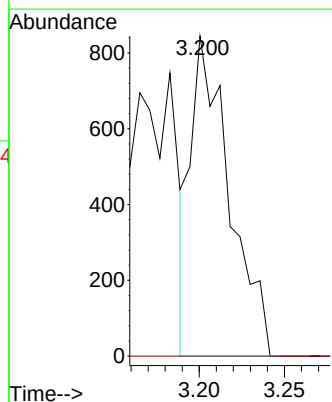
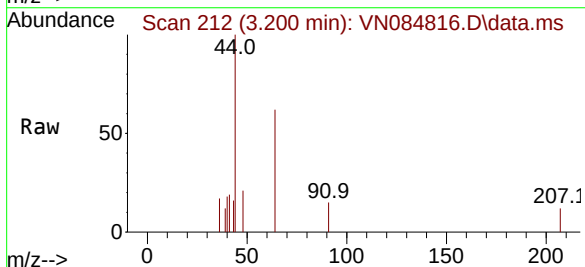
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MSVOA_N
ClientSampleId :

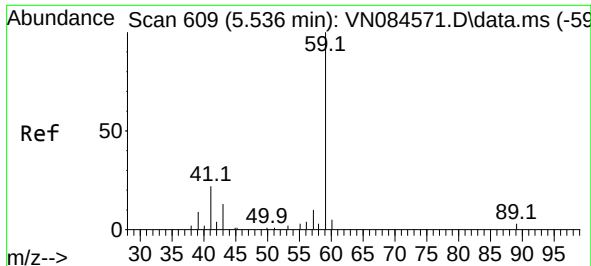
Tgt Ion: 94 Resp: 688
Ion Ratio Lower Upper
94 100
96 112.8 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.200 min Scan# 212
Delta R.T. 0.082 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

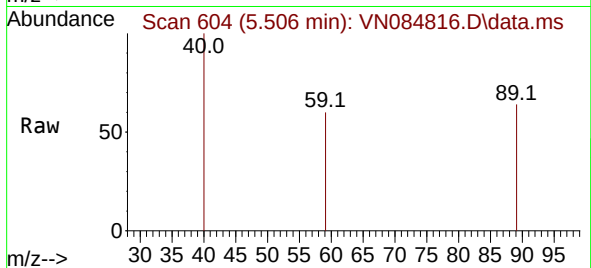
Tgt Ion: 64 Resp: 1328
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



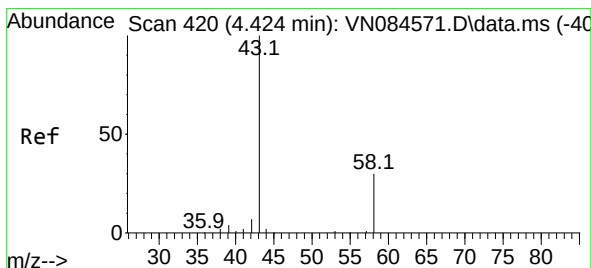
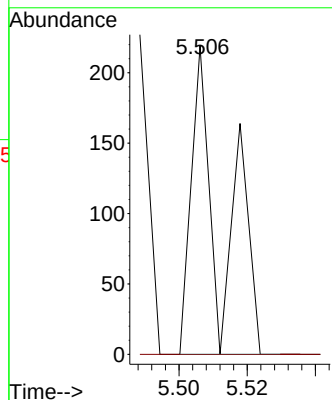
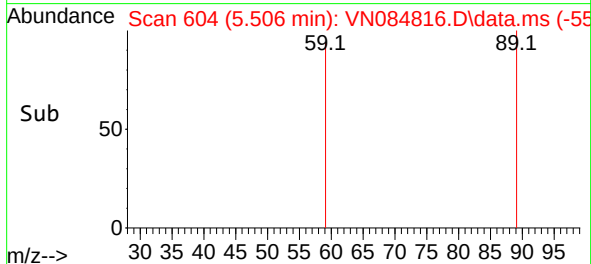


#11
Tert butyl alcohol
Concen: 0.469 ug/l
RT: 5.506 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

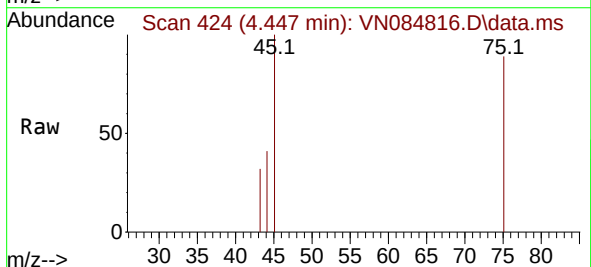
Instrument :
MSVOA_N
ClientSampleId :



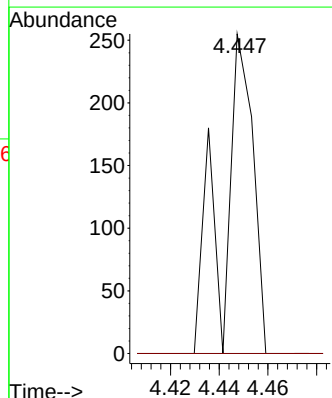
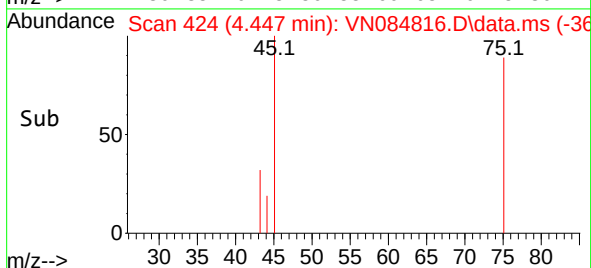
Tgt Ion: 59 Resp: 135
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

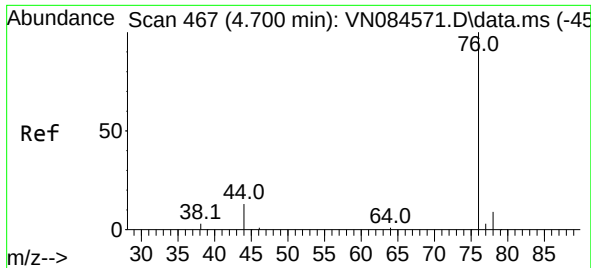


#16
Acetone
Concen: Below Cal
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26



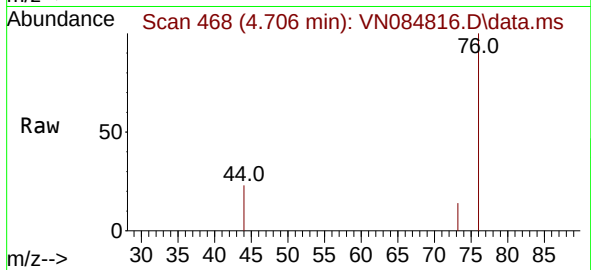
Tgt Ion: 43 Resp: 220
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



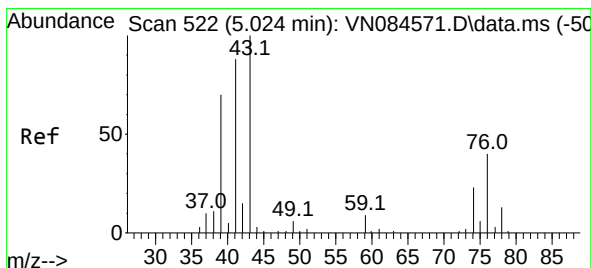
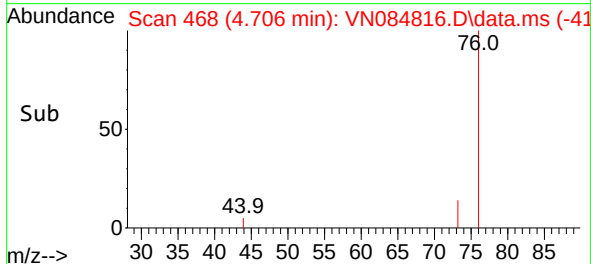
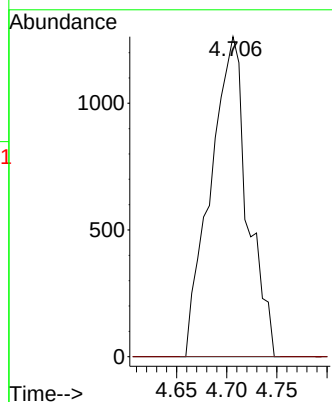


#17
Carbon Disulfide
Concen: 0.611 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :

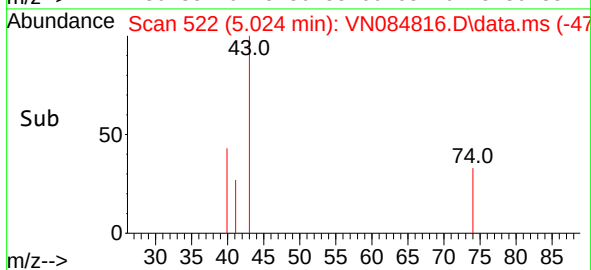
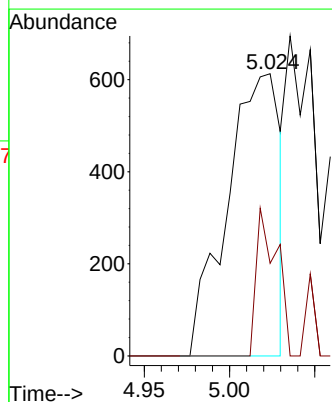
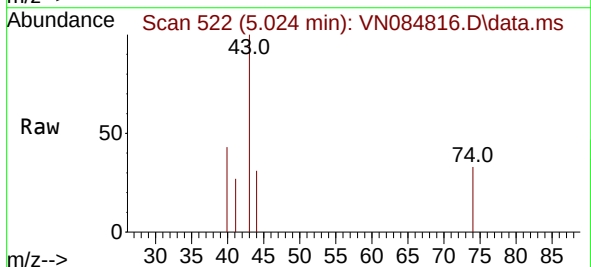


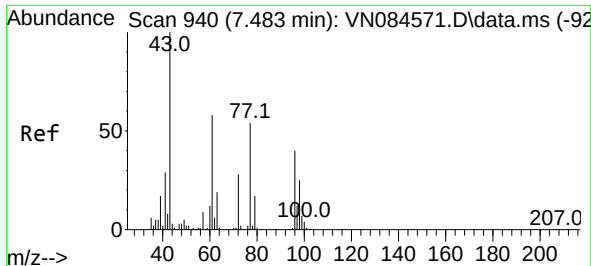
Tgt Ion: 76 Resp: 3240
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

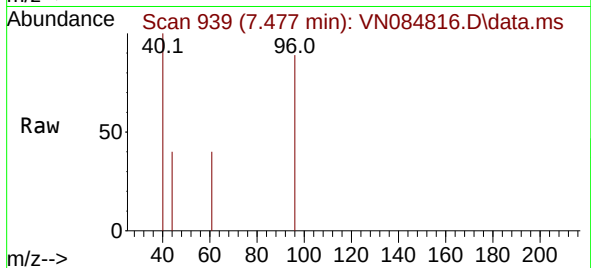
Tgt Ion: 43 Resp: 1322
Ion Ratio Lower Upper
43 100
74 20.4 19.2 28.8



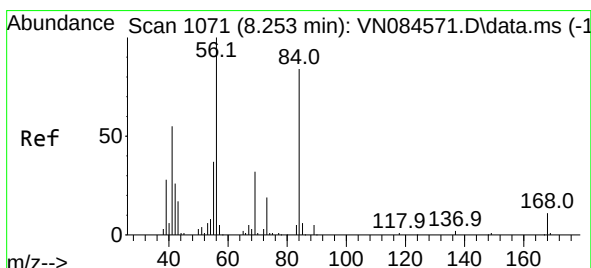
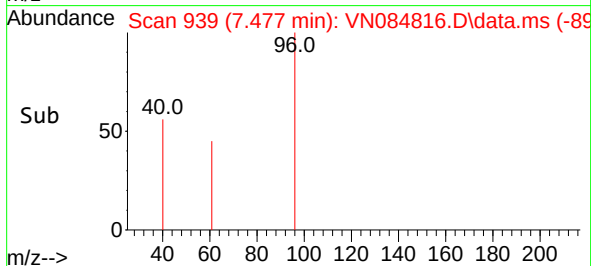
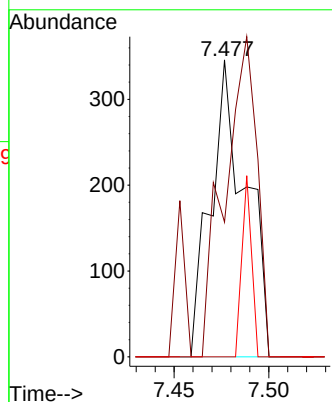


#27
 cis-1,2-Dichloroethene
 Concen: 0.216 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VN084816.D
 Acq: 13 Nov 2024 10:26

Instrument :
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 ClientSampleId :

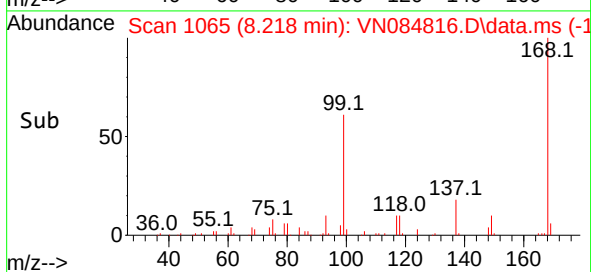
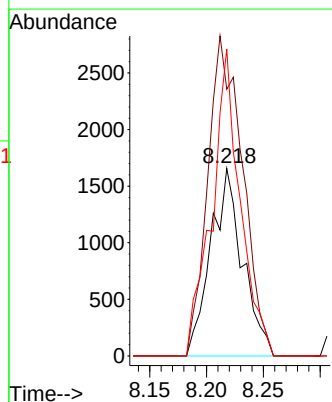
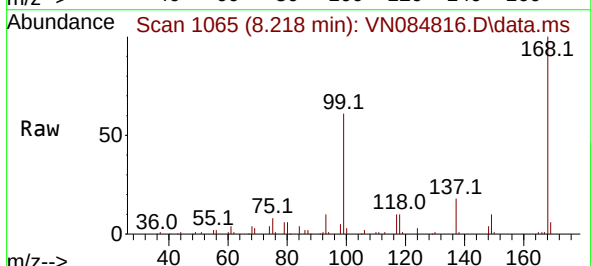


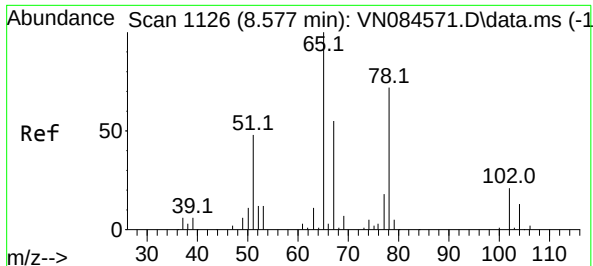
Tgt Ion: 96	Resp: 445
Ion Ratio	Lower Upper
96 100	
61 99.1	0.0 301.8
98 16.6	0.0 128.2



#31
 Cyclohexane
 Concen: 1.069 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.035 min
 Lab File: VN084816.D
 Acq: 13 Nov 2024 10:26

Tgt Ion: 56	Resp: 3222		
Ion Ratio	Lower	Upper	
56 100			
69 142.2	23.8	35.6#	
84 163.6	68.8	103.2#	





#33

1,2-Dichloroethane-d4

Concen: 50.668 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

Instrument :

