

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081135.D
 Acq On : 22 Feb 2024 15:11
 Operator : JC\MD
 Sample : P1546-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1332

Quant Time: Feb 23 04:26:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

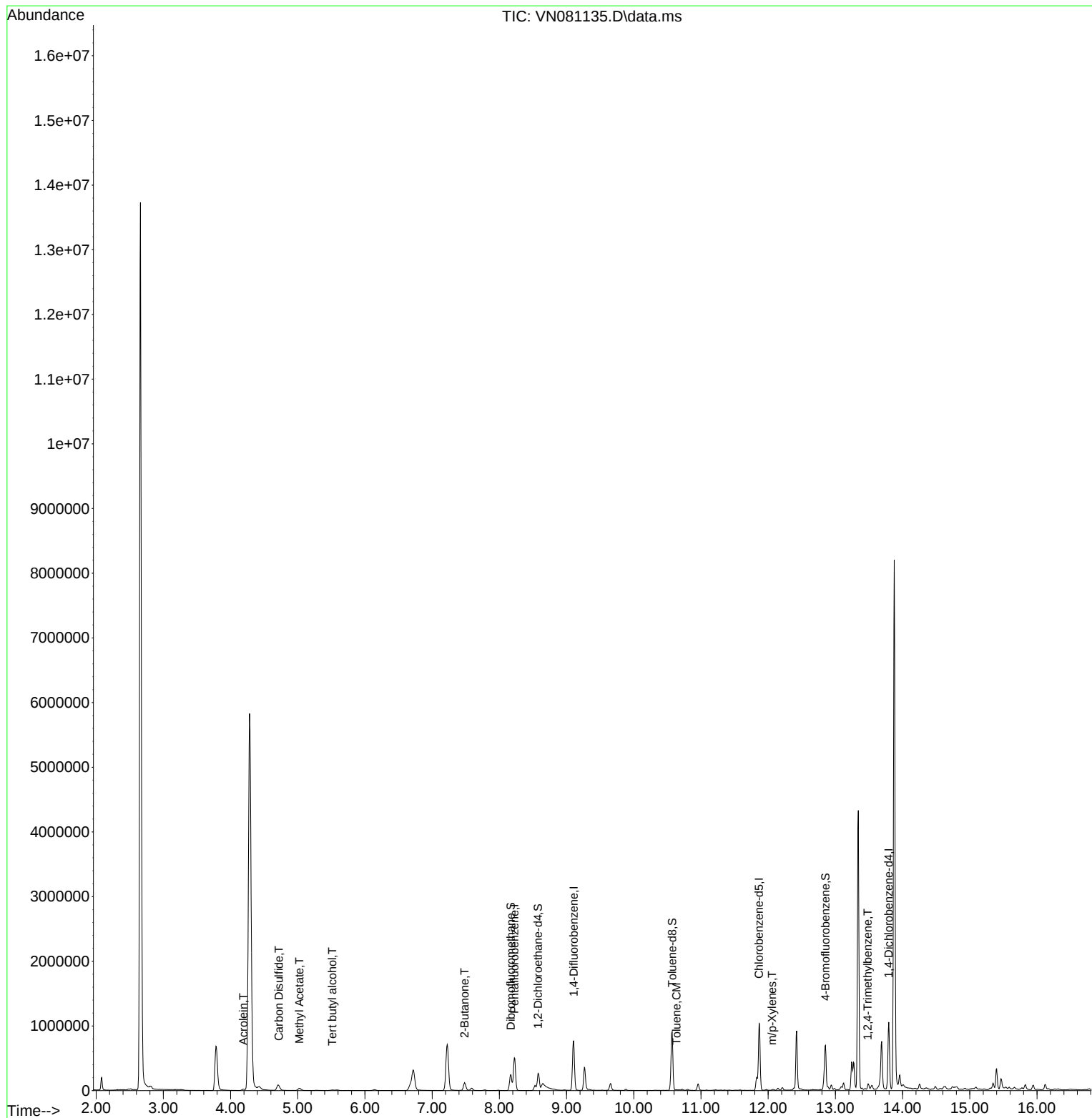
Internal Standards						
1) Pentafluorobenzene	8.224	168	362824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	679848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	604859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	213063	47.909	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.820%		
35) Dibromofluoromethane	8.171	113	178834	46.519	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.040%		
50) Toluene-d8	10.570	98	600165	43.955	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.920%		
62) 4-Bromofluorobenzene	12.853	95	232705	45.357	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.720%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.512	59	16669	20.381	ug/l #	92
13) Acrolein	4.189	56	27437	62.591	ug/l	98
17) Carbon Disulfide	4.718	76	6838	0.597	ug/l	97
18) Methyl Acetate	5.024	43	67113	15.722	ug/l #	89
25) 2-Butanone	7.482	43	188402	66.644	ug/l	97
52) Toluene	10.635	92	3755	0.311	ug/l	99
68) m/p-Xylenes	12.059	106	3936	0.438	ug/l	87
84) 1,2,4-Trimethylbenzene	13.482	105	8789	0.462	ug/l	90

