

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079745.D
 Acq On : 31 Oct 2023 15:43
 Operator : JC\MD
 Sample : 05107-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1072

Quant Time: Nov 01 01:21:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

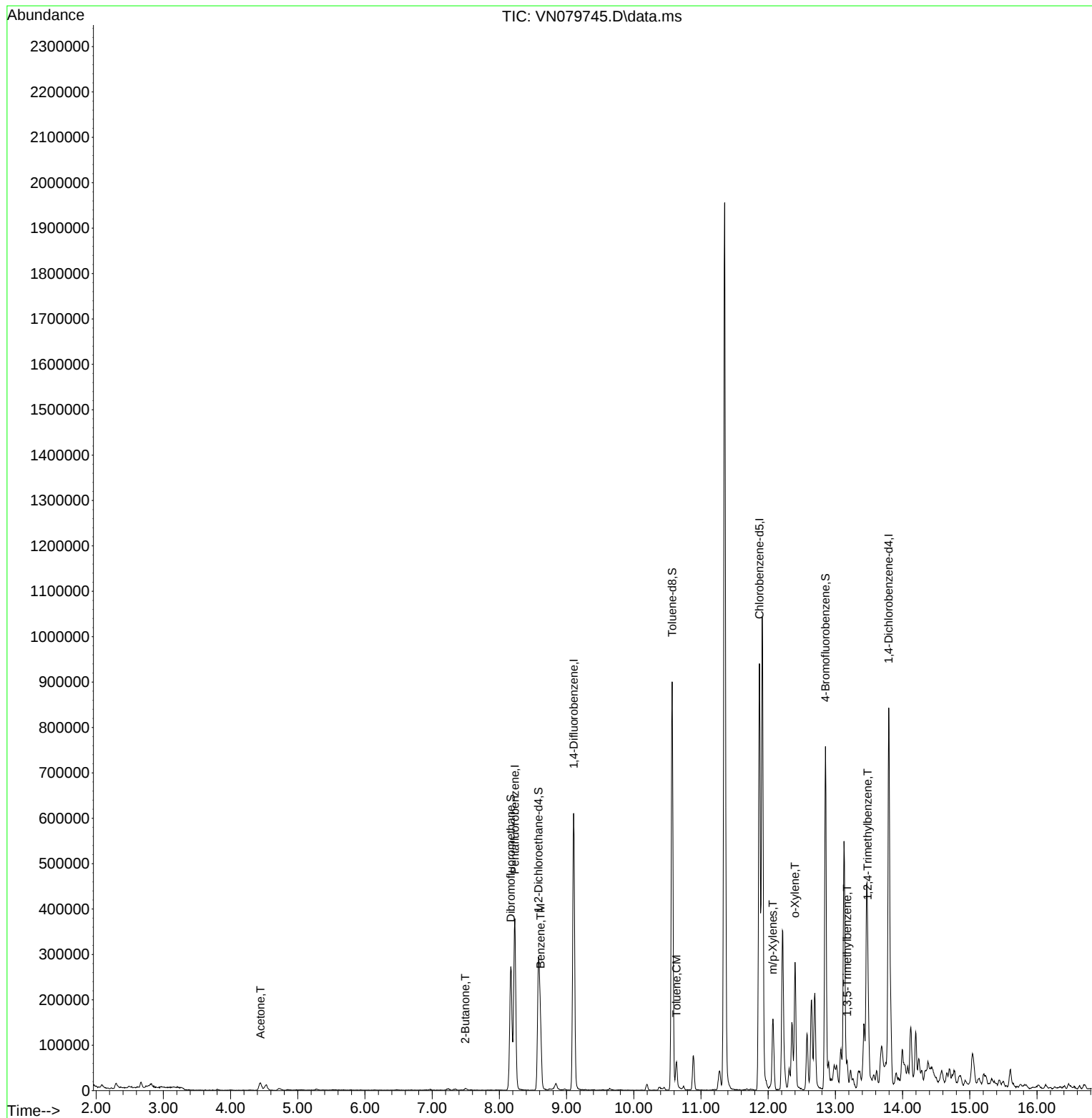
Internal Standards						
1) Pentafluorobenzene	8.229	168	262806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	510417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	530862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	220634	52.278	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.560%			
35) Dibromofluoromethane	8.171	113	196312	53.825	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.660%			
50) Toluene-d8	10.571	98	616655	45.355	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.700%			
62) 4-Bromofluorobenzene	12.853	95	253432	59.191	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.380%			
Target Compounds					Qvalue	
16) Acetone	4.447	43	33065	18.312	ug/l	89
25) 2-Butanone	7.494	43	6712	2.706	ug/l #	84
40) Benzene	8.612	78	128567	8.051	ug/l	98
52) Toluene	10.635	92	23985	2.460	ug/l	92
68) m/p-Xylenes	12.070	106	48781	6.371	ug/l	93
69) o-Xylene	12.400	106	66785	9.071	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	21606	1.417	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	30316	2.061	ug/l	97