MSVOA_N

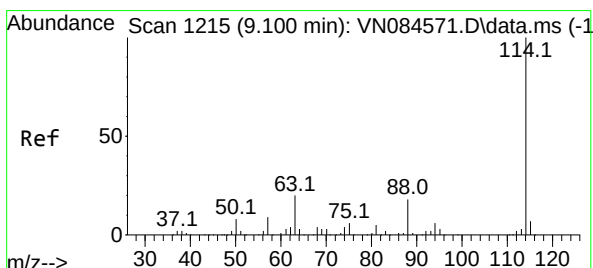
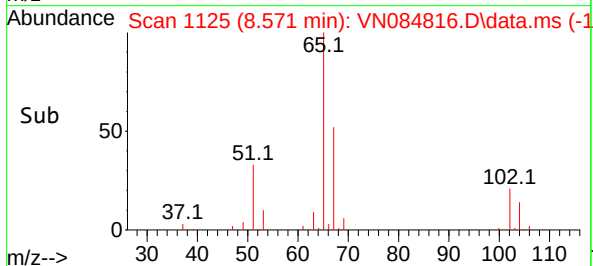
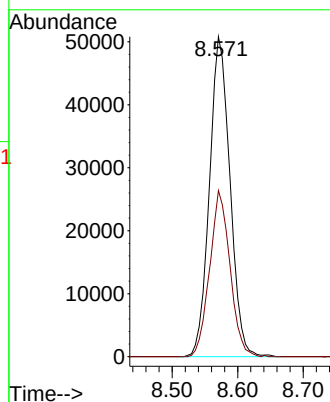
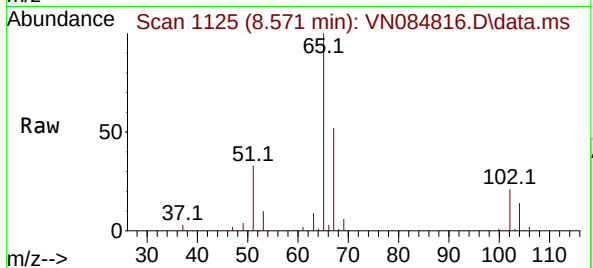
ClientSampleId :

Tgt Ion: 65 Resp: 110575

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

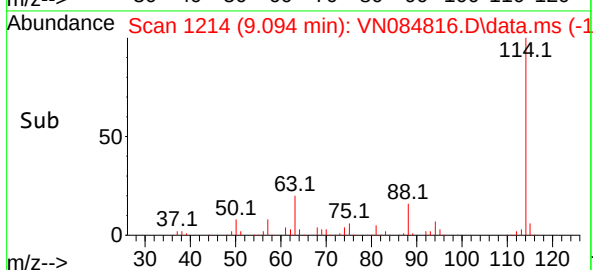
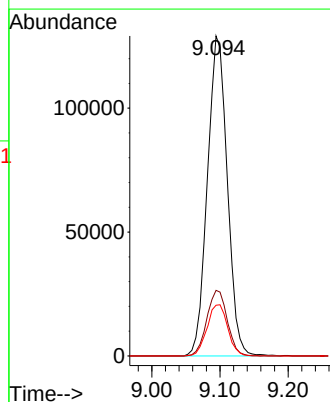
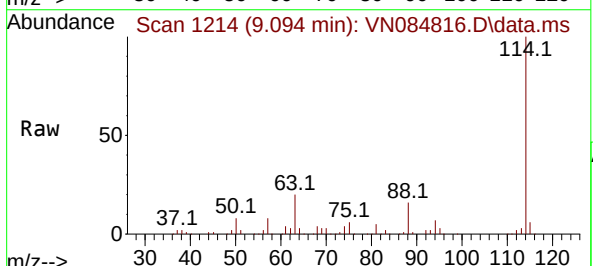
Tgt Ion: 114 Resp: 262379

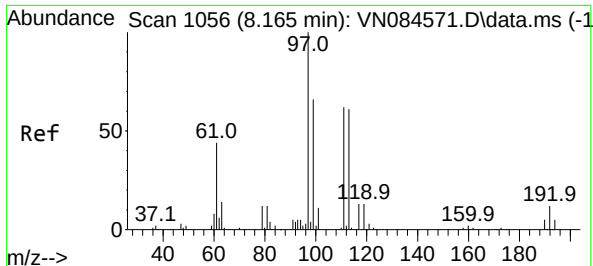
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.8

88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.231 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

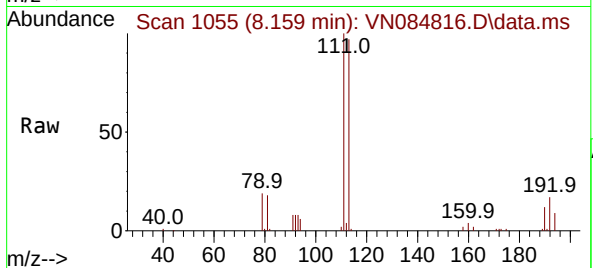
Lab File: VN084816.D

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MSVOA_N

ClientSampleId :



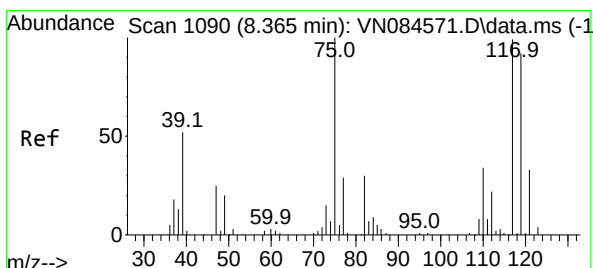
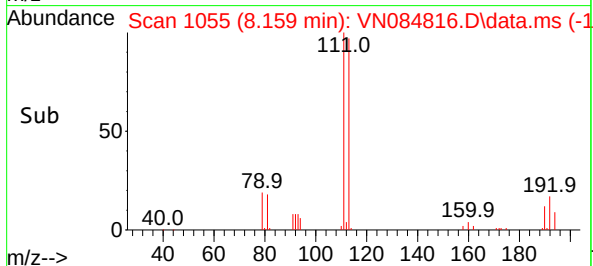
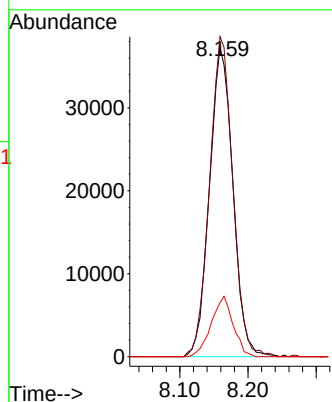
Tgt Ion:113 Resp: 89209

Ion Ratio Lower Upper

113 100

111 102.2 83.3 124.9

192 18.3 13.5 20.3



#36

1,1-Dichloropropene

Concen: 0.242 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

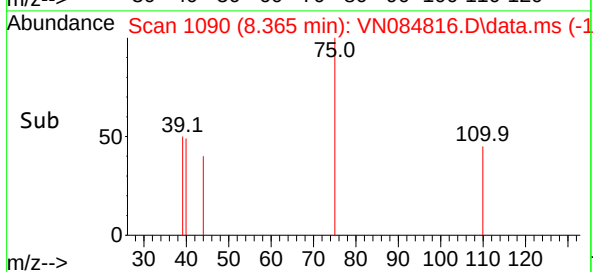
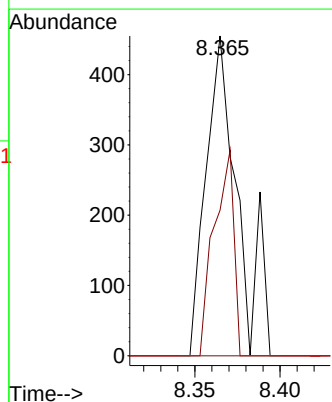
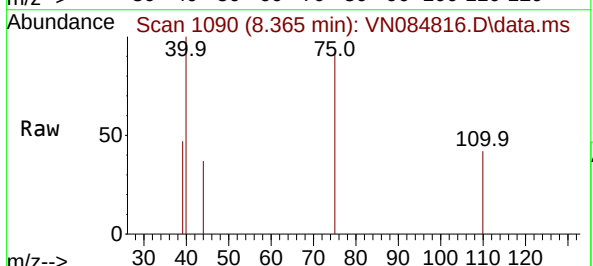
Tgt Ion: 75 Resp: 596

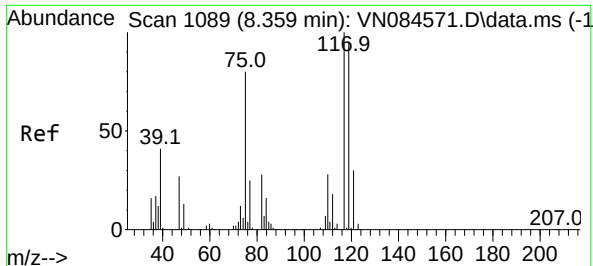
Ion Ratio Lower Upper

75 100

110 39.6 16.9 50.7

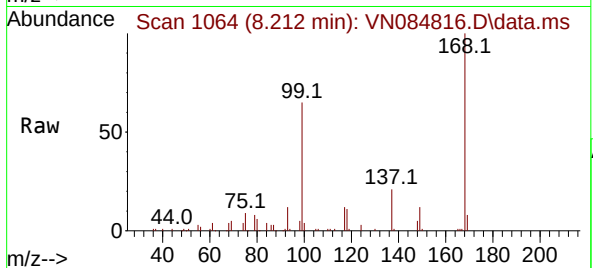
77 0.0 24.7 37.1#



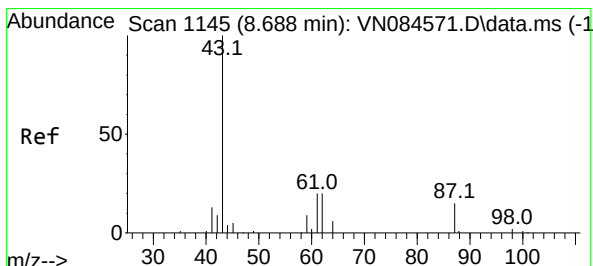
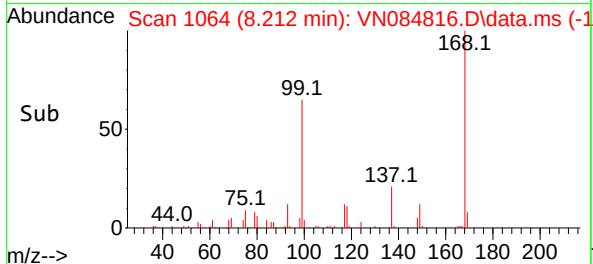
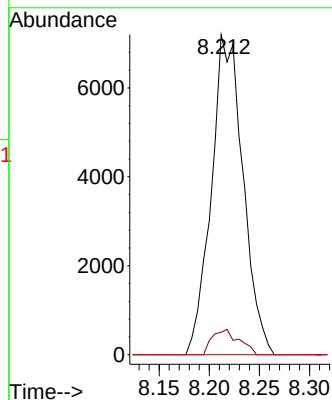


#38
Carbon Tetrachloride
Concen: 5.730 ug/l
RT: 8.212 min Scan# 1150
Delta R.T. -0.147 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :

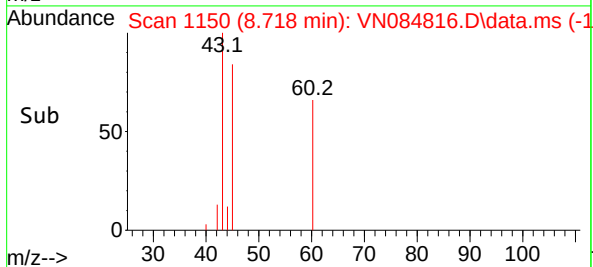
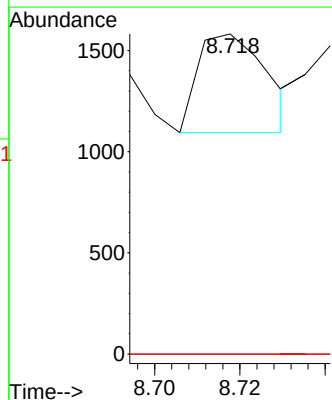
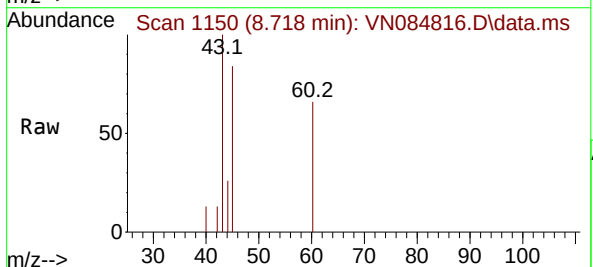


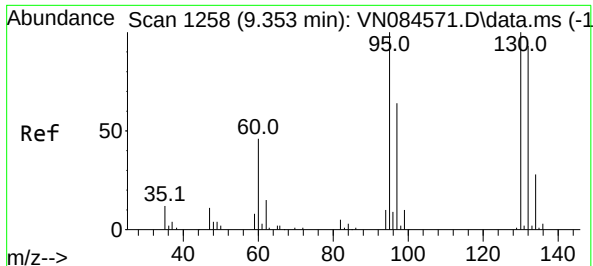
Tgt Ion:117 Resp: 15775
Ion Ratio Lower Upper
117 100
119 7.0 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.718 min Scan# 1150
Delta R.T. 0.030 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Tgt Ion: 43 Resp: 544
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

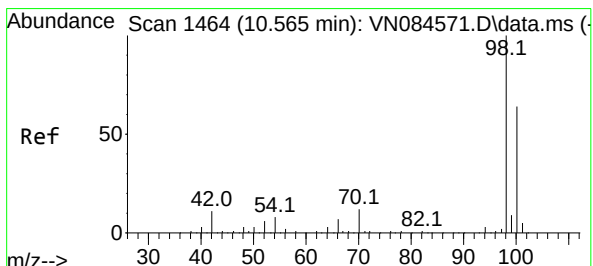
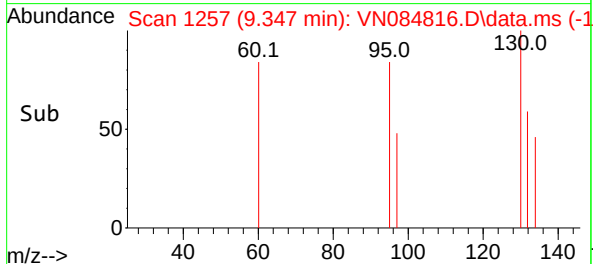
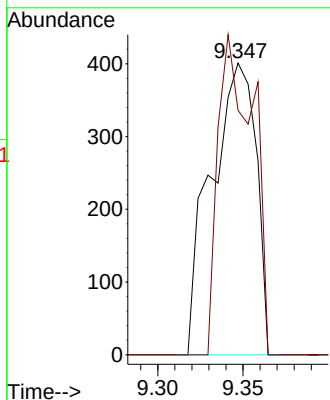
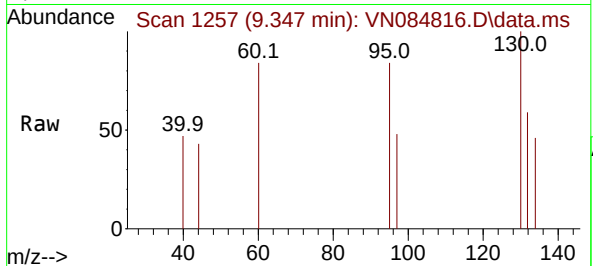




#44
Trichloroethene
Concen: 0.405 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