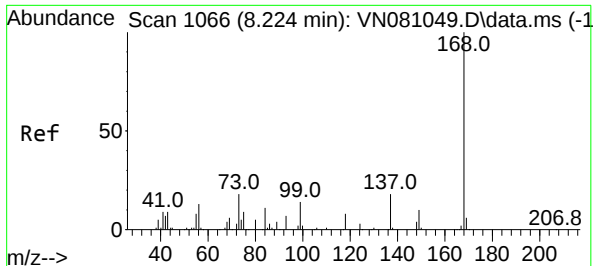
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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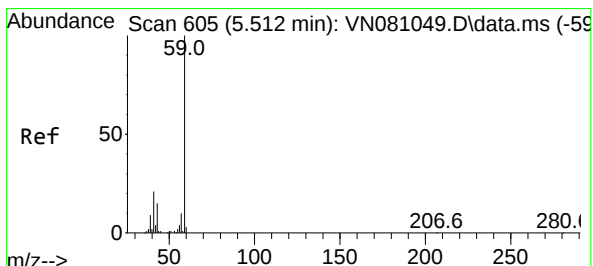
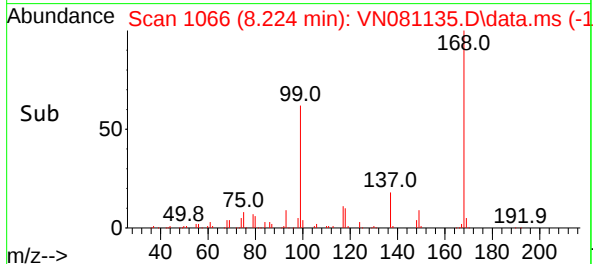
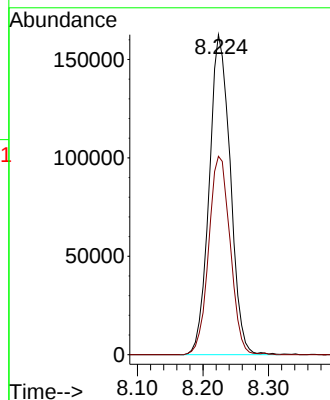
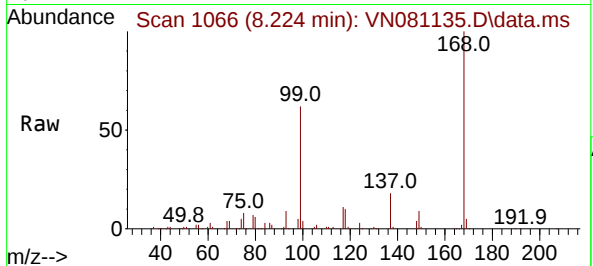




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081135.D
Acq: 22 Feb 2024 15:11

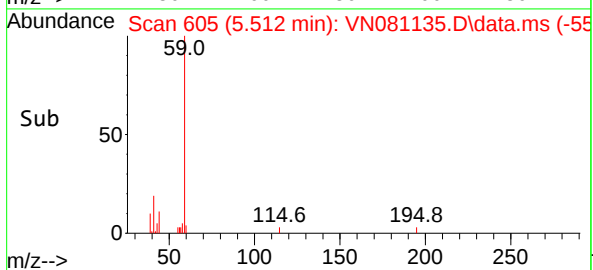
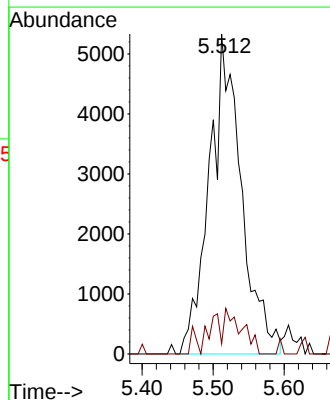
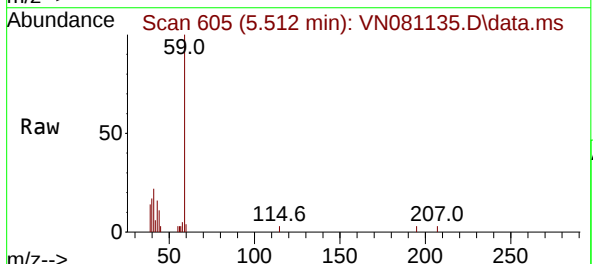
Instrument :
MSVOA_N
ClientSampleId :
1332

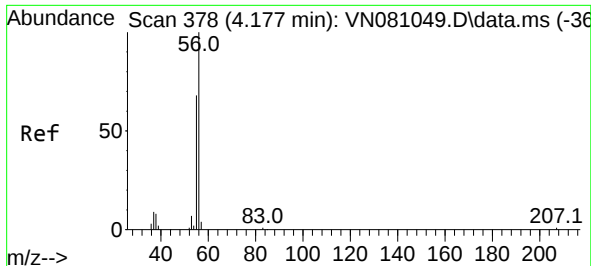
Tgt Ion:168 Resp: 362824
Ion Ratio Lower Upper
168 100
99 62.0 59.9 89.9



#11
Tert butyl alcohol
Concen: 20.381 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081135.D
Acq: 22 Feb 2024 15:11

Tgt Ion: 59 Resp: 16669
Ion Ratio Lower Upper
59 100
57 7.7 8.6 12.8#





#13

Acrolein

Concen: 62.591 ug/l

RT: 4.189 min Scan# 378

Delta R.T. 0.012 min

Lab File: VN081135.D

Acq: 22 Feb 2024 15:11

Instrument :

