

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077745.D
 Acq On : 18 May 2023 18:40
 Operator : JC\MD
 Sample : 02834-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20230516

Quant Time: May 19 07:37:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

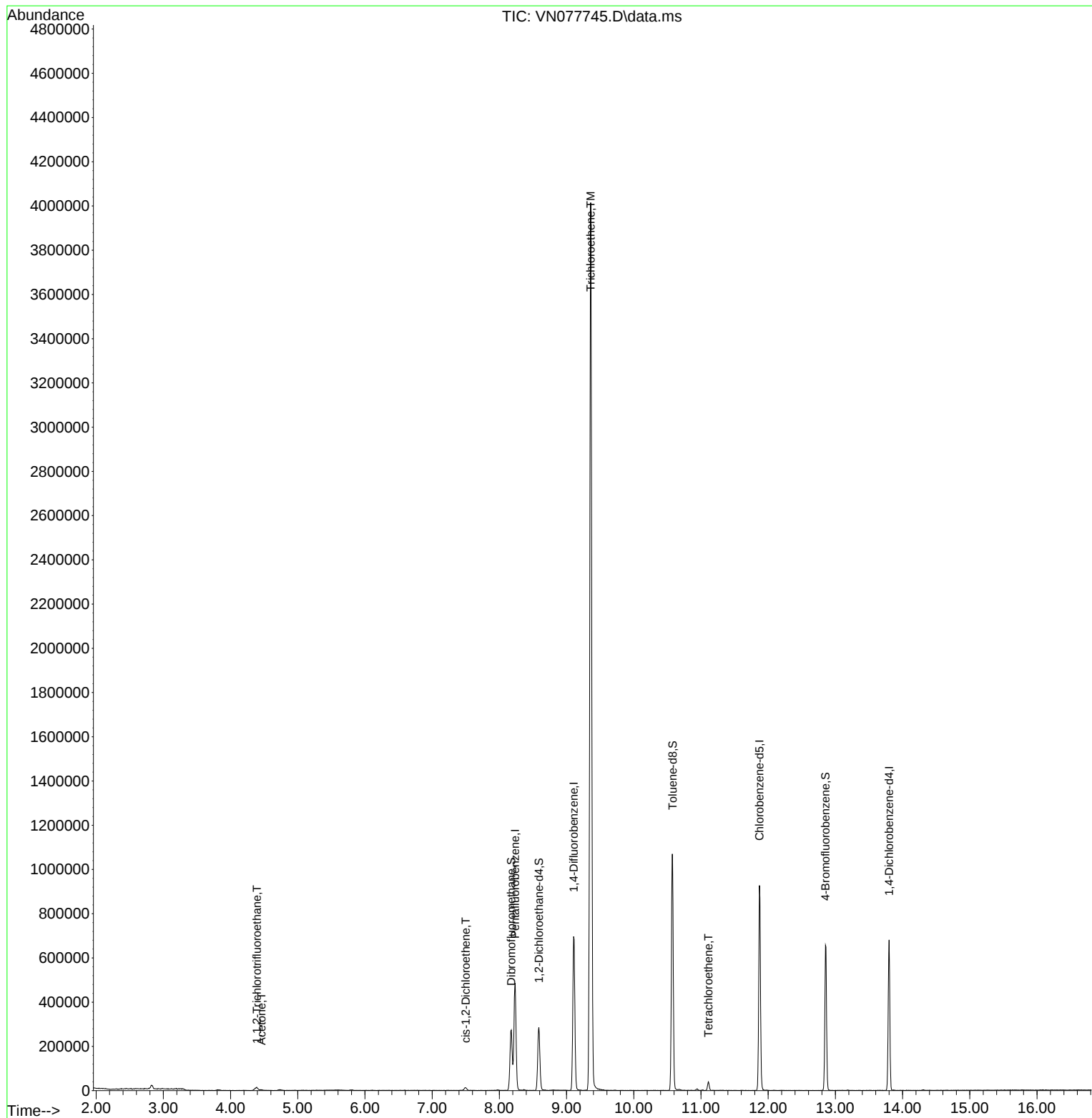
Internal Standards						
1) Pentafluorobenzene	8.235	168	344003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	627986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	544441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	181293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	237958	46.231	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.460%
35) Dibromofluoromethane	8.177	113	199570	48.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.460%
50) Toluene-d8	10.577	98	791835	50.237	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.853	95	239712	43.061	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.120%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.395	101	8552	2.246	ug/l	99
16) Acetone	4.459	43	4522	2.792	ug/l	94
27) cis-1,2-Dichloroethene	7.500	96	8240	1.691	ug/l	88
44) Trichloroethene	9.359	130	1408423	314.696	ug/l	100
64) Tetrachloroethene	11.112	164	8236	2.163	ug/l	97