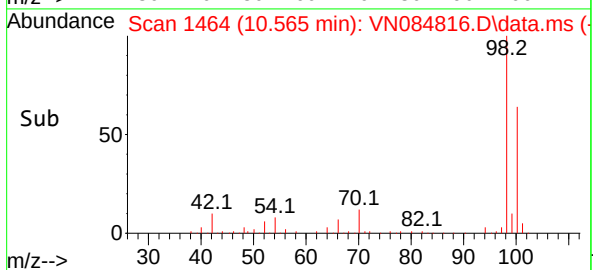
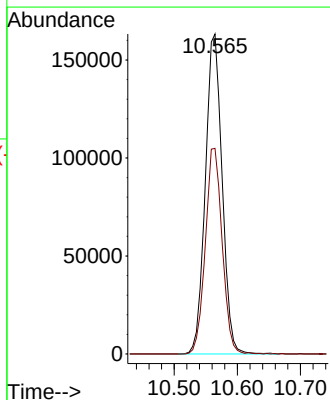
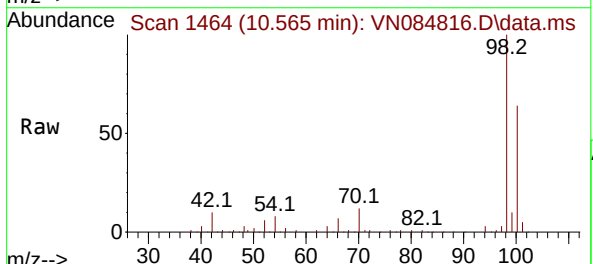
Instrument :
MSVOA_N
ClientSampleId :

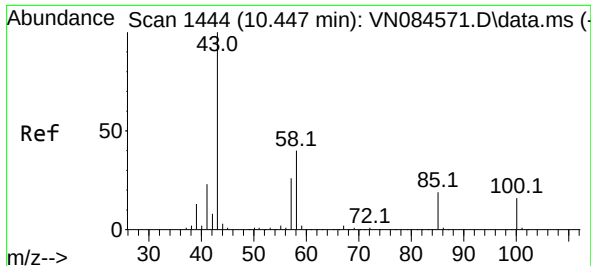
Tgt Ion:130 Resp: 738
Ion Ratio Lower Upper
130 100
95 83.8 0.0 203.0



#50
Toluene-d8
Concen: 46.144 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Tgt Ion: 98 Resp: 301880
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1

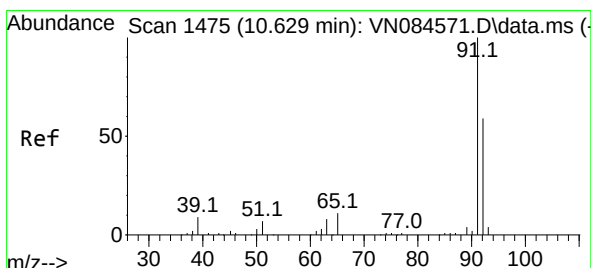
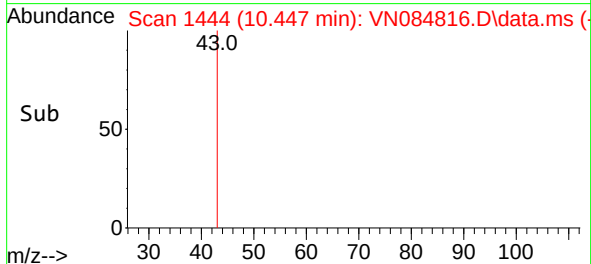
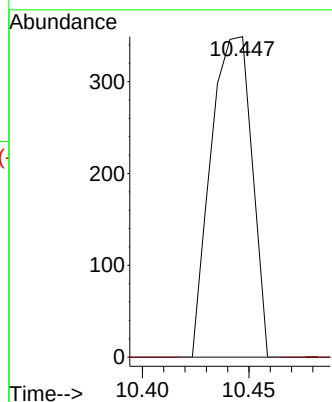
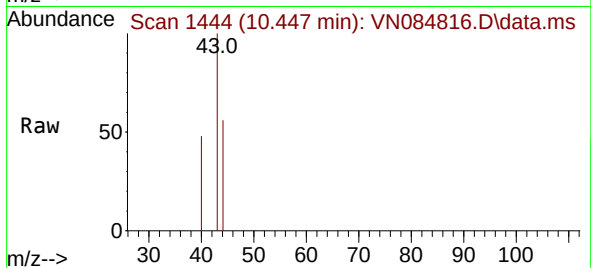




#51
4-Methyl-2-Pentanone
Concen: 0.219 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

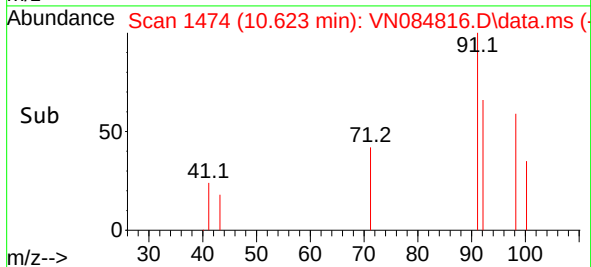
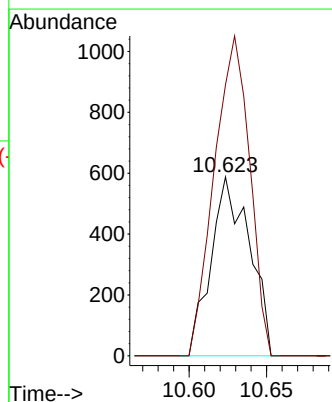
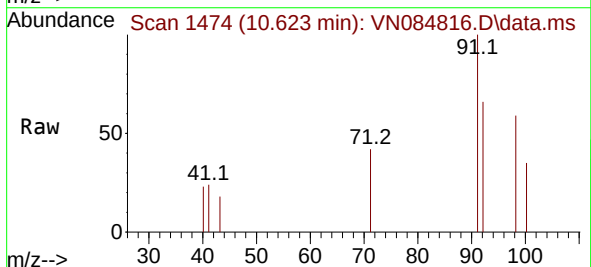
Instrument :
MSVOA_N
ClientSampleId :

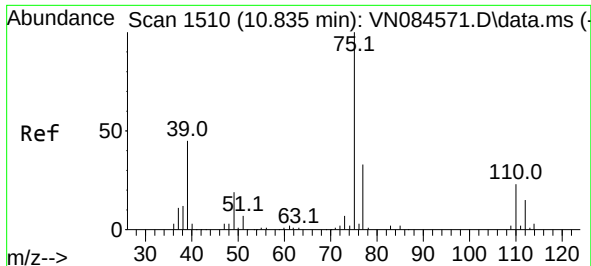
Tgt Ion: 43 Resp: 467
Ion Ratio Lower Upper
43 100
58 0.0 31.6 47.4#



#52
Toluene
Concen: 0.220 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Tgt Ion: 92 Resp: 1018
Ion Ratio Lower Upper
92 100
91 164.1 137.3 205.9

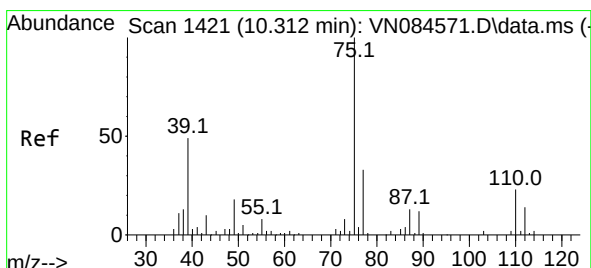
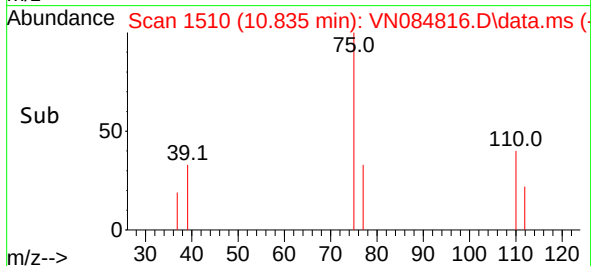
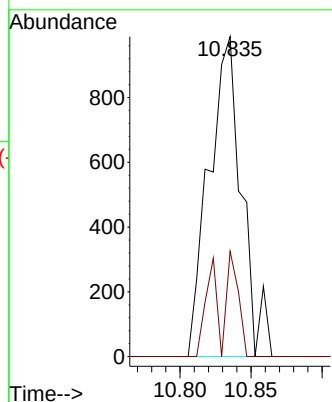
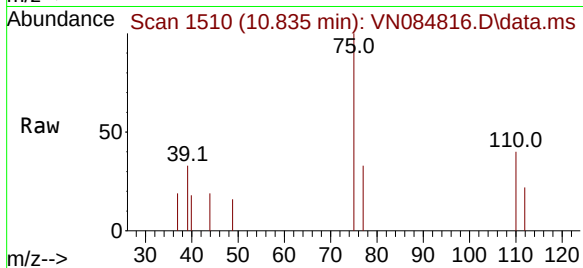




#53
t-1,3-Dichloropropene
Concen: 0.554 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

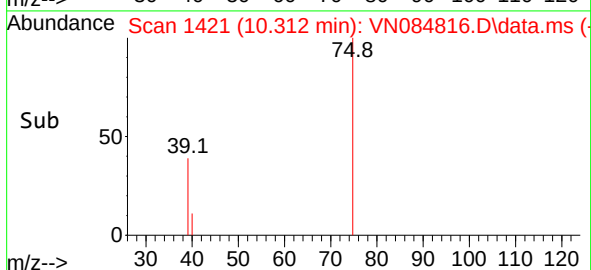
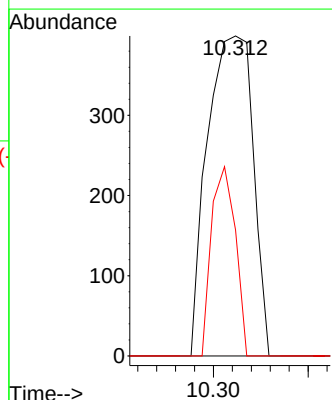
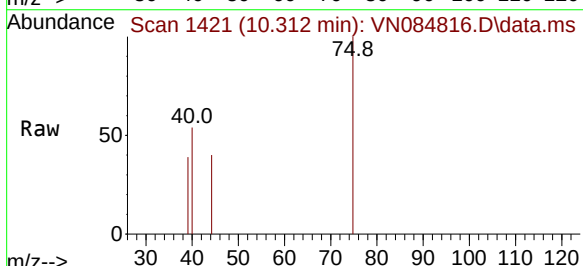
Instrument :
MSVOA_N
ClientSampleId :

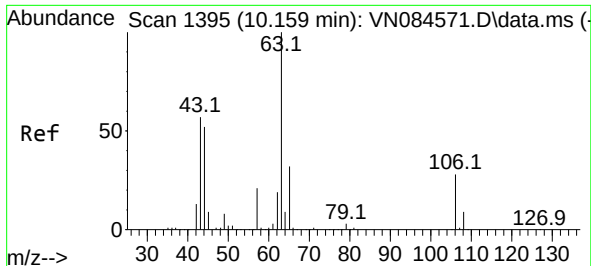
Tgt Ion: 75 Resp: 1582
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 0.220 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Tgt Ion: 75 Resp: 666
Ion Ratio Lower Upper
75 100
77 0.0 24.2 36.2#
39 39.3 38.7 58.1

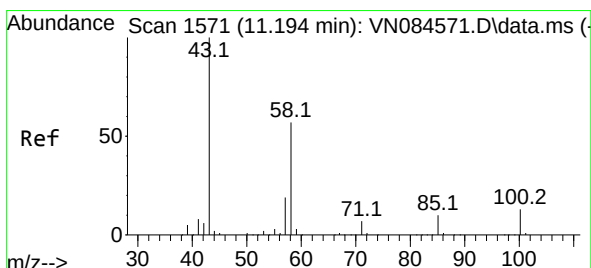
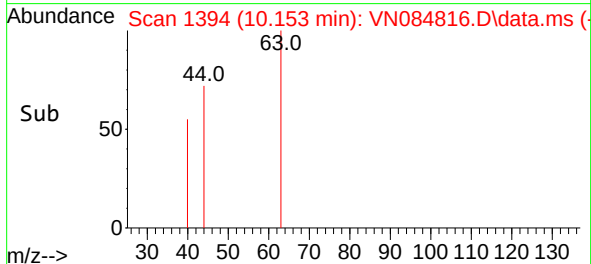
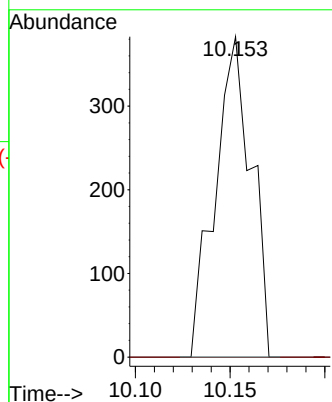
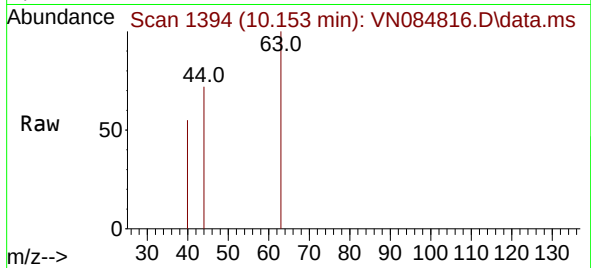




#58
2-Chloroethyl Vinyl ether
Concen: 0.433 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

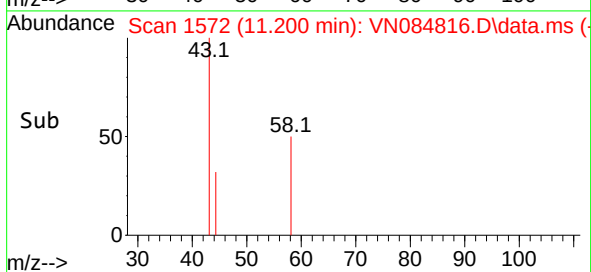
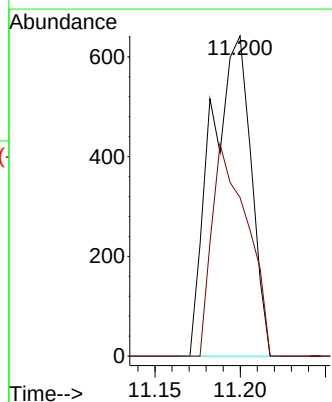
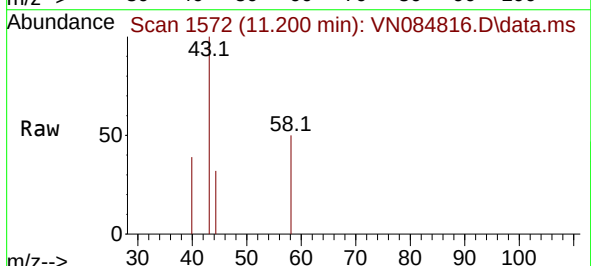
Instrument :
MSVOA_N
ClientSampleId :

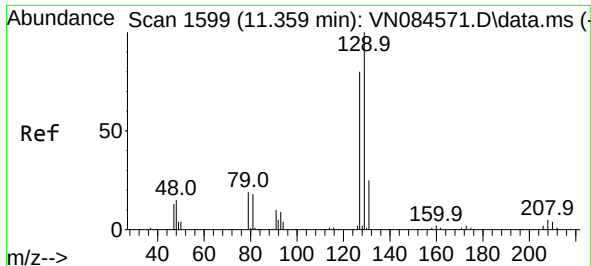
Tgt Ion: 63 Resp: 511
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#



#59
2-Hexanone
Concen: 0.673 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Tgt Ion: 43 Resp: 1044
Ion Ratio Lower Upper
43 100
58 59.0 27.3 81.8