MSVOA_N

ClientSampleId :

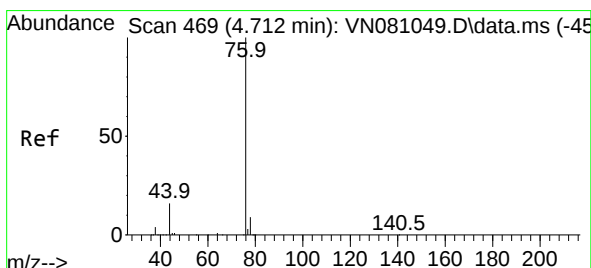
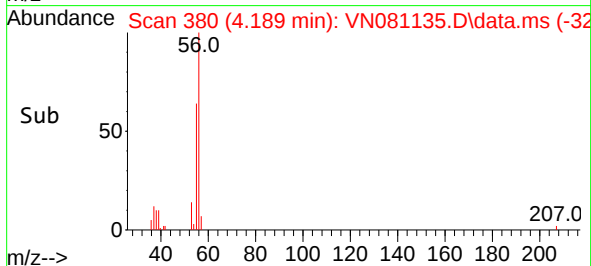
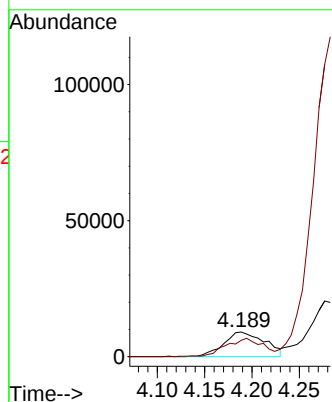
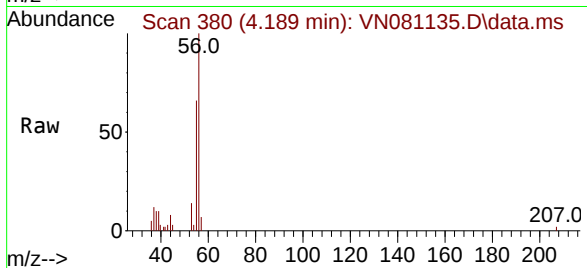
1332

Tgt Ion: 56 Resp: 27437

Ion Ratio Lower Upper

56 100

55 67.3 55.3 82.9



#17

Carbon Disulfide

Concen: 0.597 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN081135.D

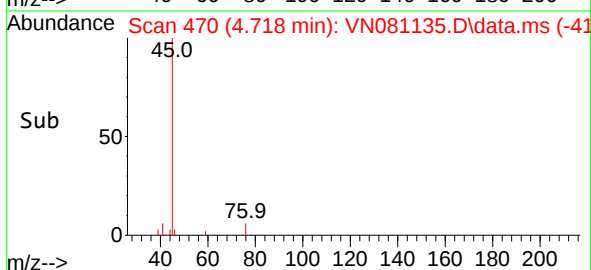
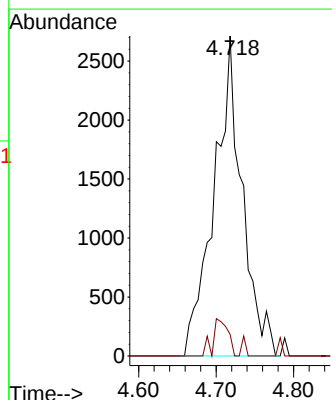
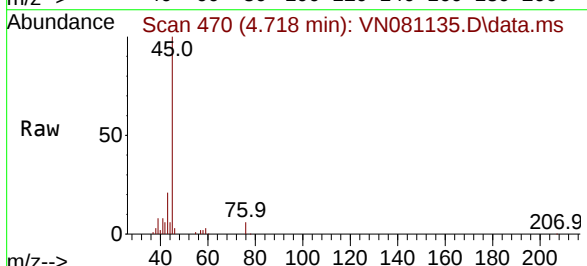
Acq: 22 Feb 2024 15:11