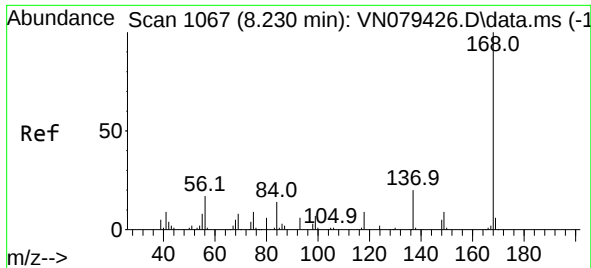
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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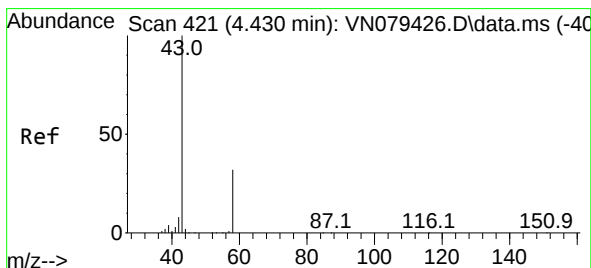
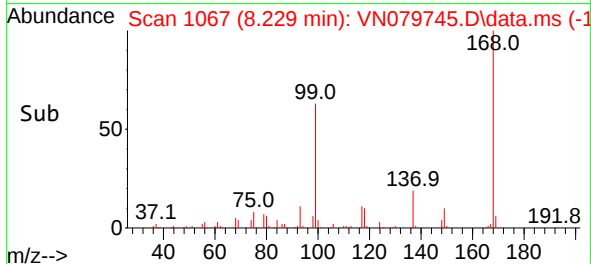
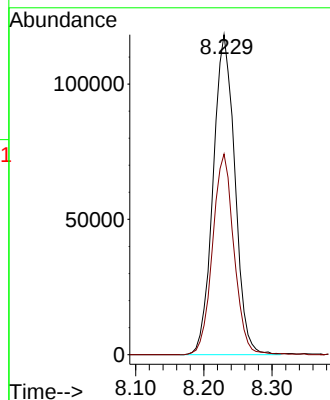
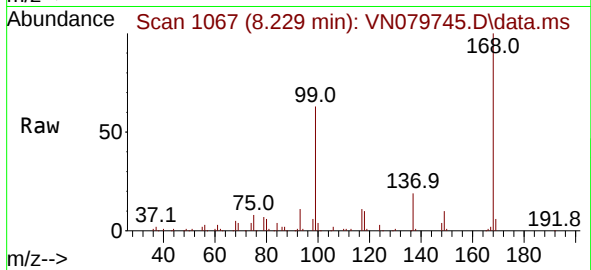




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079745.D
Acq: 31 Oct 2023 15:43

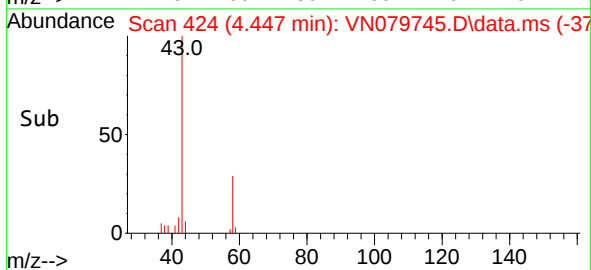
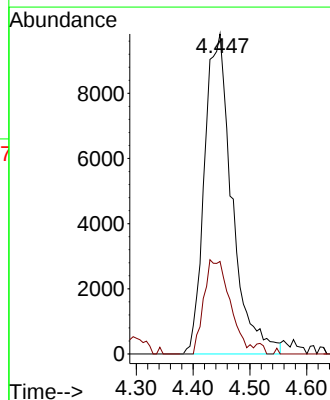
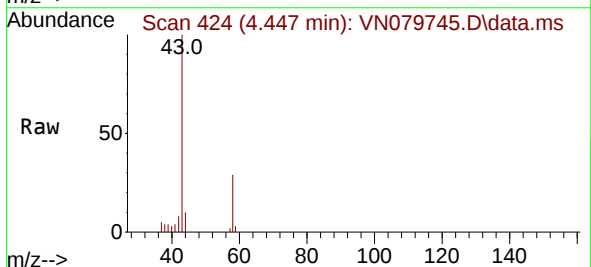
Instrument :
MSVOA_N
ClientSampleId :
1072

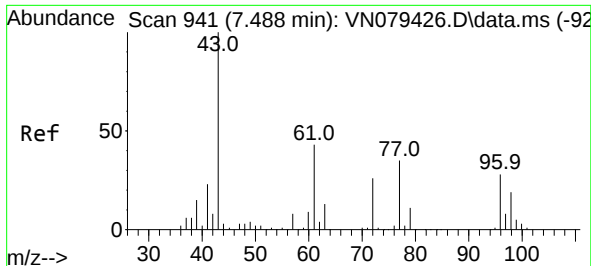
Tgt Ion:168 Resp: 262806
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6



#16
Acetone
Concen: 18.312 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN079745.D
Acq: 31 Oct 2023 15:43