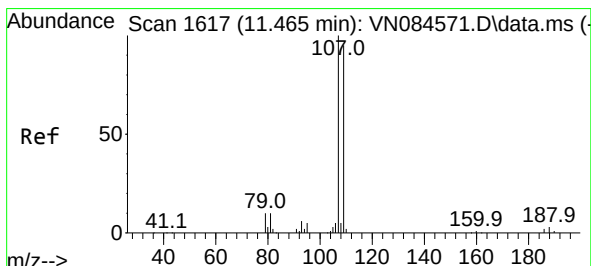
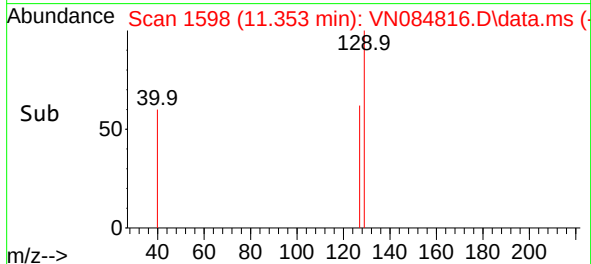
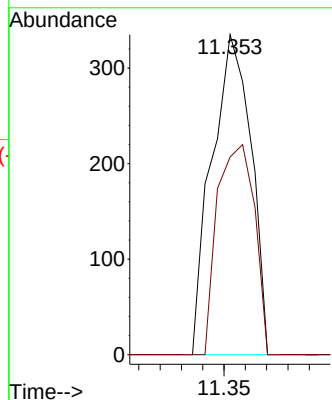
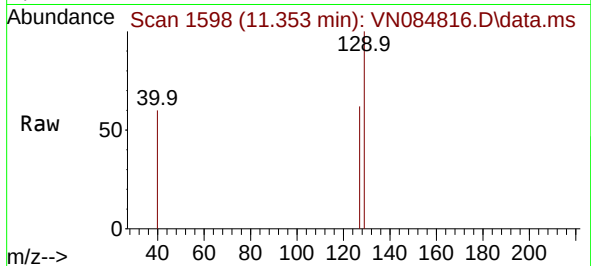




#60
Dibromochloromethane
Concen: 0.216 ug/l
RT: 11.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

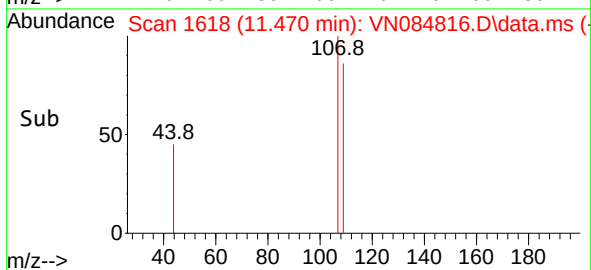
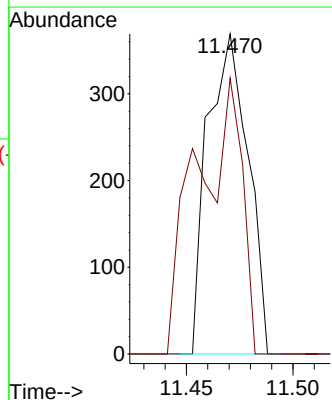
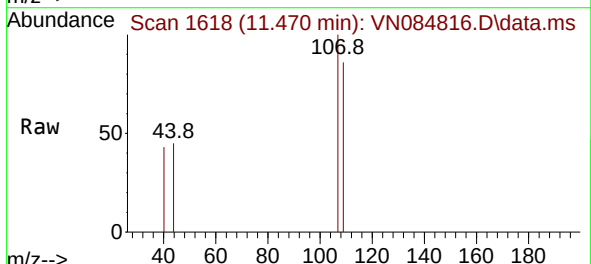
Instrument :
MSVOA_N
ClientSampleId :

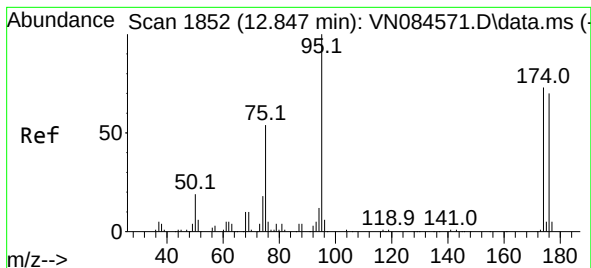
Tgt Ion:129 Resp: 429
Ion Ratio Lower Upper
129 100
127 62.0 38.3 114.9



#61
1,2-Dibromoethane
Concen: 0.273 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Tgt Ion:107 Resp: 487
Ion Ratio Lower Upper
107 100
109 96.1 75.4 113.0

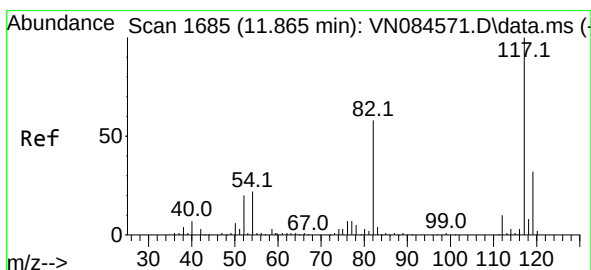
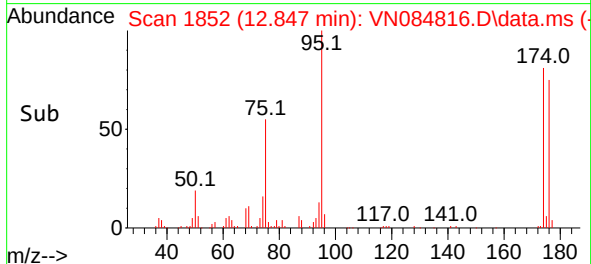
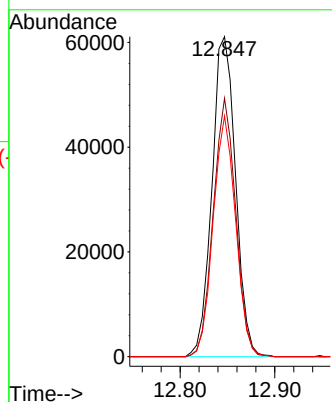
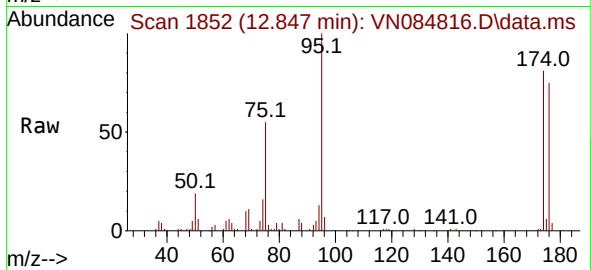




#62
4-Bromofluorobenzene
Concen: 43.254 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

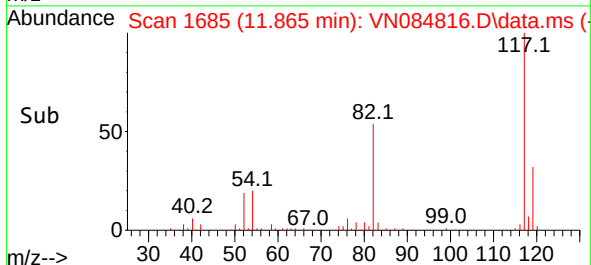
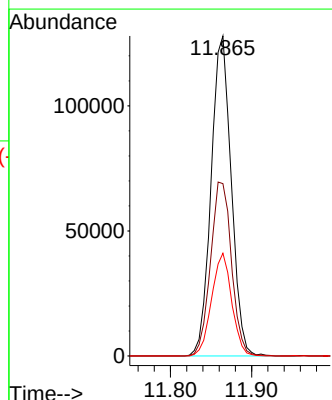
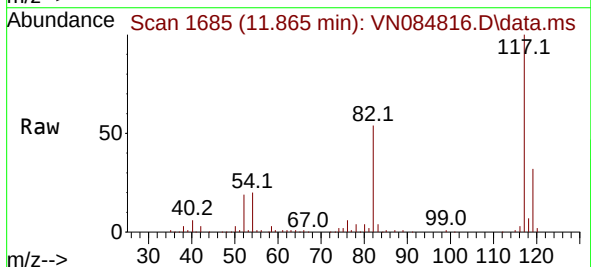
Instrument :
MSVOA_N
ClientSampleId :

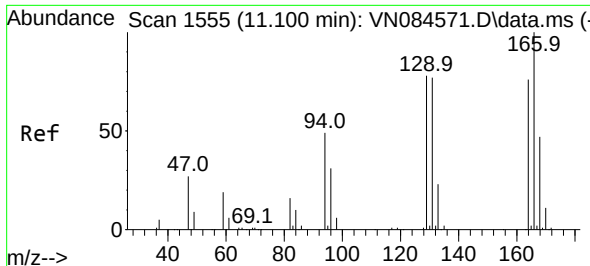
Tgt Ion: 95 Resp: 105756
Ion Ratio Lower Upper
95 100
174 76.9 0.0 145.2
176 72.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

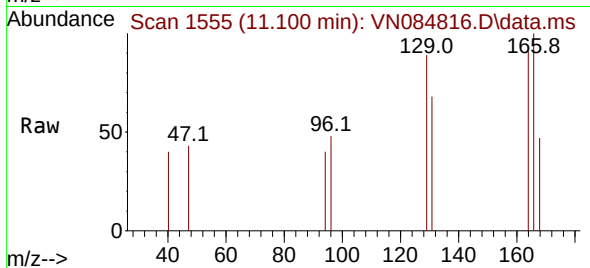
Tgt Ion: 117 Resp: 220388
Ion Ratio Lower Upper
117 100
82 53.8 47.2 70.8
119 32.1 25.4 38.0



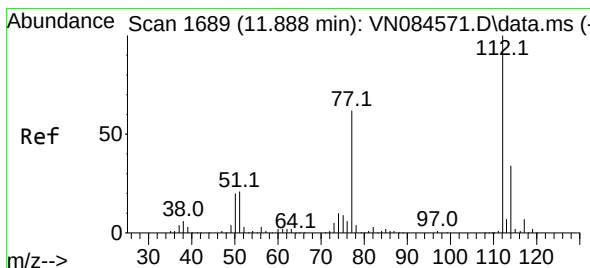
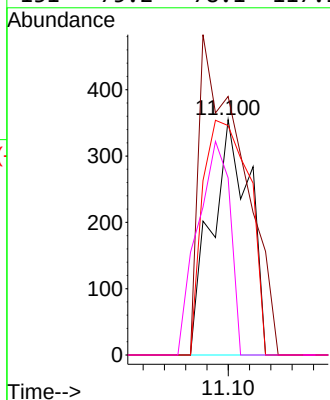
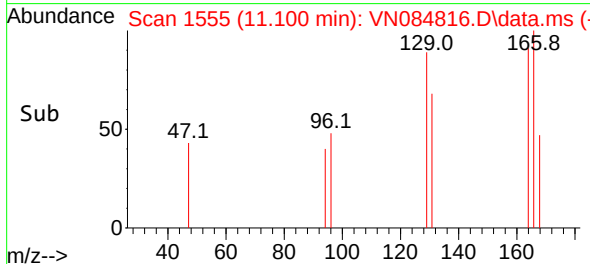


#64
Tetrachloroethene
Concen: 0.302 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

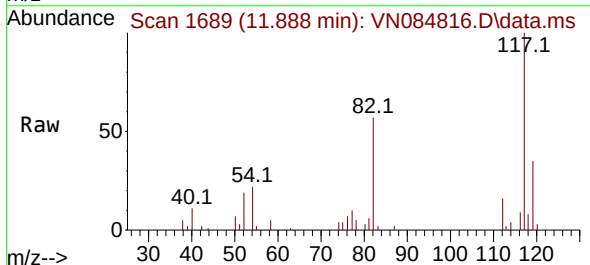
Instrument :
MSVOA_N
ClientSampleId :



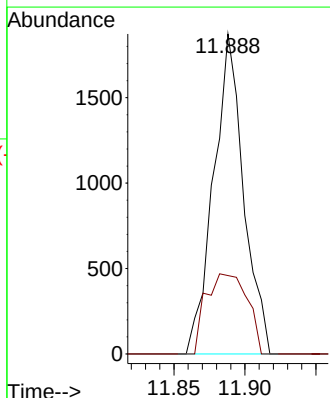
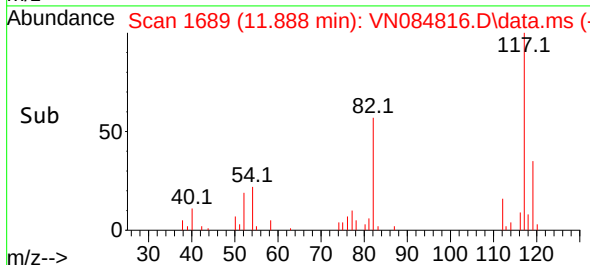
Tgt Ion:164 Resp: 442
Ion Ratio Lower Upper
164 100
166 109.9 101.0 151.4
129 97.5 80.8 121.2
131 75.2 78.1 117.1#

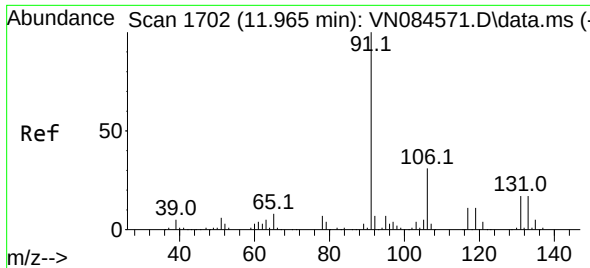


#65
Chlorobenzene
Concen: 0.559 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26



Tgt Ion:112 Resp: 2755
Ion Ratio Lower Upper
112 100
114 24.5 27.0 40.6#





#67

Ethyl Benzene

Concen: 0.361 ug/l

RT: 11.959 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

Instrument :

MSVOA_N

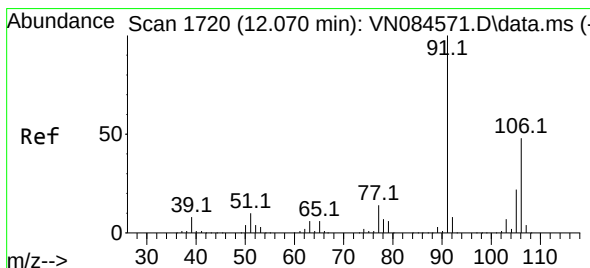
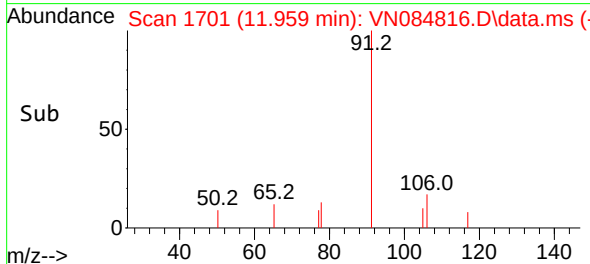
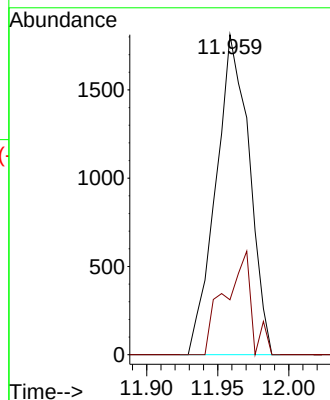
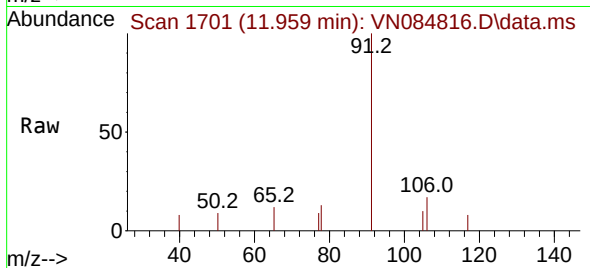
ClientSampleId :