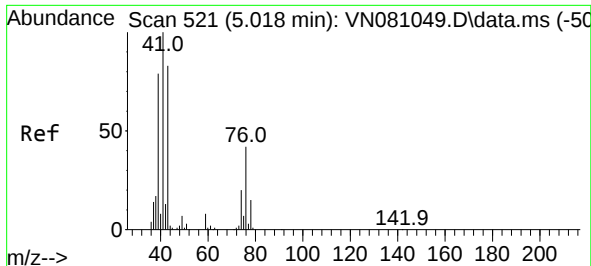
Tgt Ion: 76 Resp: 6838

Ion Ratio Lower Upper

76 100

78 6.8 6.3 9.5

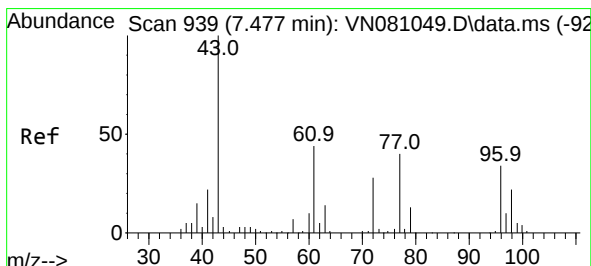
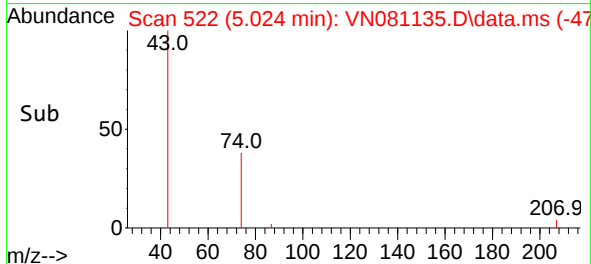
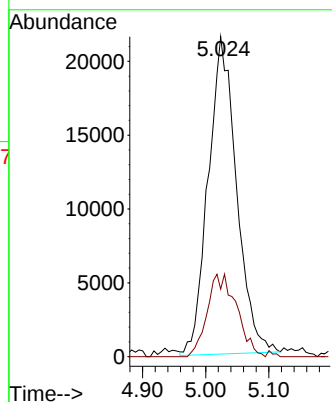
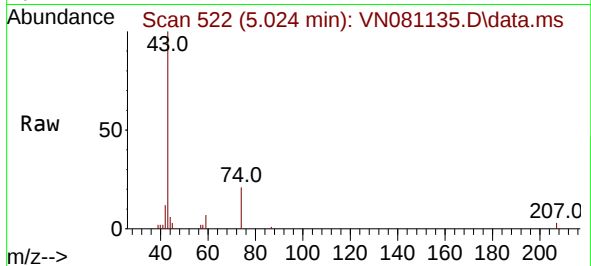




#18
Methyl Acetate
Concen: 15.722 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081135.D
Acq: 22 Feb 2024 15:11

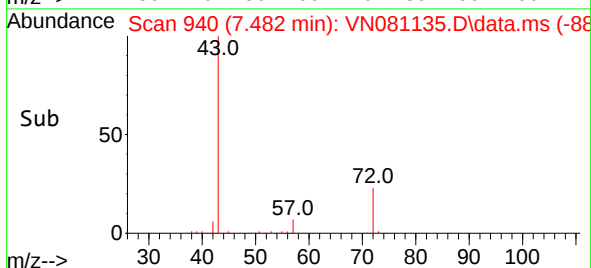
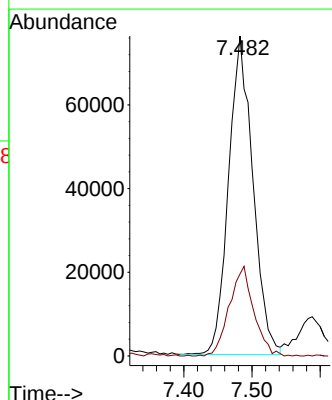
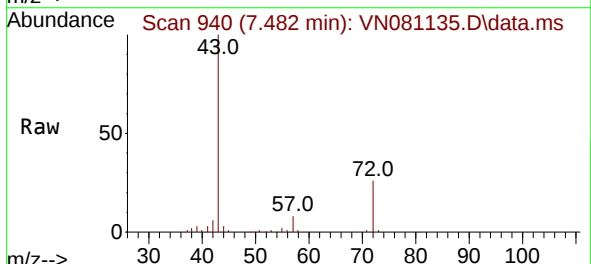
Instrument :
MSVOA_N
ClientSampleId :
1332

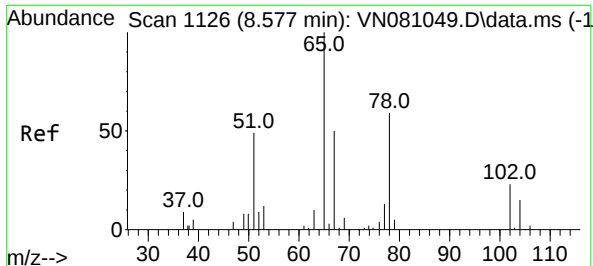
Tgt Ion: 43 Resp: 67113
Ion Ratio Lower Upper
43 100
74 26.9 17.3 25.9#



#25
2-Butanone
Concen: 66.644 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081135.D
Acq: 22 Feb 2024 15:11

Tgt Ion: 43 Resp: 188402
Ion Ratio Lower Upper
43 100
72 25.8 19.5 29.3





#33

1,2-Dichloroethane-d4

Concen: 47.909 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081135.D

Acq: 22 Feb 2024 15:11

Instrument :

MSVOA_N

ClientSampleId :