Tgt Ion: 43 Resp: 33065
Ion Ratio Lower Upper
43 100
58 28.9 28.0 42.0

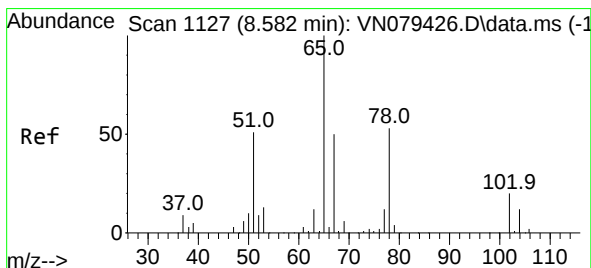
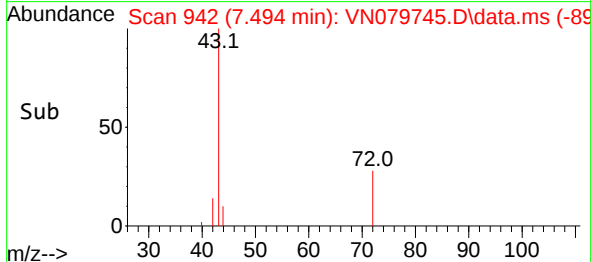
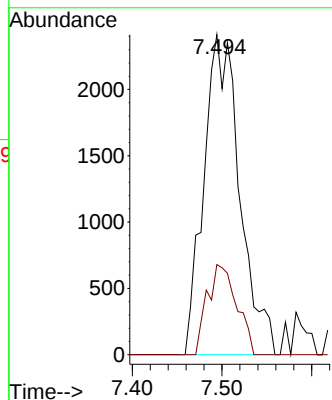
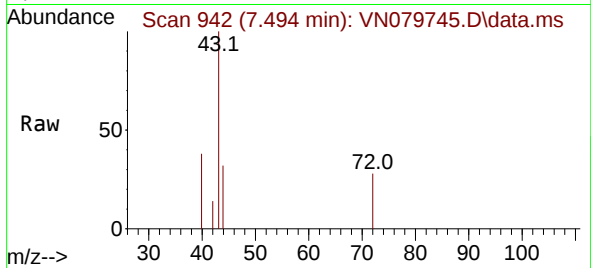




#25
2-Butanone
Concen: 2.706 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079745.D
Acq: 31 Oct 2023 15:43

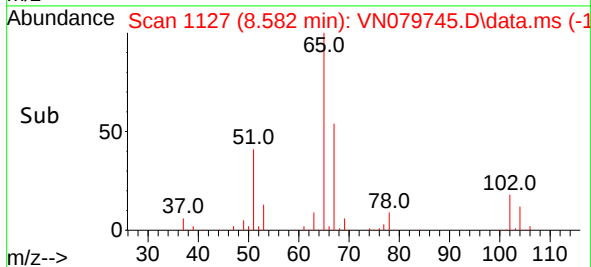
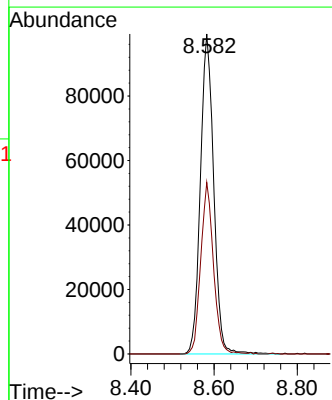
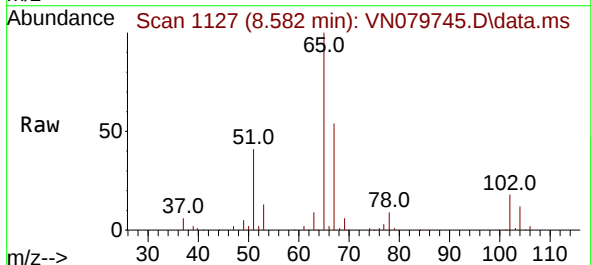
Instrument :
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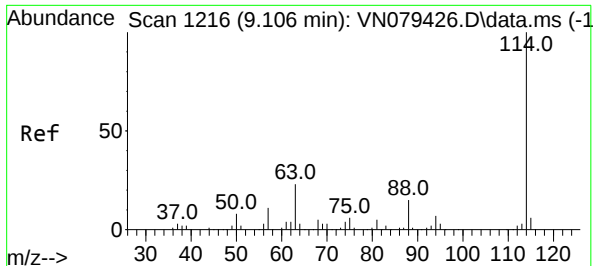
Tgt Ion: 43 Resp: 6712
Ion Ratio Lower Upper
43 100
72 28.1 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 52.278 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079745.D
Acq: 31 Oct 2023 15:43

Tgt Ion: 65 Resp: 220634
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079745.D