Tgt Ion: 91 Resp: 2968

Ion Ratio Lower Upper

91 100

106 17.2 24.5 36.7#



#68

m/p-Xylenes

Concen: 0.768 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN084816.D

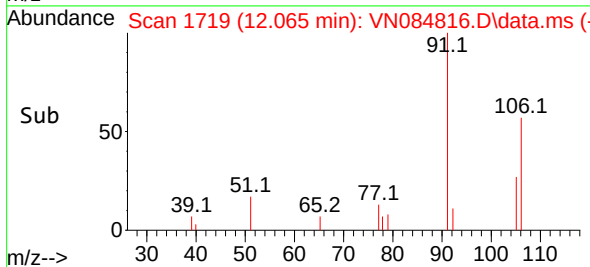
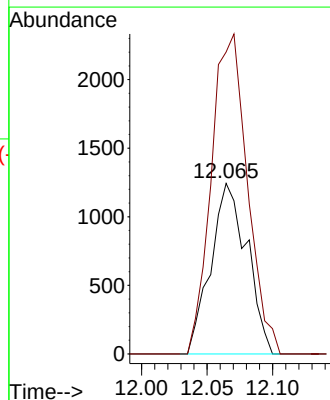
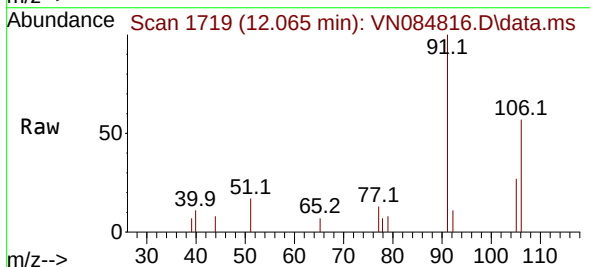
Acq: 13 Nov 2024 10:26

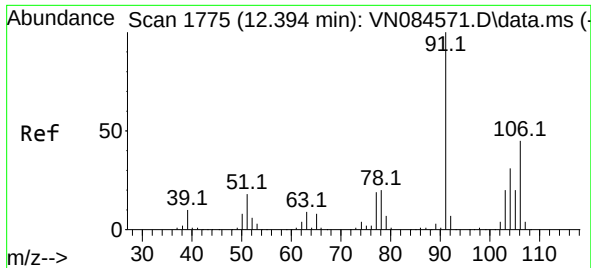
Tgt Ion: 106 Resp: 2393

Ion Ratio Lower Upper

106 100

91 186.7 167.1 250.7

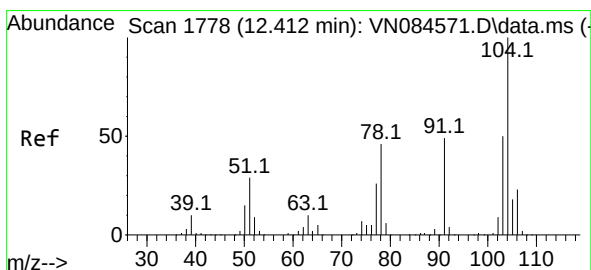
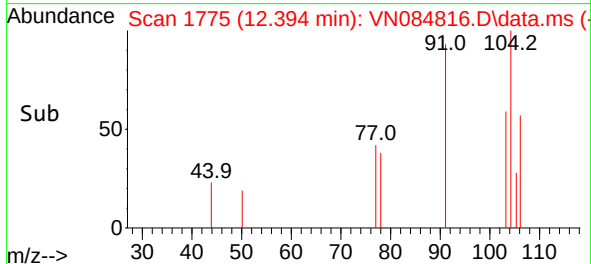
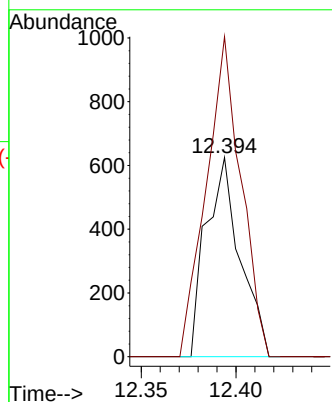
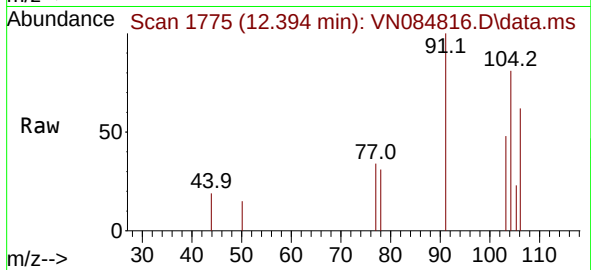




#69
o-Xylene
Concen: 0.269 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

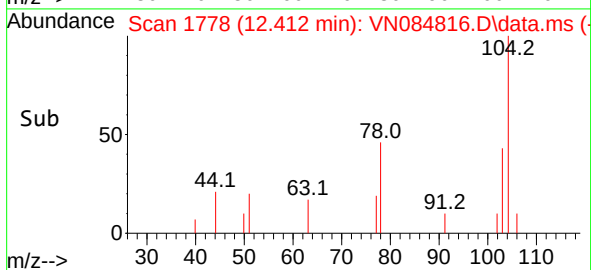
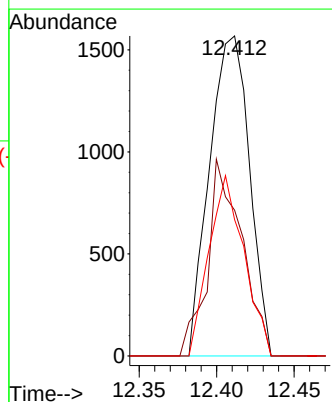
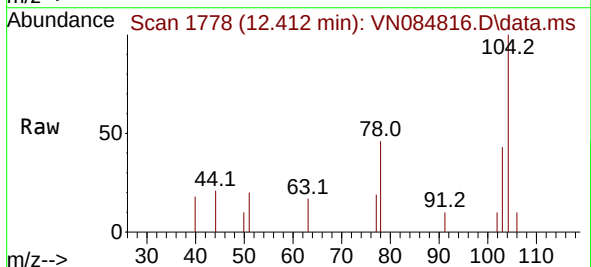
Instrument :
MSVOA_N
ClientSampleId :

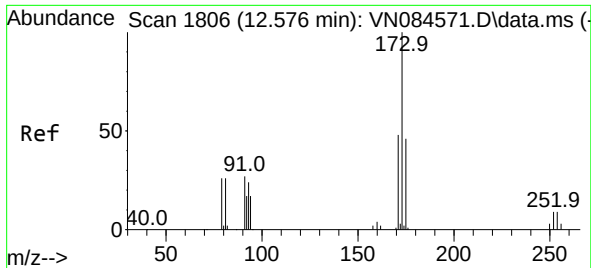
Tgt Ion:106 Resp: 783
Ion Ratio Lower Upper
106 100
91 164.0 110.2 330.6



#70
Styrene
Concen: 0.553 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Tgt Ion:104 Resp: 2813
Ion Ratio Lower Upper
104 100
78 52.6 42.7 64.1
103 49.5 43.6 65.4

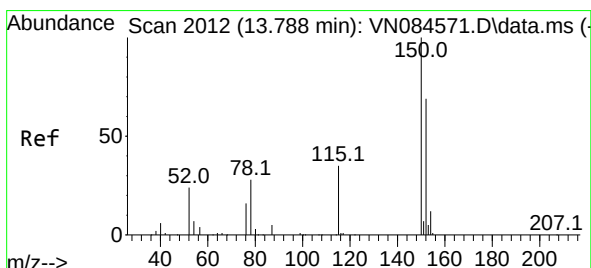
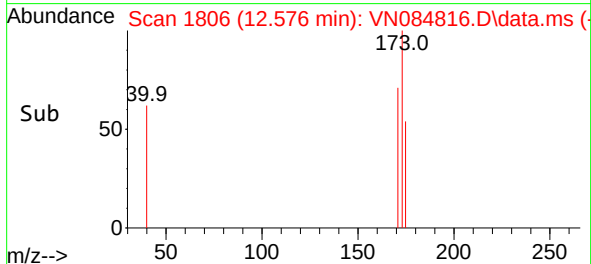
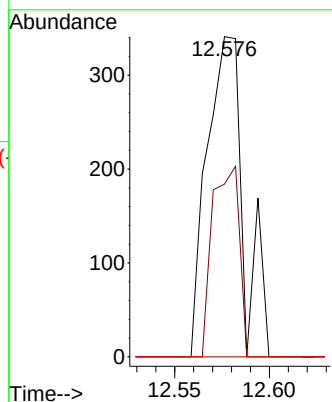
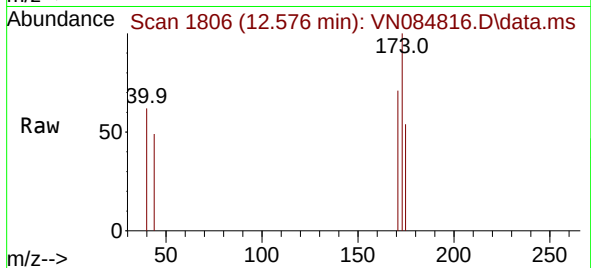




#71
Bromoform
Concen: 0.356 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

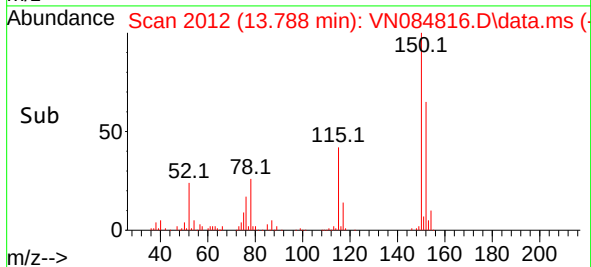
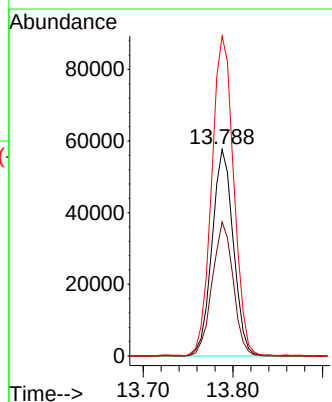
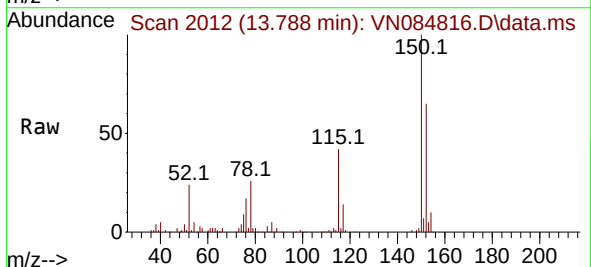
Instrument :
MSVOA_N
ClientSampleId :

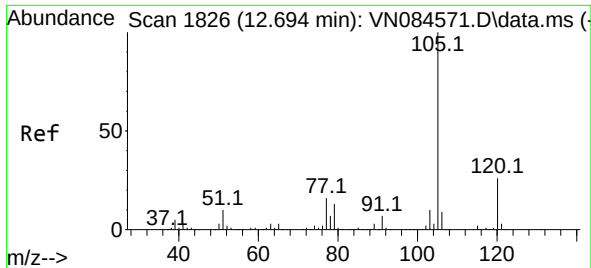
Tgt Ion:173 Resp: 459
Ion Ratio Lower Upper
173 100
175 43.4 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

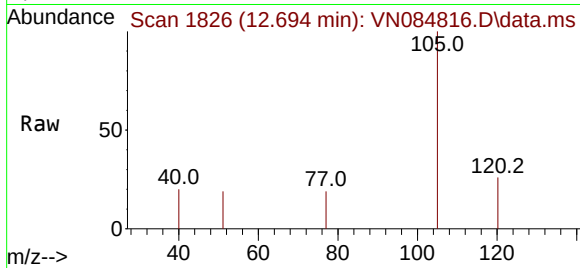
Tgt Ion:152 Resp: 95032
Ion Ratio Lower Upper
152 100
115 63.9 31.3 93.9
150 159.3 0.0 349.8



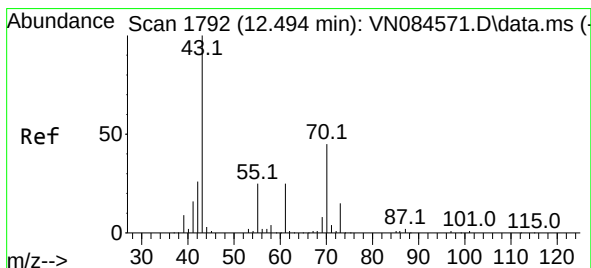
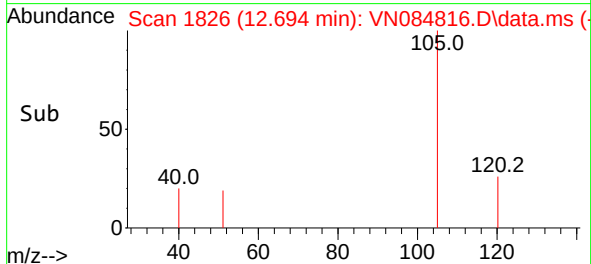
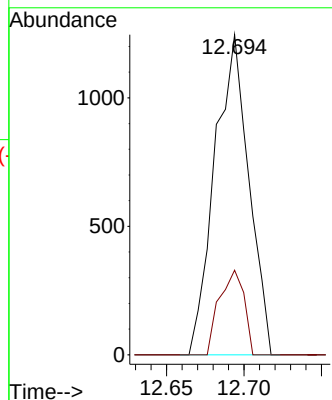


#73
Isopropylbenzene
Concen: 0.286 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :

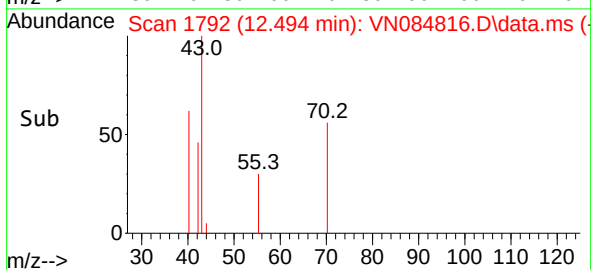
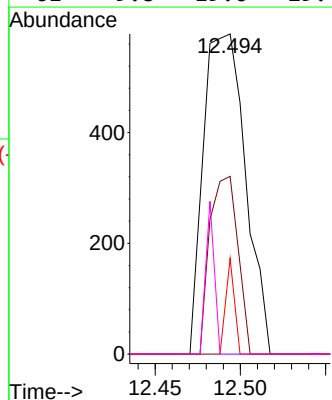
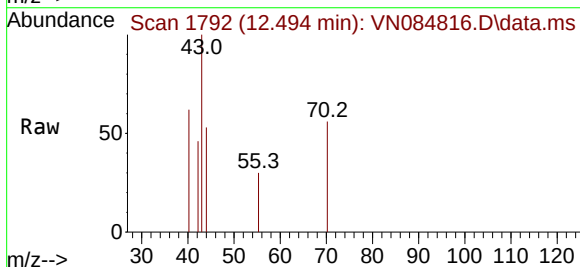


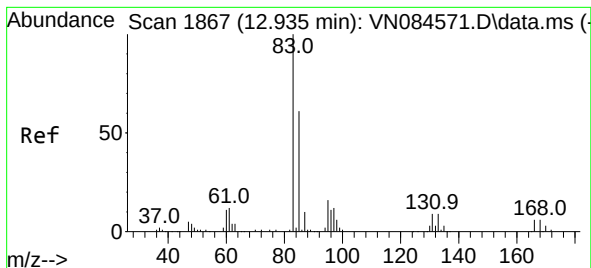
Tgt Ion:105 Resp: 1903
Ion Ratio Lower Upper
105 100
120 19.1 12.9 38.7



#74
N-ethyl acetate
Concen: 0.350 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
70 36.9 34.4 51.6
55 6.1 19.6 29.4#
61 9.8 19.6 29.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.395 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