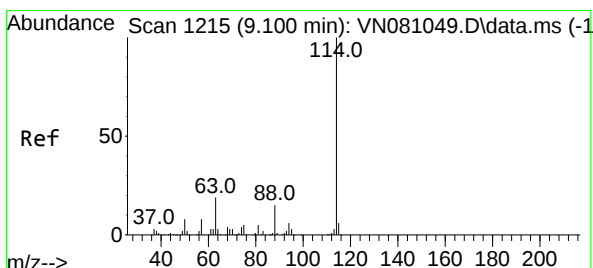
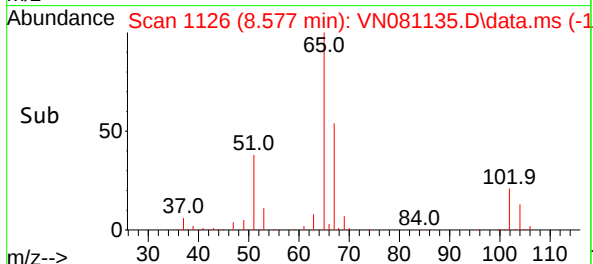
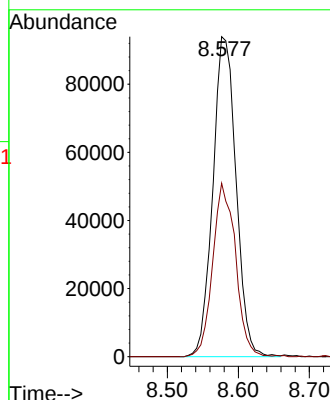
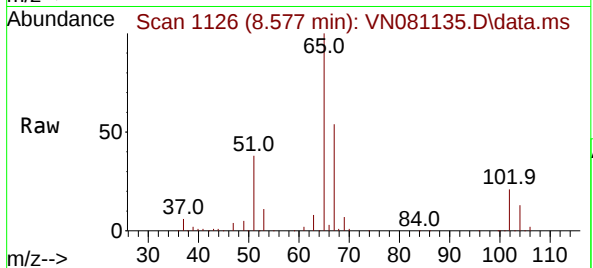
1332

Tgt Ion: 65 Resp: 213063

Ion Ratio Lower Upper

65 100

67 53.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081135.D

Acq: 22 Feb 2024 15:11

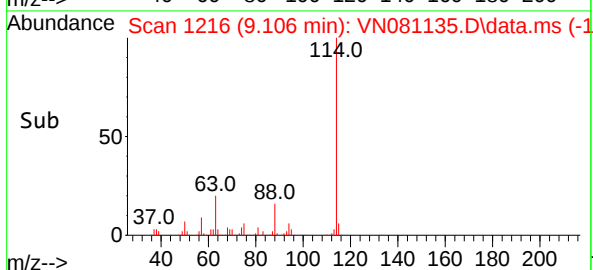
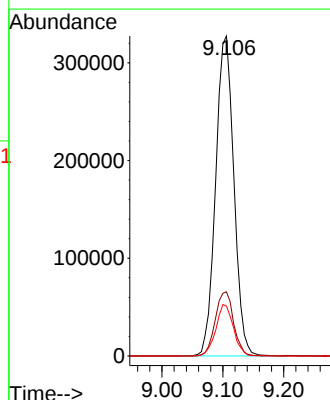
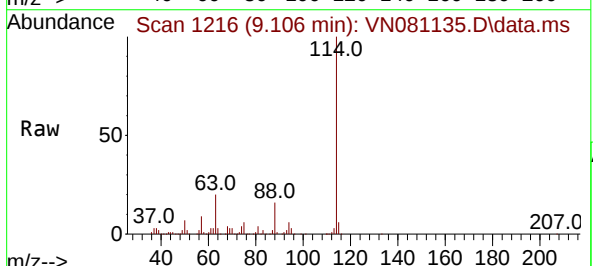
Tgt Ion: 114 Resp: 679848

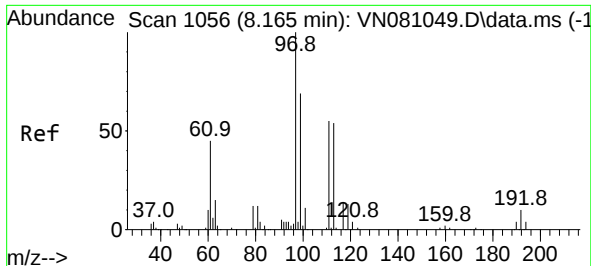
Ion Ratio Lower Upper

114 100

63 20.1 0.0 48.0

88 15.6 0.0 34.8

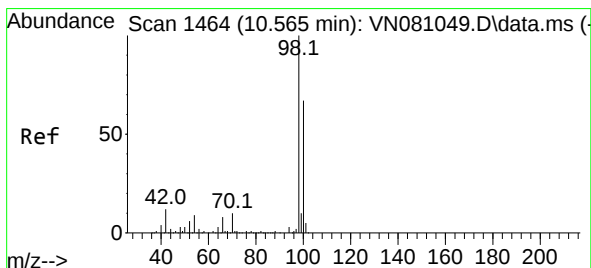
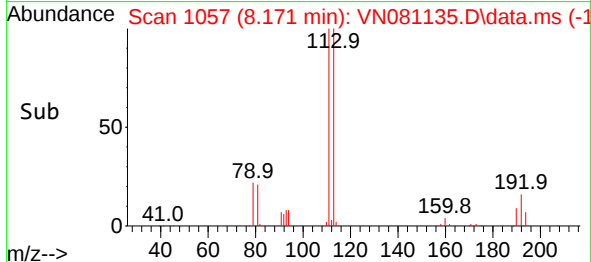
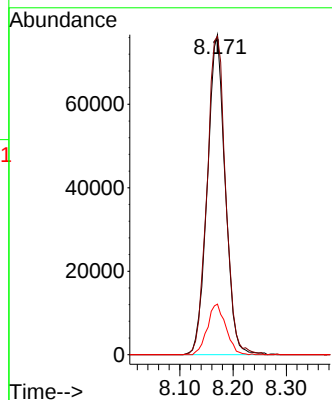
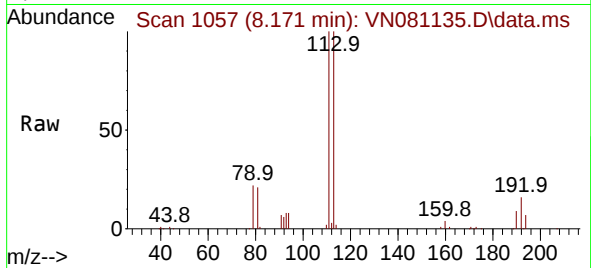