Acq: 31 Oct 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

1072

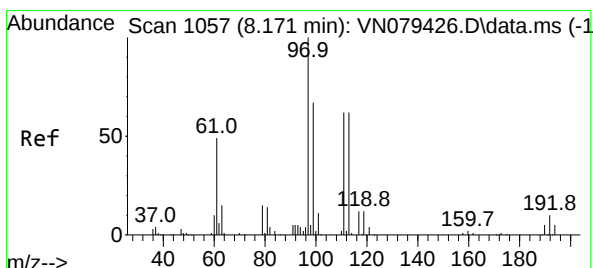
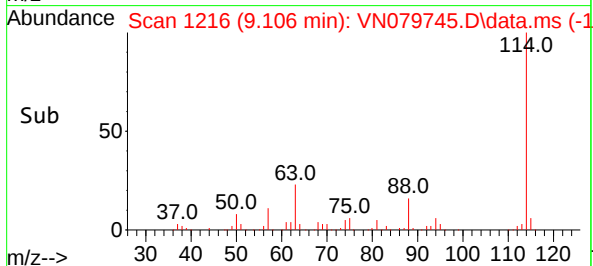
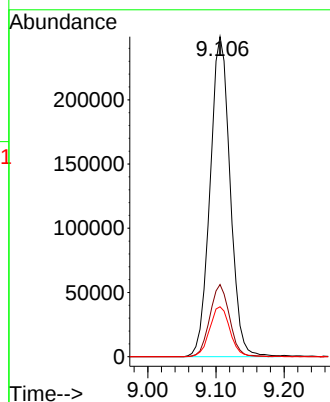
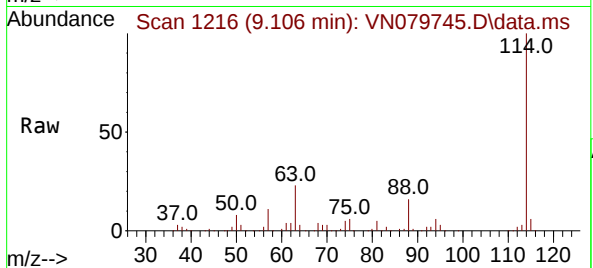
Tgt Ion:114 Resp: 510417

Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.825 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079745.D

Acq: 31 Oct 2023 15:43

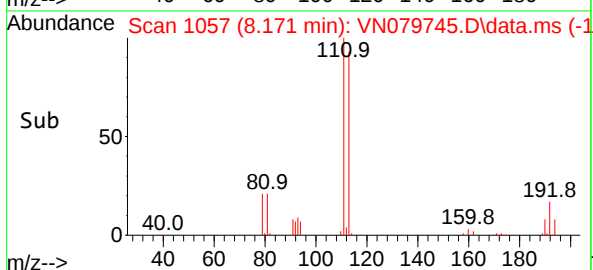
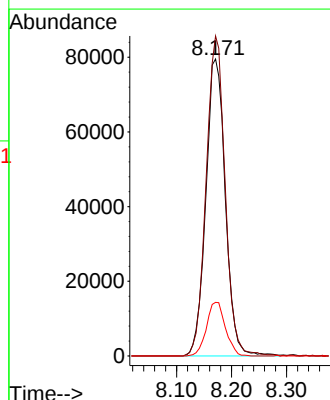
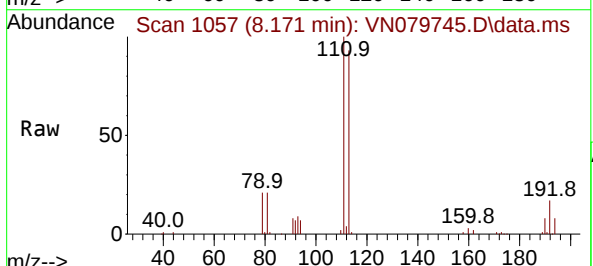
Tgt Ion:113 Resp: 196312

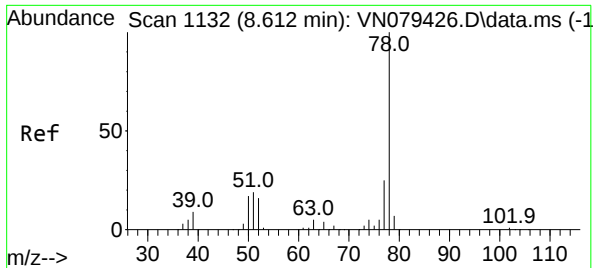
Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 17.5 12.7 19.1