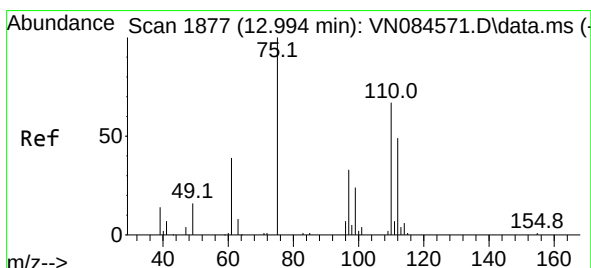
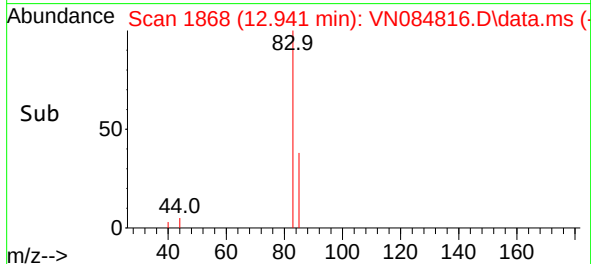
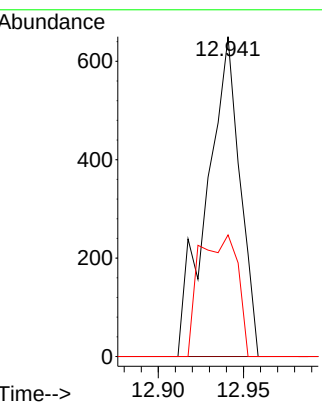
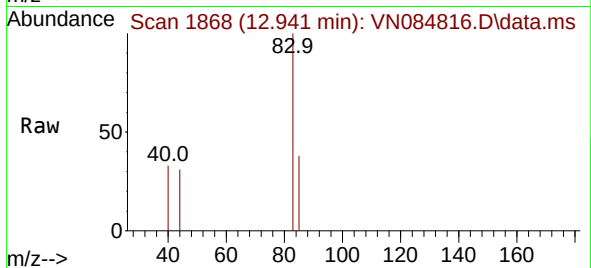
Tgt Ion: 83 Resp: 878

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 43.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 0.898 ug/l

RT: 12.970 min Scan# 1873

Delta R.T. -0.018 min

Lab File: VN084816.D

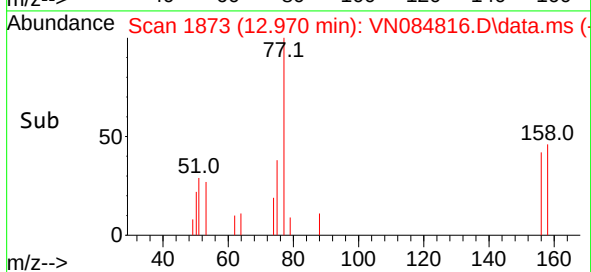
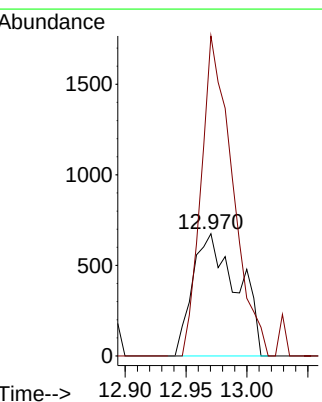
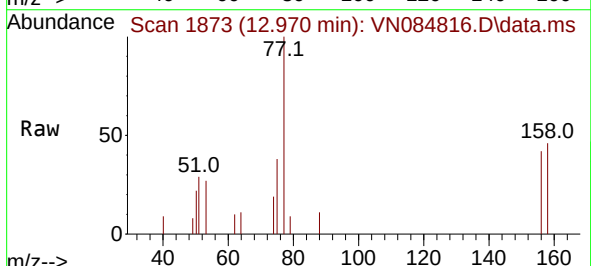
Acq: 13 Nov 2024 10:26

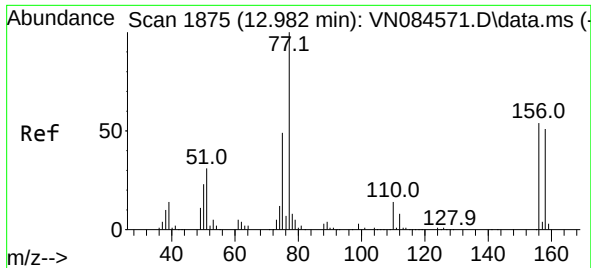
Tgt Ion: 75 Resp: 1706

Ion Ratio Lower Upper

75 100

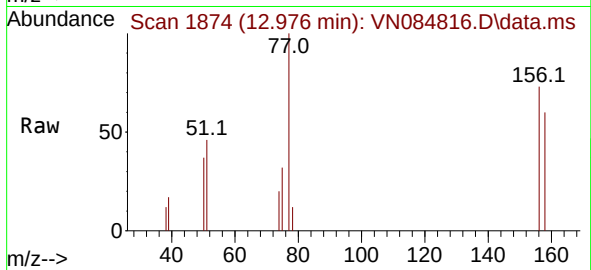
77 185.8 96.9 290.7



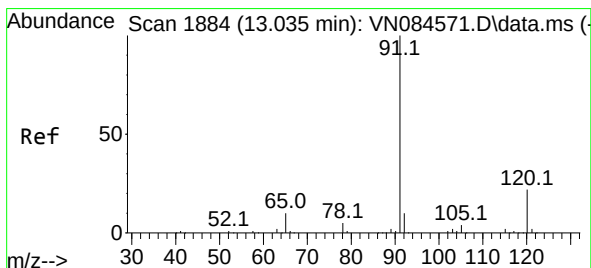
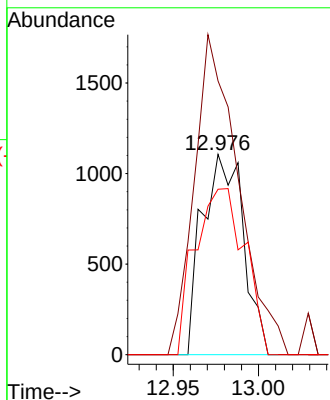
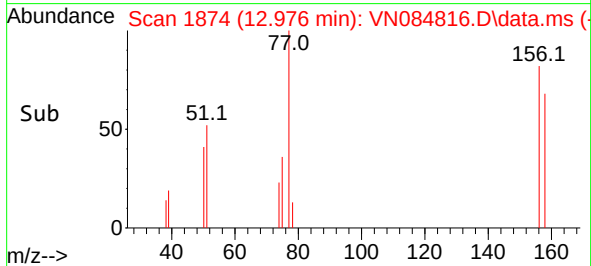


#77
Bromobenzene
Concen: 1.037 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :

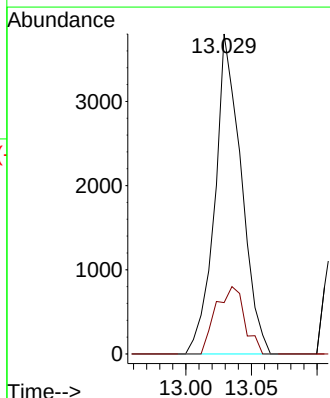
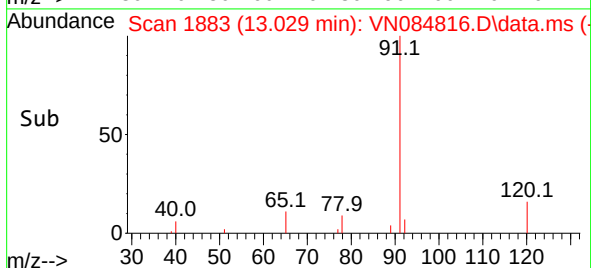
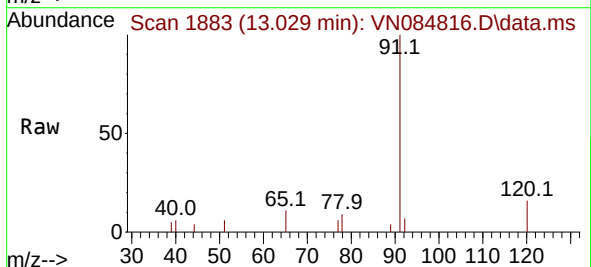


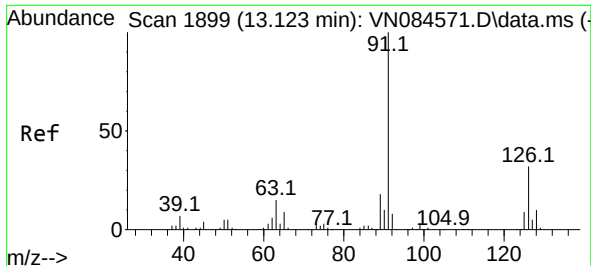
Tgt Ion:156 Resp: 1856
Ion Ratio Lower Upper
156 100
77 170.7 115.1 345.3
158 100.2 48.9 146.8



#78
n-propylbenzene
Concen: 0.680 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Tgt Ion: 91 Resp: 5310
Ion Ratio Lower Upper
91 100
120 23.0 10.8 32.4





#79

2-Chlorotoluene

Concen: 0.632 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

Instrument :

MSVOA_N

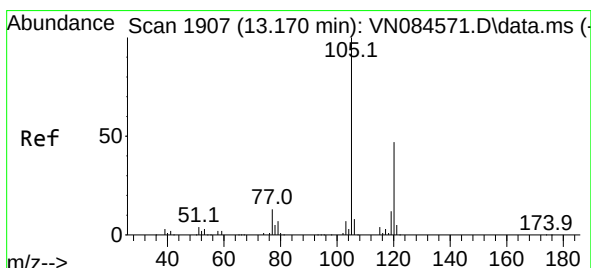
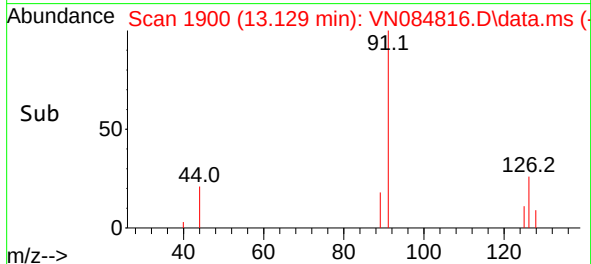
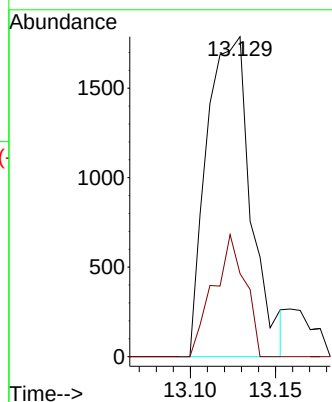
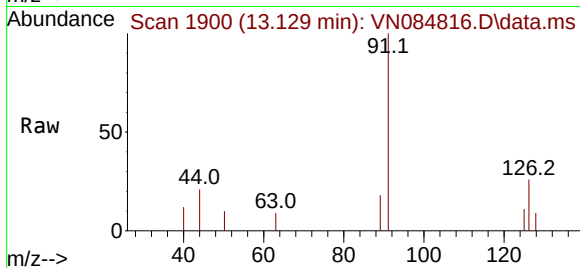
ClientSampleId :

Tgt Ion: 91 Resp: 3223

Ion Ratio Lower Upper

91 100

126 27.3 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 0.326 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084816.D

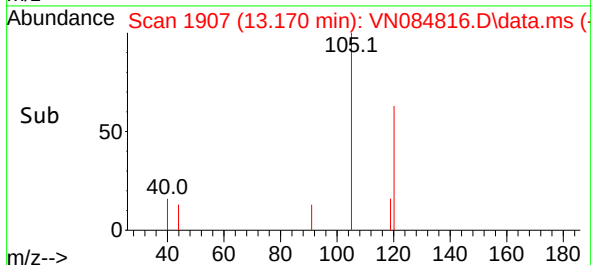
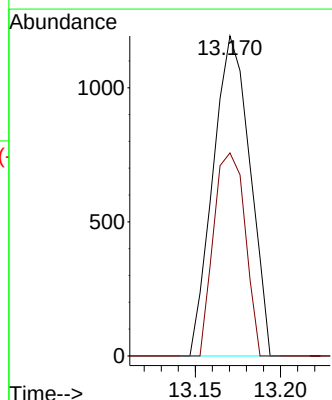
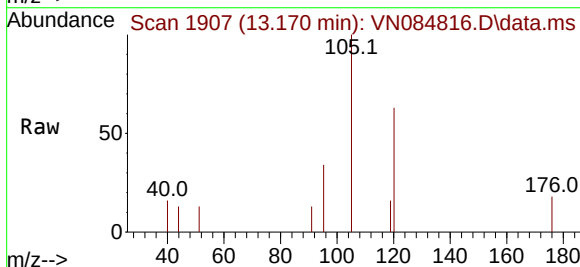
Acq: 13 Nov 2024 10:26

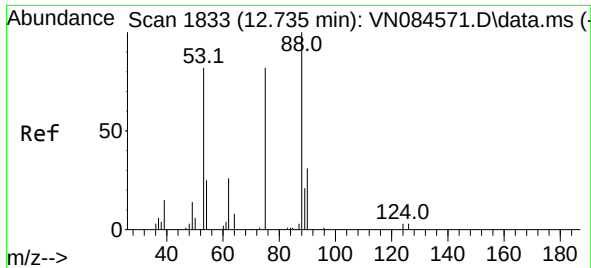
Tgt Ion:105 Resp: 1797

Ion Ratio Lower Upper

105 100

120 54.1 23.7 71.1

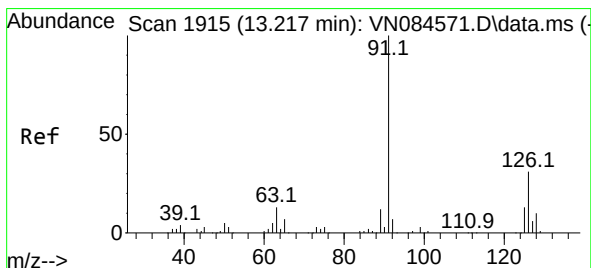
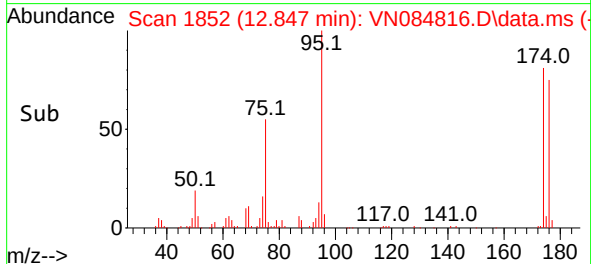
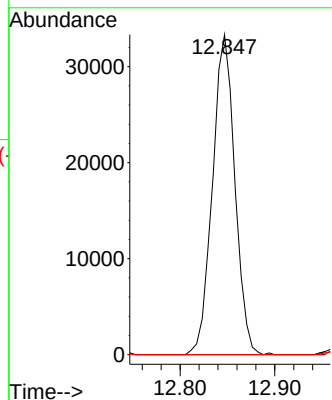
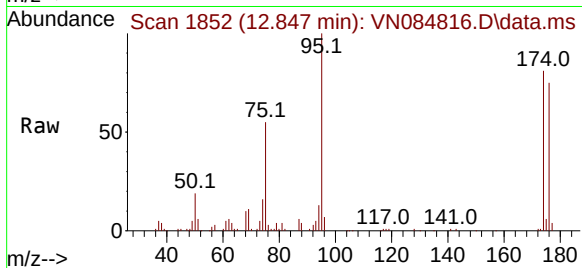




#81
trans-1,4-Dichloro-2-butene
Concen: 68.338 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