#35
Dibromofluoromethane
Concen: 46.519 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081135.D
Acq: 22 Feb 2024 15:11

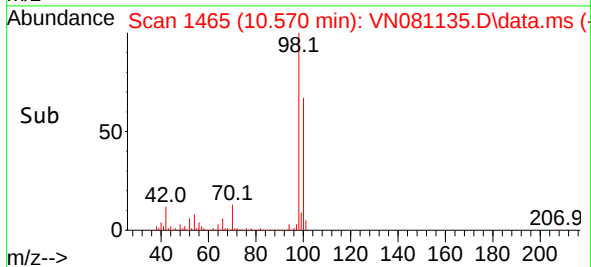
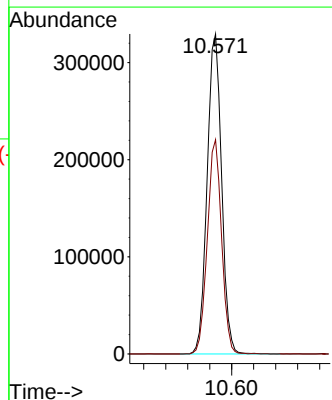
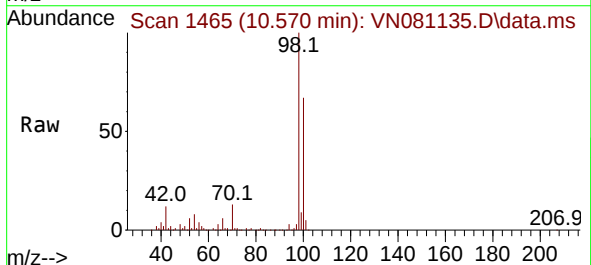
Instrument :
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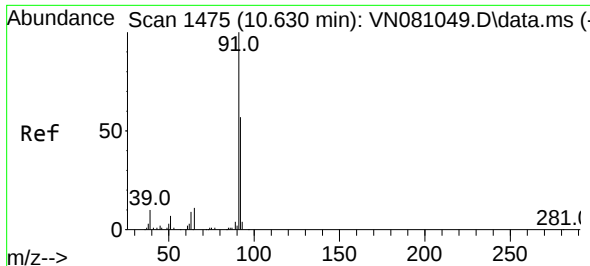
Tgt Ion:113 Resp: 178834
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 16.3 12.5 18.7



#50
Toluene-d8
Concen: 43.955 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081135.D
Acq: 22 Feb 2024 15:11

Tgt Ion: 98 Resp: 600165
Ion Ratio Lower Upper
98 100
100 65.9 51.4 77.0

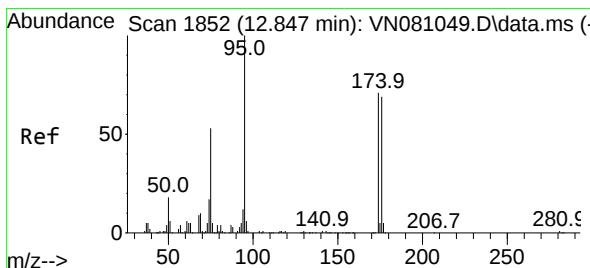
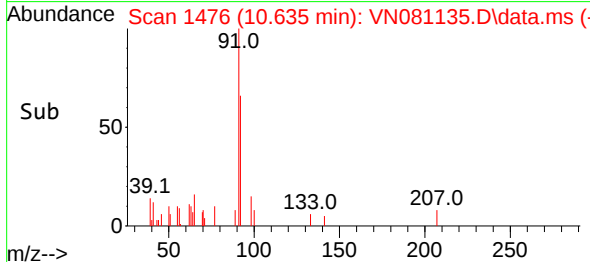
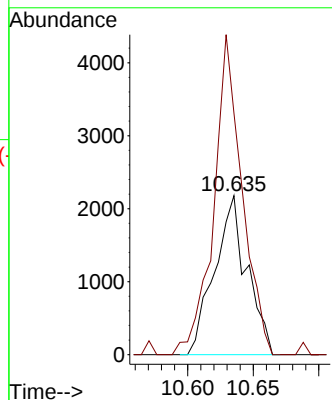
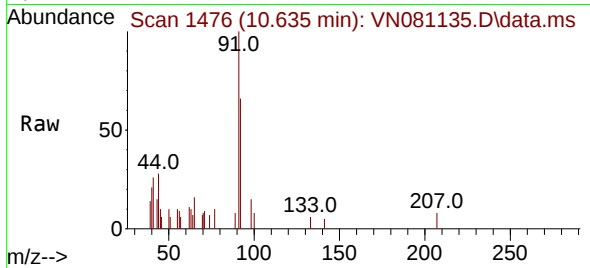