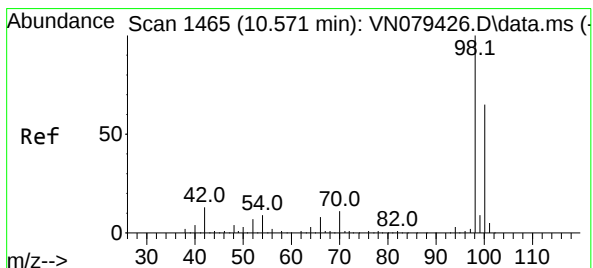
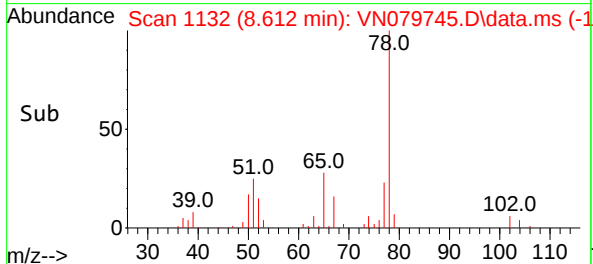
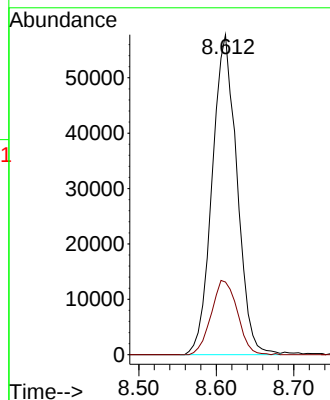
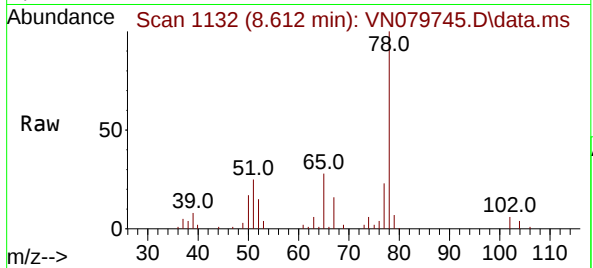




#40
Benzene
Concen: 8.051 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079745.D
Acq: 31 Oct 2023 15:43

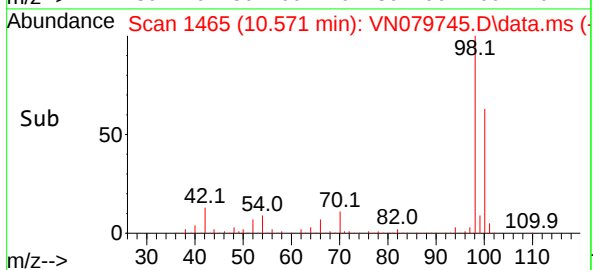
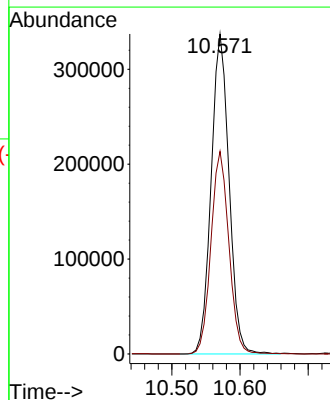
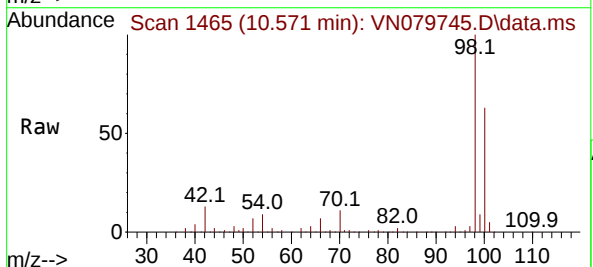
Instrument :
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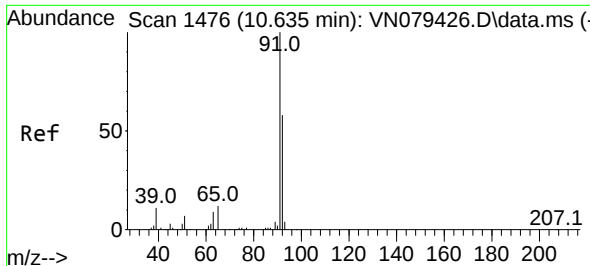
Tgt Ion: 78 Resp: 128567
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6



#50
Toluene-d8
Concen: 45.355 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079745.D
Acq: 31 Oct 2023 15:43

Tgt Ion: 98 Resp: 616655
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

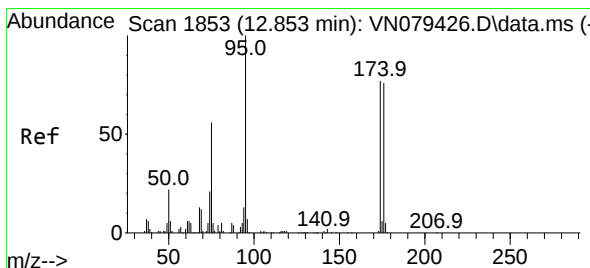
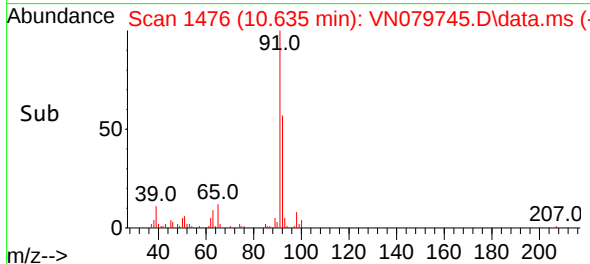
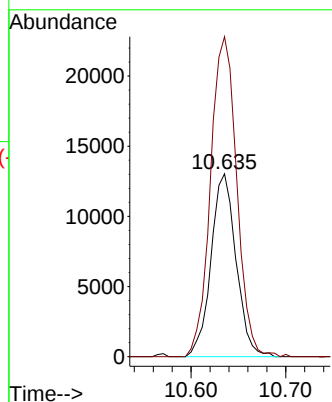
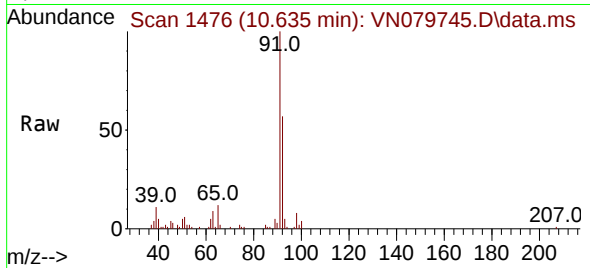