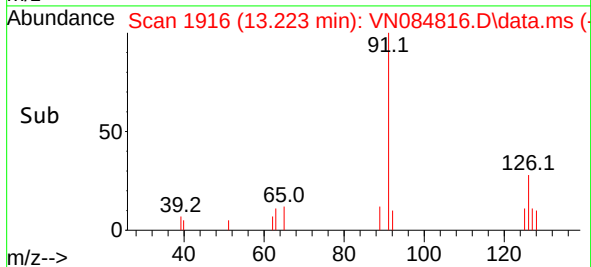
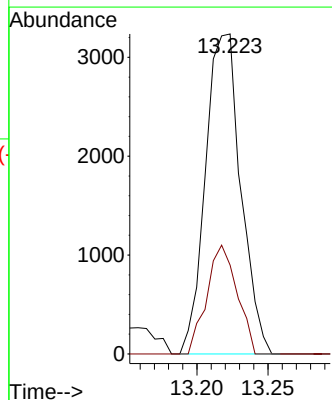
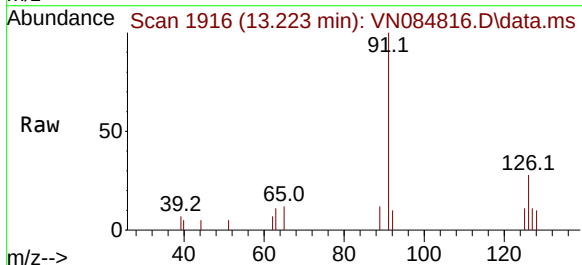
Instrument :
MSVOA_N
ClientSampleId :

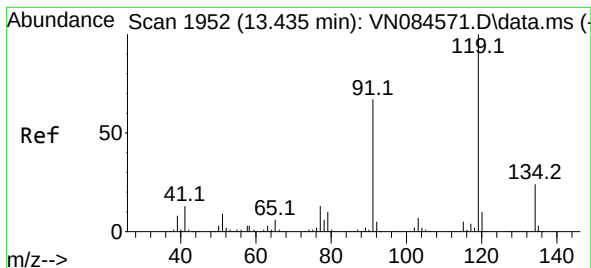
Tgt Ion: 75 Resp: 54720
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#82
4-Chlorotoluene
Concen: 1.044 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

Tgt Ion: 91 Resp: 5603
Ion Ratio Lower Upper
91 100
126 29.1 15.7 47.1





#83

tert-Butylbenzene

Concen: 0.278 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

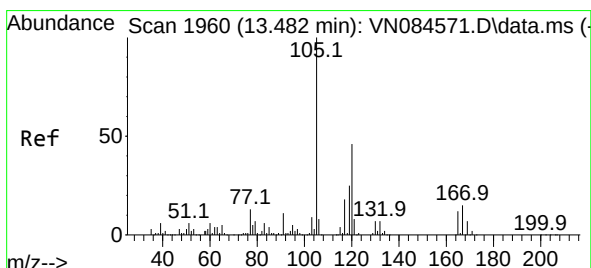
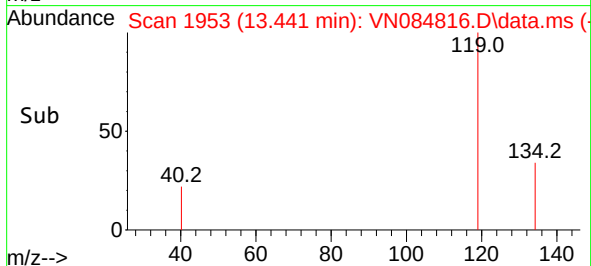
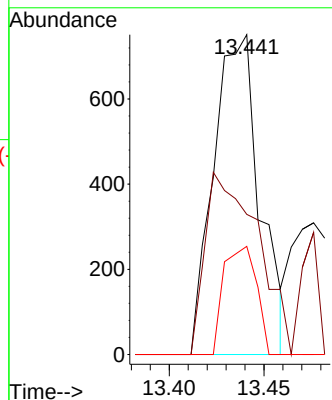
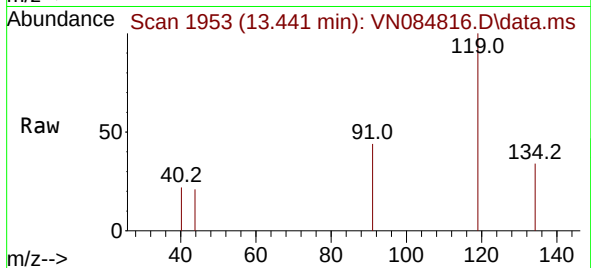
Tgt Ion:119 Resp: 1272

Ion Ratio Lower Upper

119 100

91 64.8 34.1 102.3

134 24.1 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 0.361 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN084816.D

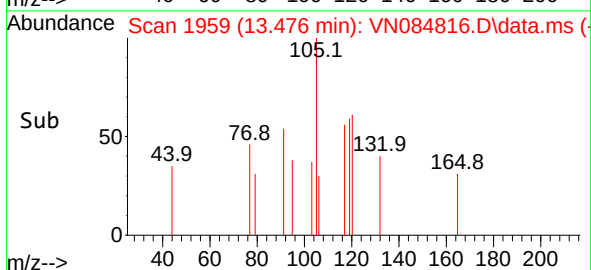
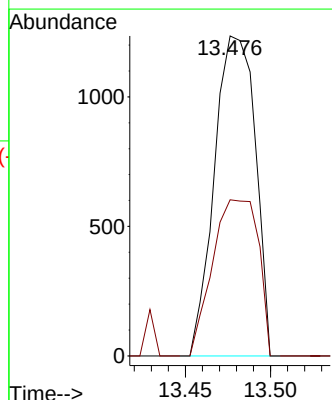
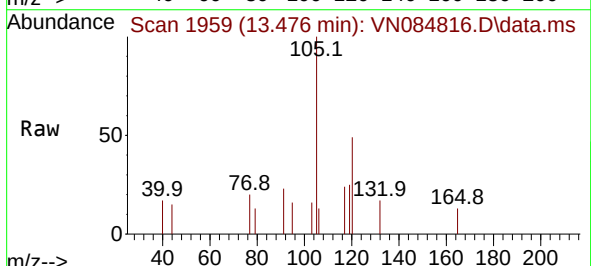
Acq: 13 Nov 2024 10:26

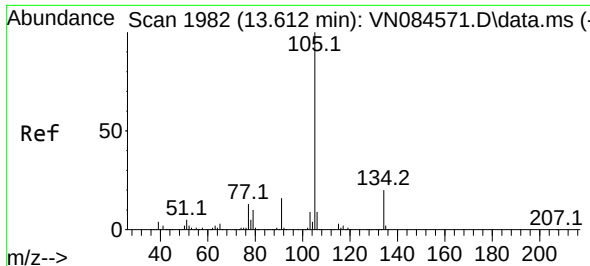
Tgt Ion:105 Resp: 2059

Ion Ratio Lower Upper

105 100

120 54.7 22.3 66.8

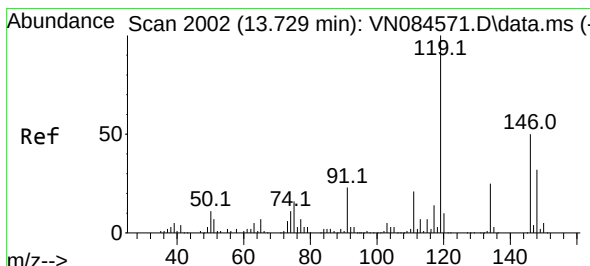
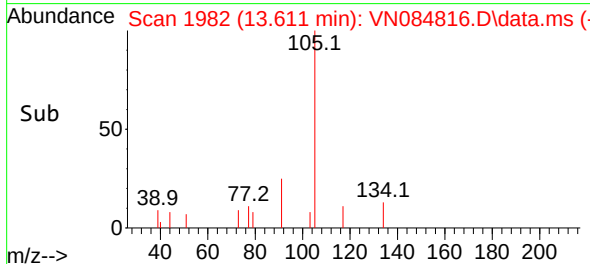
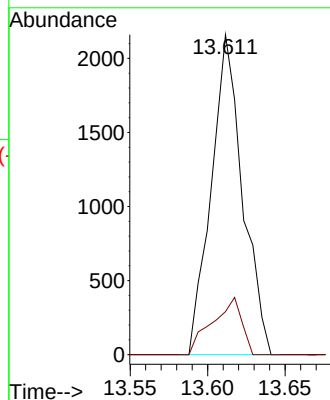
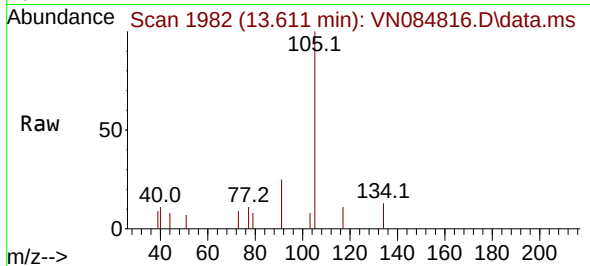




#85
 sec-Butylbenzene
 Concen: 0.470 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN084816.D
 Acq: 13 Nov 2024 10:26

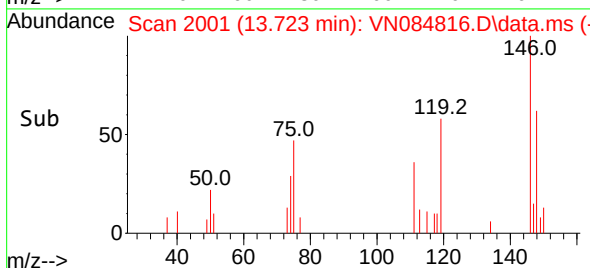
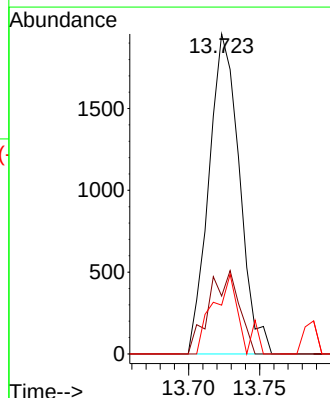
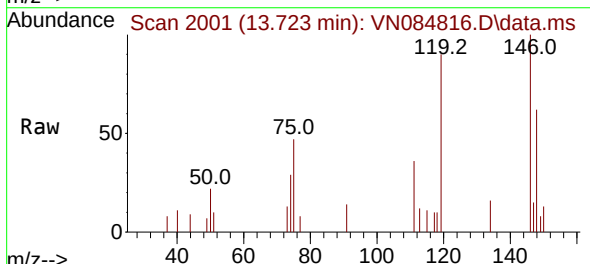
Instrument :
 MSVOA_N
 ClientSampleId :

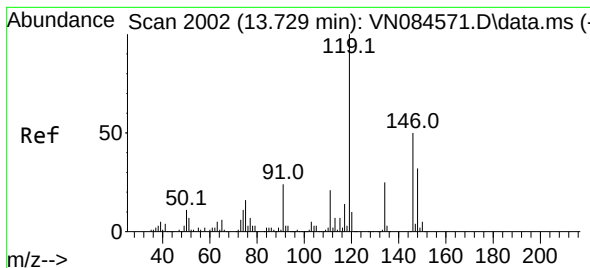
Tgt Ion:105 Resp: 3035
 Ion Ratio Lower Upper
 105 100
 134 16.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.552 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN084816.D
 Acq: 13 Nov 2024 10:26

Tgt Ion:119 Resp: 2923
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 21.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 1.391 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084816.D

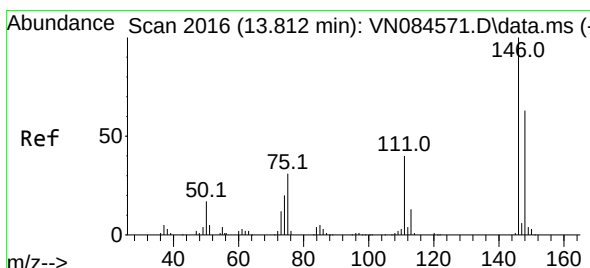
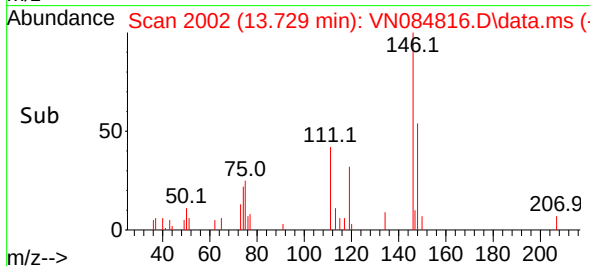
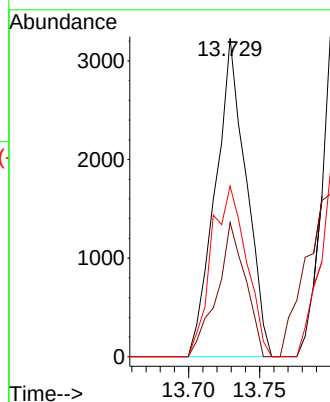
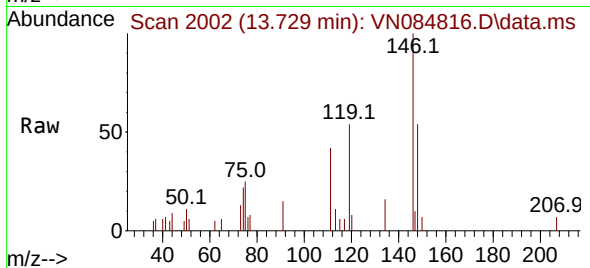
Acq: 13 Nov 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	4861
Ion Ratio	Lower	Upper	
146	100		
111	39.0	21.8	65.3
148	61.0	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 1.290 ug/l

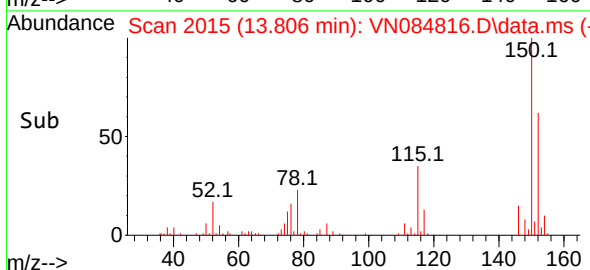
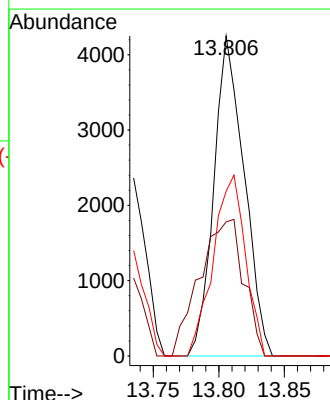
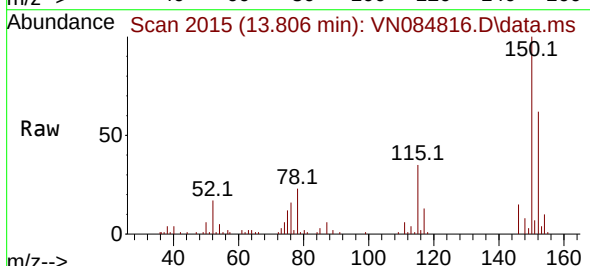
RT: 13.806 min Scan# 2015

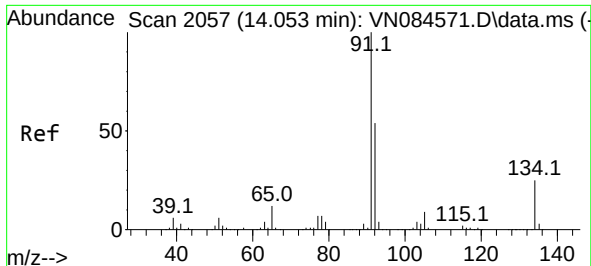
Delta R.T. -0.006 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

Tgt Ion:	146	Resp:	6834
Ion Ratio	Lower	Upper	
146	100		
111	62.0	21.2	63.6
148	60.1	31.9	95.9