#52
Toluene
Concen: 0.311 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN081135.D
Acq: 22 Feb 2024 15:11

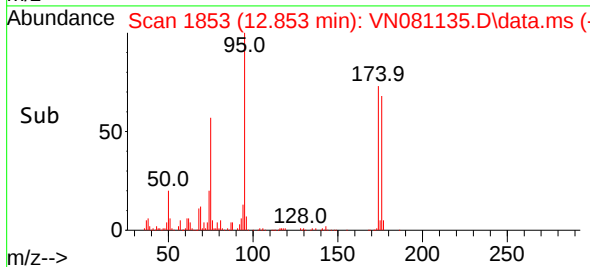
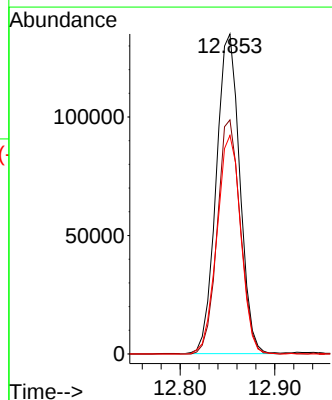
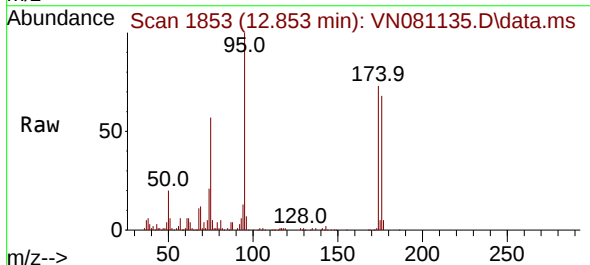
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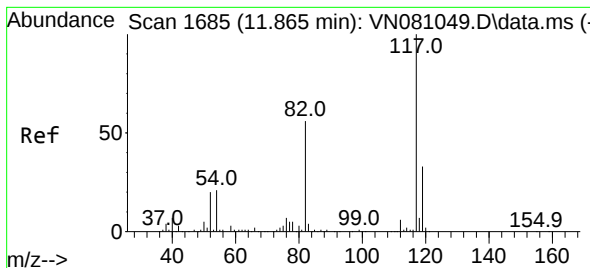
Tgt Ion: 92 Resp: 3755
Ion Ratio Lower Upper
92 100
91 175.5 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 45.357 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081135.D
Acq: 22 Feb 2024 15:11

Tgt Ion: 95 Resp: 232705
Ion Ratio Lower Upper
95 100
174 71.8 0.0 120.4
176 69.2 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081135.D

Acq: 22 Feb 2024 15:11

Instrument :

MSVOA_N

ClientSampleId :

1332

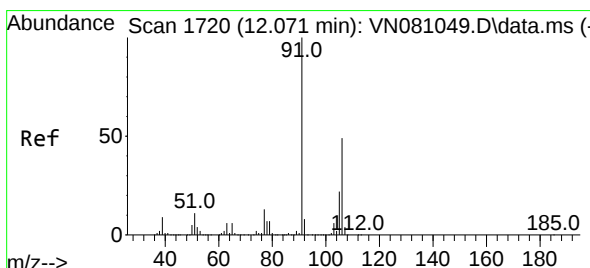
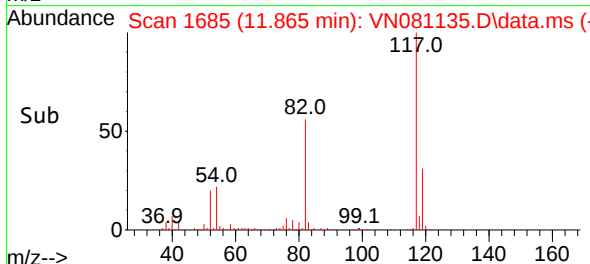
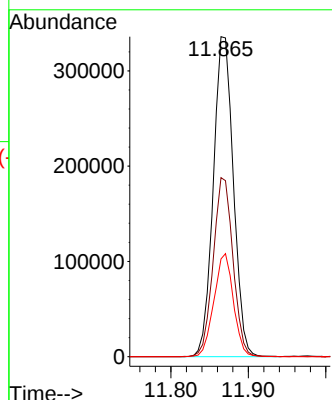
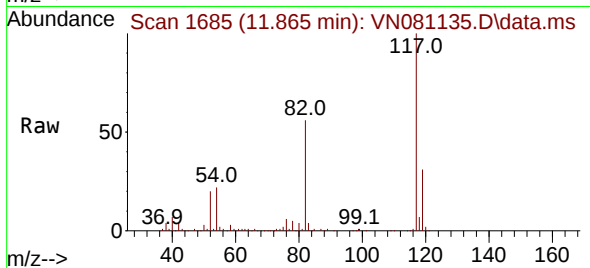
Tgt Ion:117 Resp: 604859