#52
Toluene
Concen: 2.460 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079745.D
Acq: 31 Oct 2023 15:43

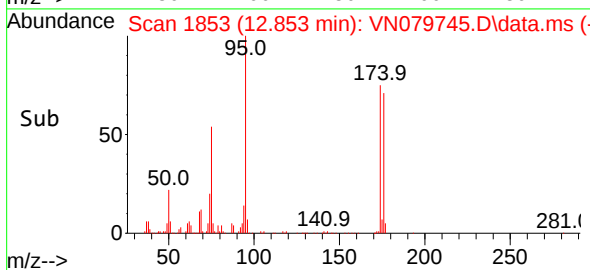
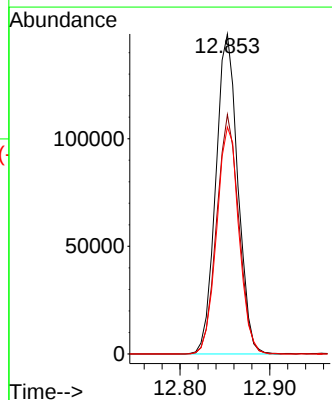
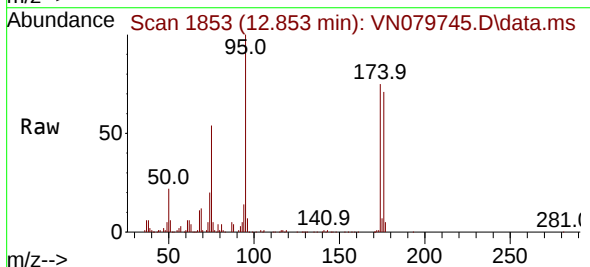
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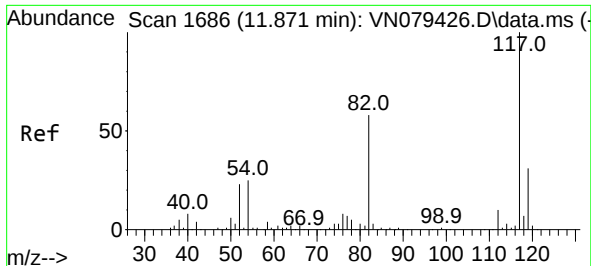
Tgt Ion: 92 Resp: 23985
Ion Ratio Lower Upper
92 100
91 183.4 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 59.191 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079745.D
Acq: 31 Oct 2023 15:43

Tgt Ion: 95 Resp: 253432
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 71.7 0.0 135.8

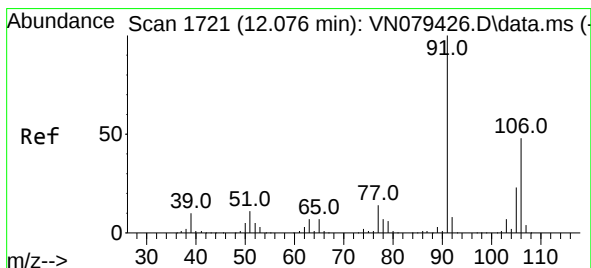
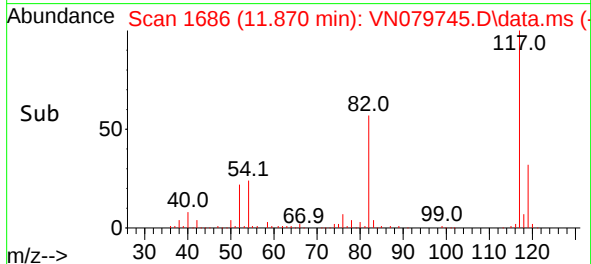
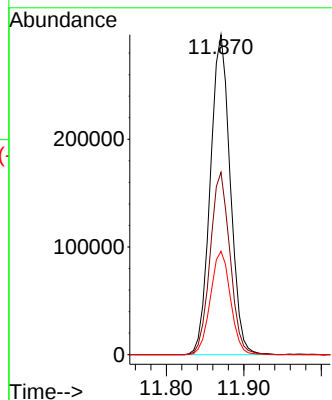
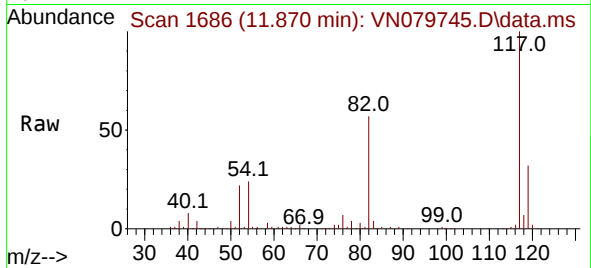