#89

n-Butylbenzene

Concen: 1.294 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084816.D

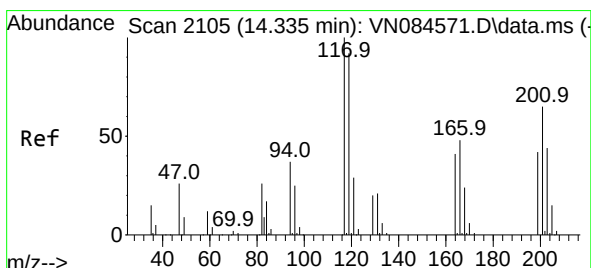
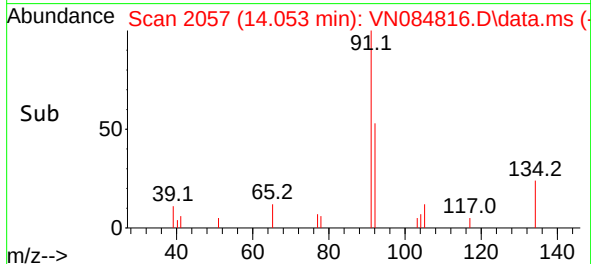
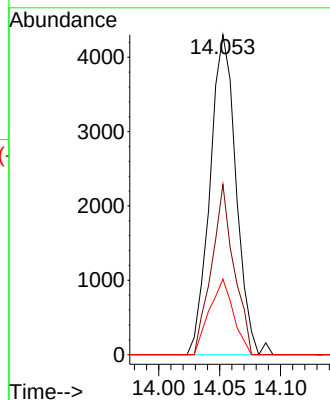
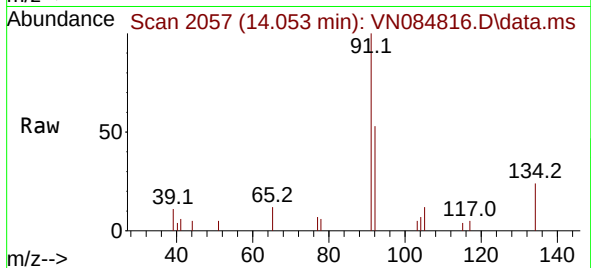
Acq: 13 Nov 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	6407
Ion	Ratio	Lower	Upper
91	100		
92	45.6	26.6	79.7
134	21.8	12.3	36.9



#90

Hexachloroethane

Concen: 0.305 ug/l

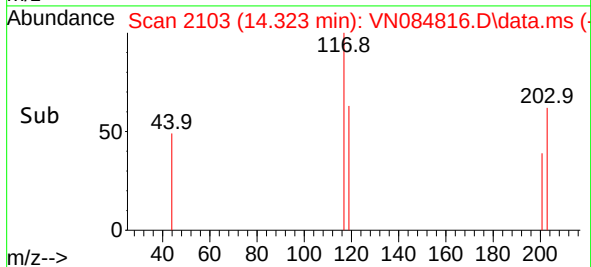
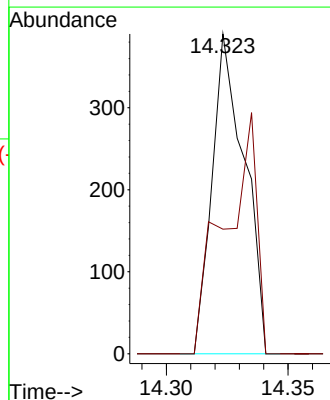
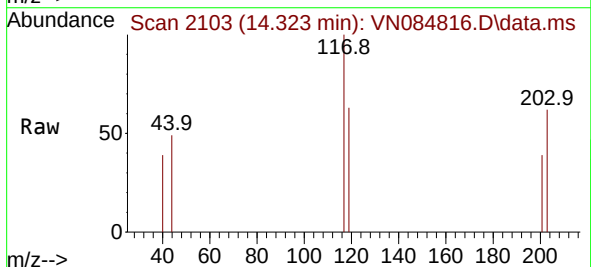
RT: 14.323 min Scan# 2103

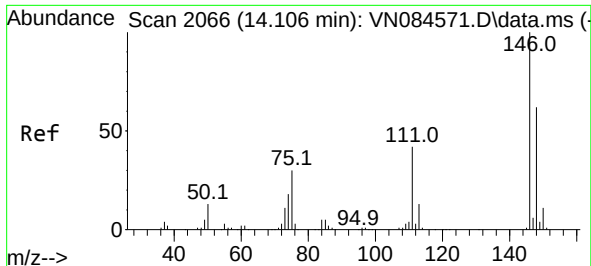
Delta R.T. -0.006 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

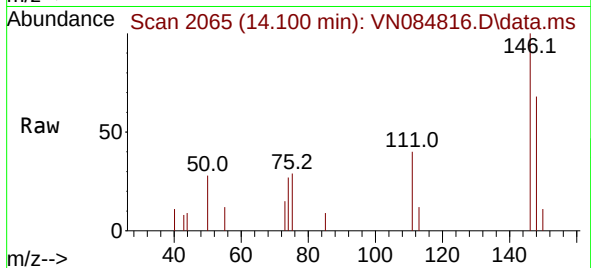
Tgt Ion:	117	Resp:	360
Ion	Ratio	Lower	Upper
117	100		
201	74.4	34.4	103.2



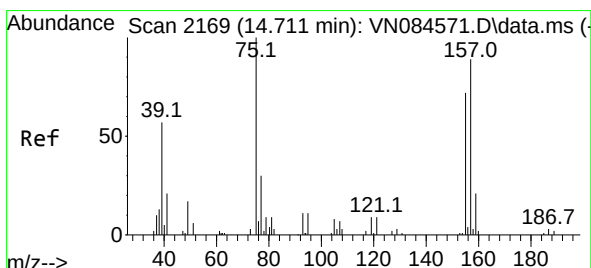
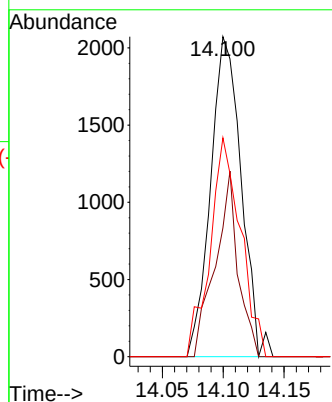
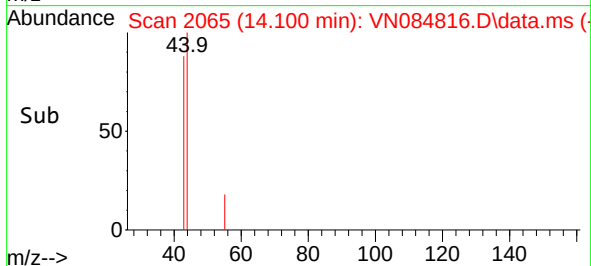


#91
1,2-Dichlorobenzene
Concen: 1.079 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26

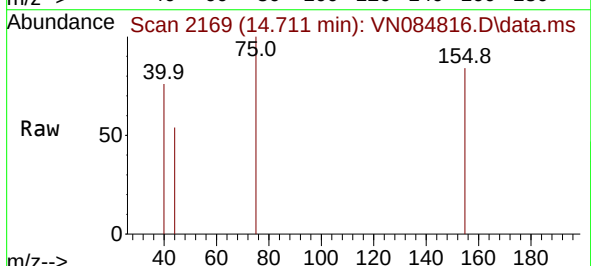
Instrument :
MSVOA_N
ClientSampleId :



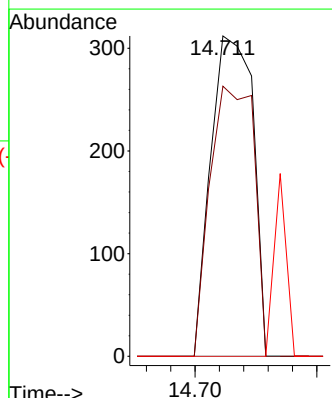
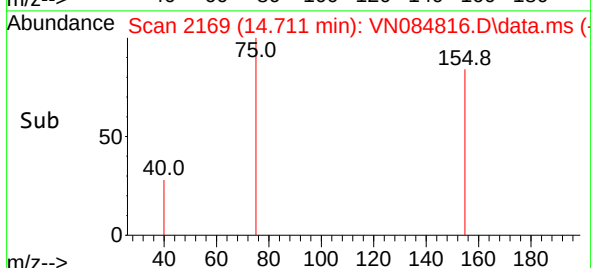
Tgt Ion:146 Resp: 3623
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 68.2 32.1 96.3

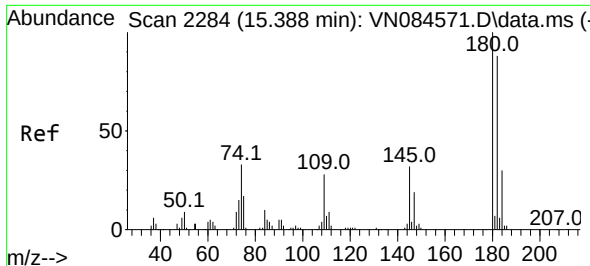


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.833 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN084816.D
Acq: 13 Nov 2024 10:26



Tgt Ion: 75 Resp: 375
Ion Ratio Lower Upper
75 100
155 87.5 38.1 114.5
157 0.0 49.6 149.0#

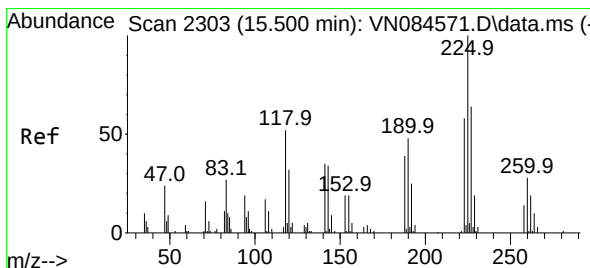
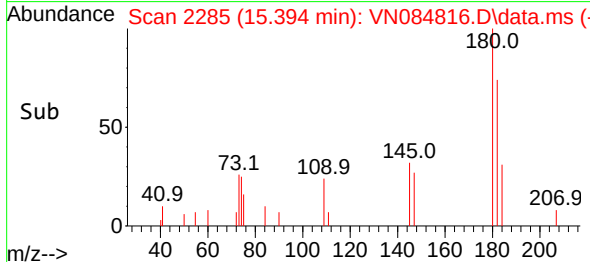
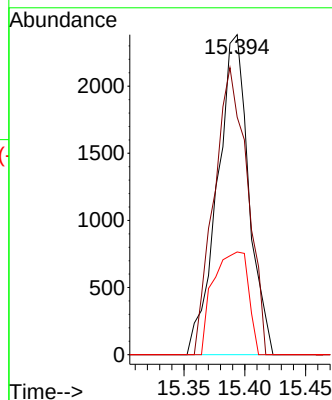
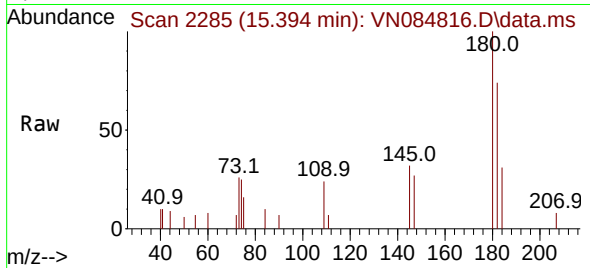




#93
 1,2,4-Trichlorobenzene
 Concen: 2.332 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084816.D
 Acq: 13 Nov 2024 10:26

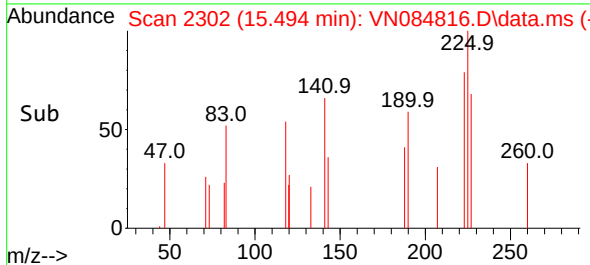
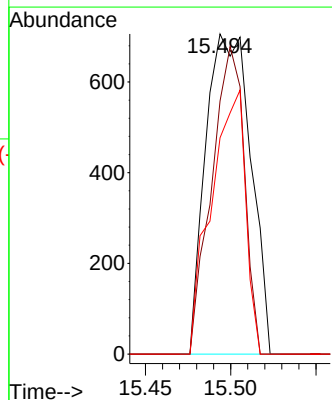
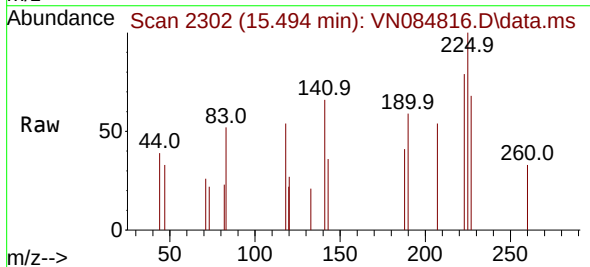
Instrument :
 MSVOA_N
 ClientSampleId :

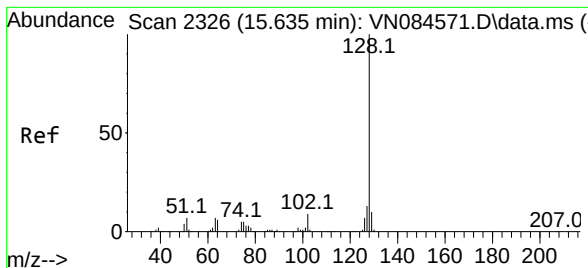
Tgt Ion:180 Resp: 4285
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.0 141.0
 145 35.7 16.4 49.4



#94
 Hexachlorobutadiene
 Concen: 1.601 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN084816.D
 Acq: 13 Nov 2024 10:26

Tgt Ion:225 Resp: 1292
 Ion Ratio Lower Upper
 225 100
 223 70.0 32.4 97.2
 227 63.1 32.4 97.0





#95

Naphthalene

Concen: 2.167 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084816.D

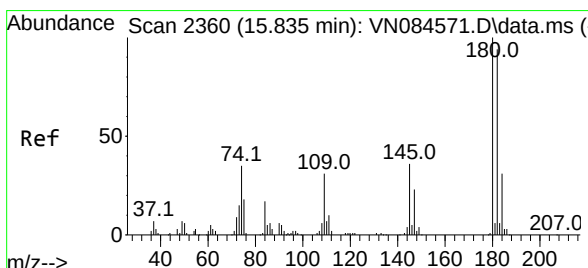
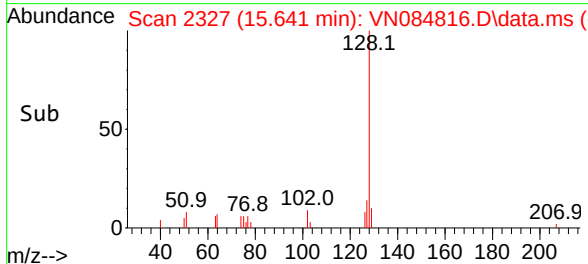
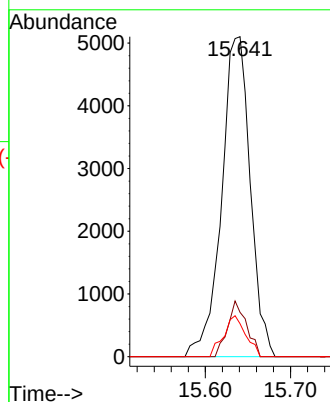
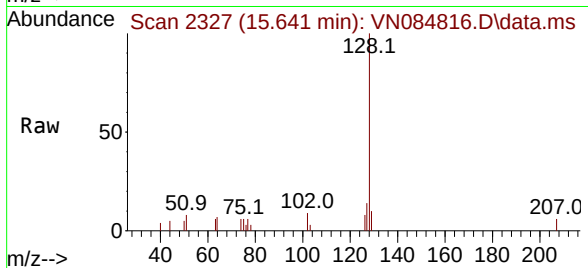
Acq: 13 Nov 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	11917
Ion Ratio	Lower	Upper
128	100	
127	11.5	10.5 15.7
129	9.9	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.367 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084816.D

Acq: 13 Nov 2024 10:26

Tgt Ion:180	Resp:	4222
Ion Ratio	Lower	Upper
180	100	
182	99.5	48.2 144.6
145	32.9	17.3 51.9