Ion Ratio Lower Upper

117 100

82 56.0 52.7 79.1

119 30.6 25.3 37.9



#68

m/p-Xylenes

Concen: 0.438 ug/l

RT: 12.059 min Scan# 1718

Delta R.T. -0.012 min

Lab File: VN081135.D

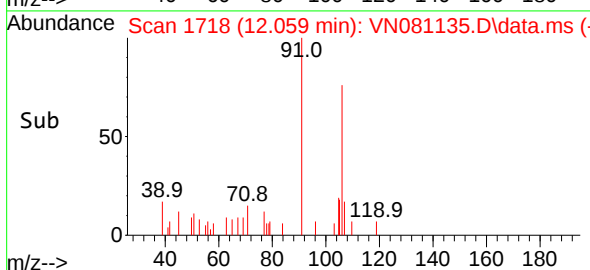
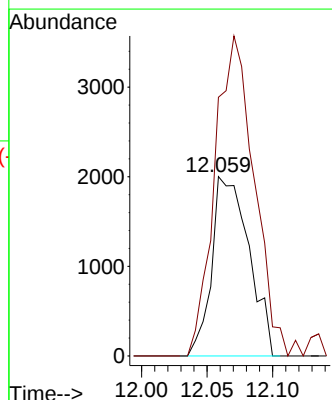
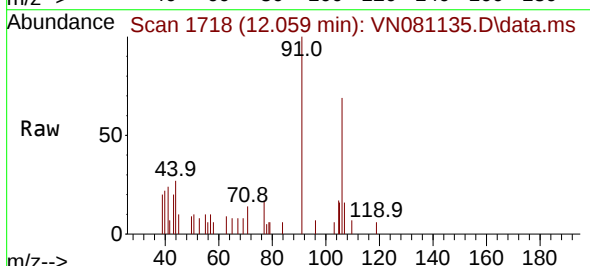
Acq: 22 Feb 2024 15:11

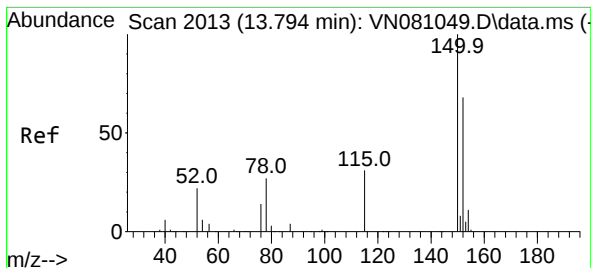
Tgt Ion:106 Resp: 3936

Ion Ratio Lower Upper

106 100

91 190.5 169.0 253.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN081135.D

Acq: 22 Feb 2024 15:11

Instrument :

MSVOA_N

ClientSampleId :

1332

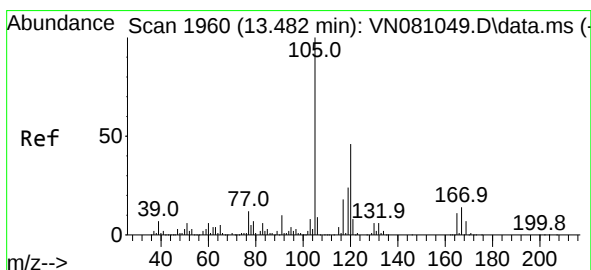
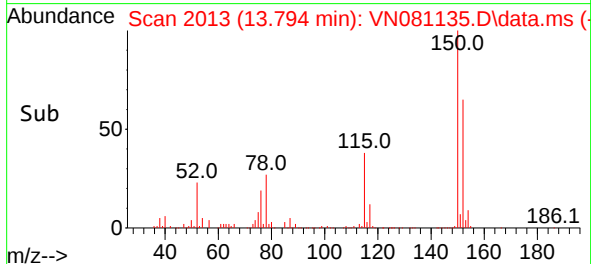
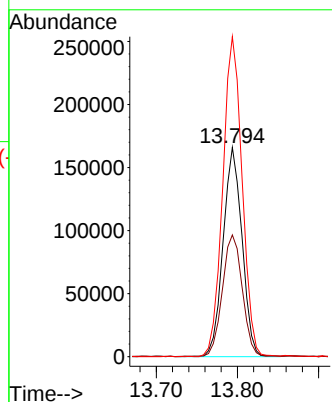
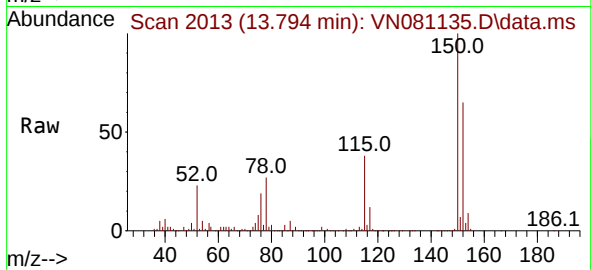
Tgt Ion:152 Resp: 268913

Ion Ratio Lower Upper

152 100

115 60.8 32.3 96.8

150 156.5 0.0 339.8



#84

1,2,4-Trimethylbenzene

Concen: 0.462 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081135.D

Acq: 22 Feb 2024 15:11

Tgt Ion:105 Resp: 8789

Ion Ratio Lower Upper

105 100

120 35.4 20.9 62.7