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1172
Delta R.T. -0.001 min
Lab File: VN079745.D
Acq: 31 Oct 2023 15:43

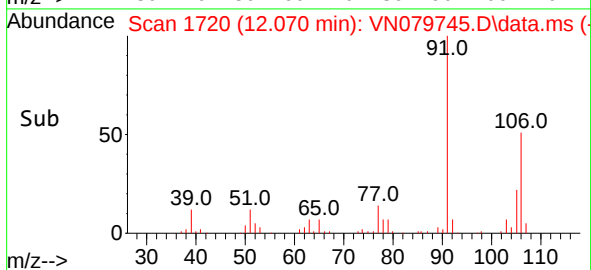
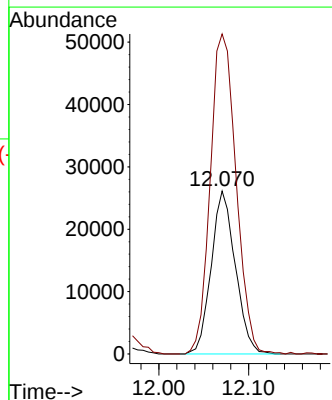
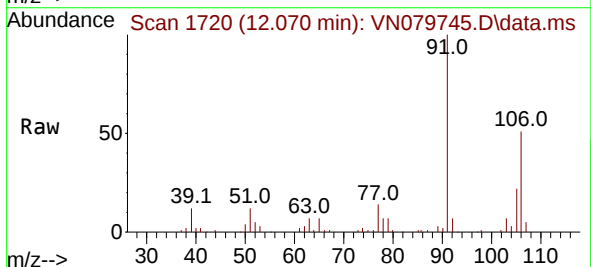
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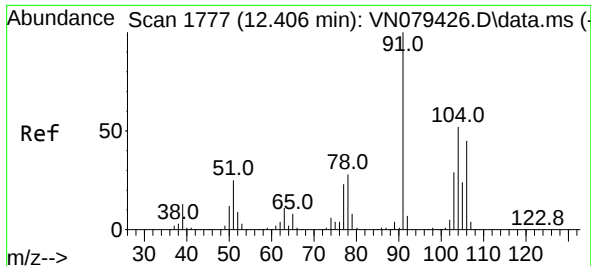
Tgt Ion:117 Resp: 530862
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 32.3 25.6 38.4



#68
m/p-Xylenes
Concen: 6.371 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079745.D
Acq: 31 Oct 2023 15:43

Tgt Ion:106 Resp: 48781
Ion Ratio Lower Upper
106 100
91 210.4 159.6 239.4

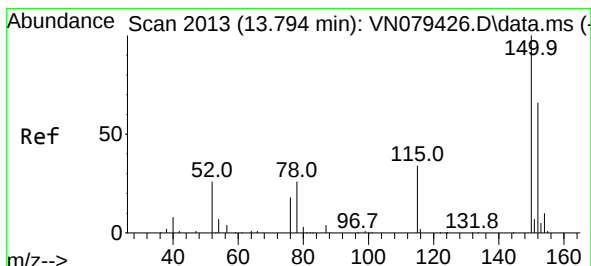
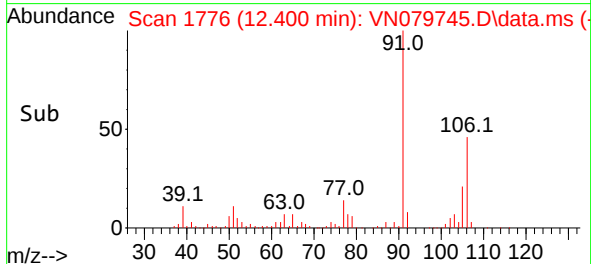
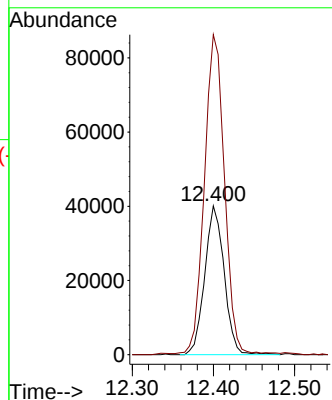
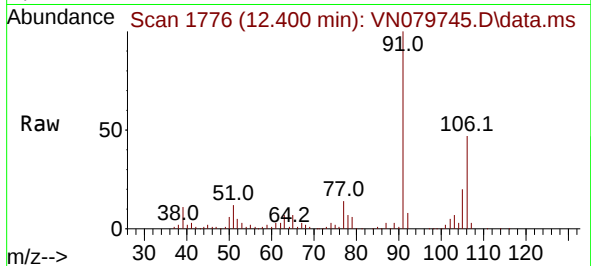




#69
o-Xylene
Concen: 9.071 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079745.D
Acq: 31 Oct 2023 15:43

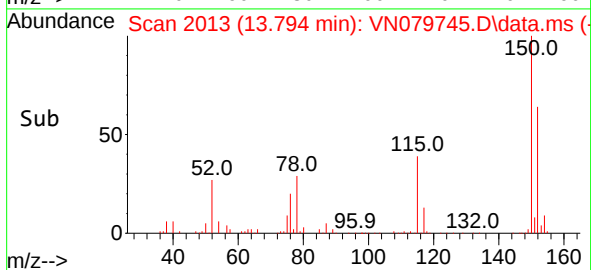
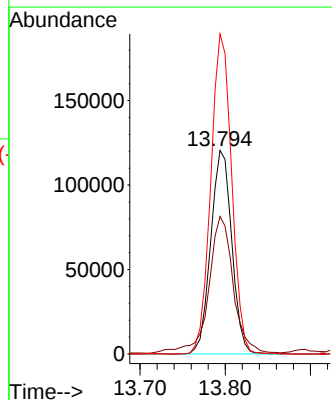
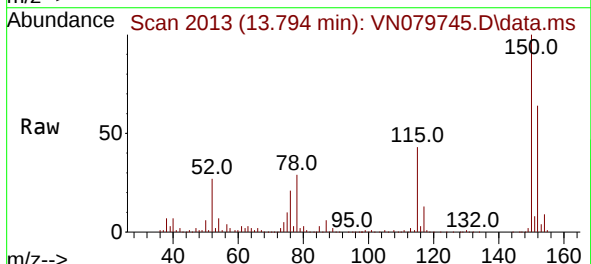
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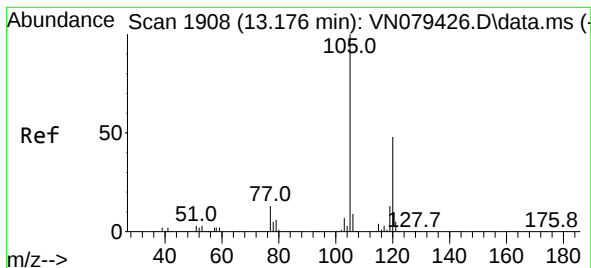
Tgt Ion:106 Resp: 66785
Ion Ratio Lower Upper
106 100
91 219.2 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079745.D
Acq: 31 Oct 2023 15:43

Tgt Ion:152 Resp: 206471
Ion Ratio Lower Upper
152 100
115 78.0 32.3 96.8
150 156.0 0.0 355.8





#80

1,3,5-Trimethylbenzene

Concen: 1.417 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079745.D

Acq: 31 Oct 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

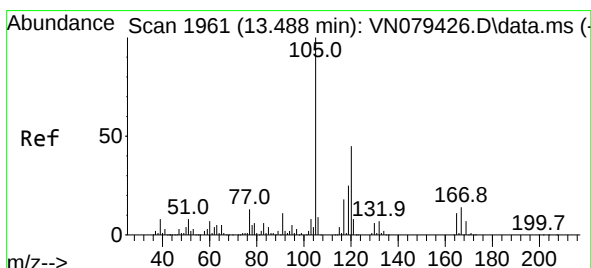
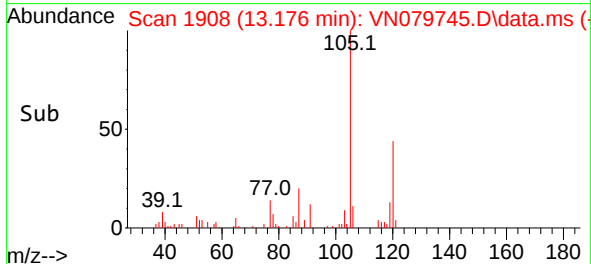
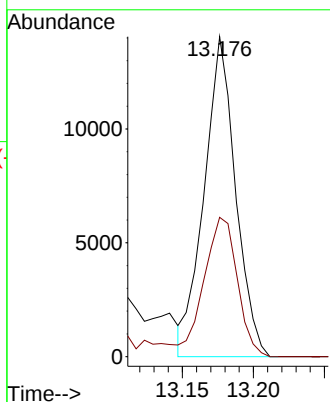
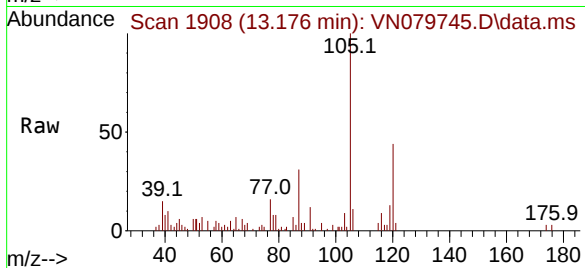
1072

Tgt Ion:105 Resp: 21606

Ion Ratio Lower Upper

105 100

120 46.0 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 2.061 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.006 min

Lab File: VN079745.D

Acq: 31 Oct 2023 15:43

Tgt Ion:105 Resp: 30316

Ion Ratio Lower Upper

105 100

120 42.0 22.0 66.0