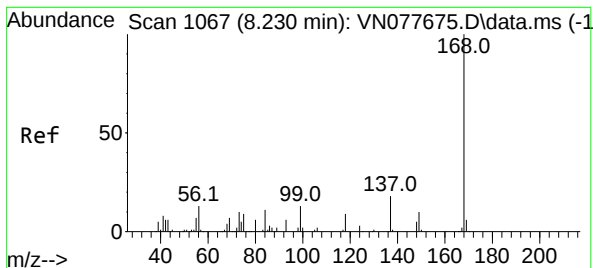
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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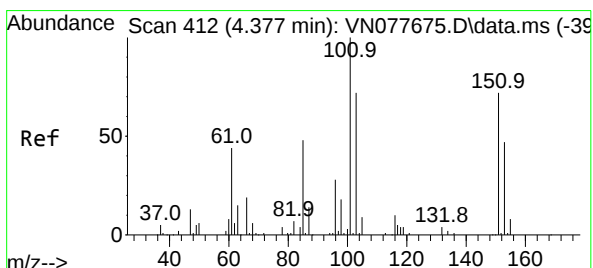
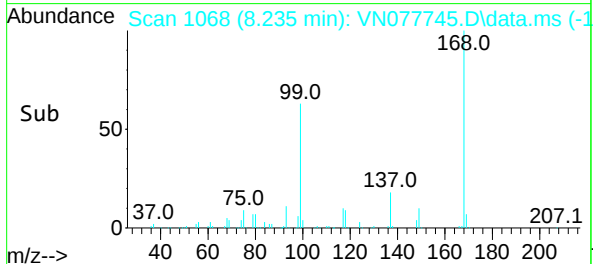
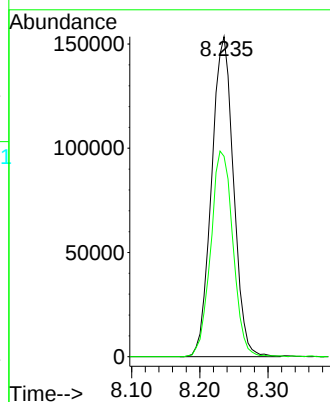
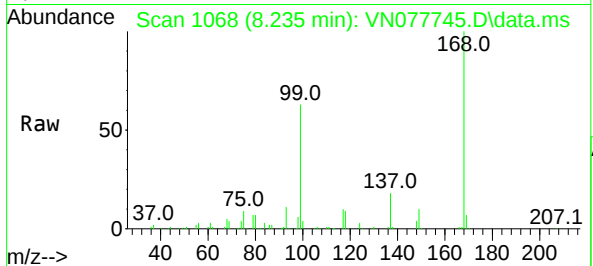




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077745.D
Acq: 18 May 2023 18:40

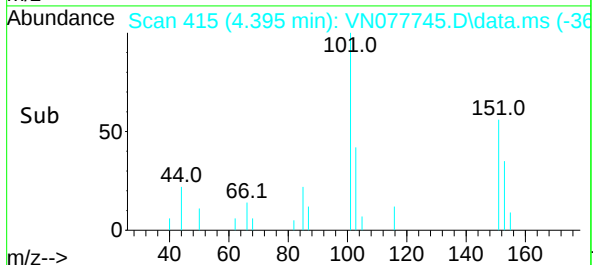
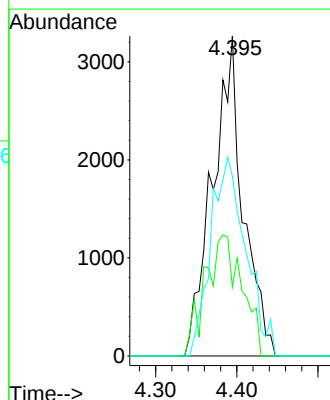
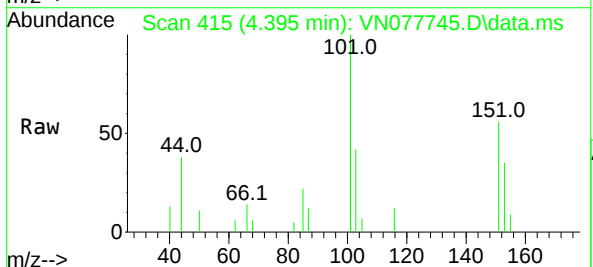
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20230516

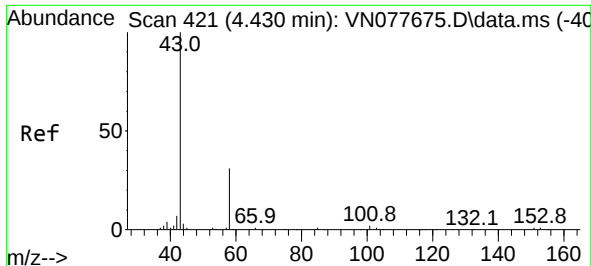
Tgt Ion:168 Resp: 344003
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.246 ug/l
RT: 4.395 min Scan# 415
Delta R.T. 0.018 min
Lab File: VN077745.D
Acq: 18 May 2023 18:40

Tgt Ion:101 Resp: 8552
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 71.4 57.6 86.4

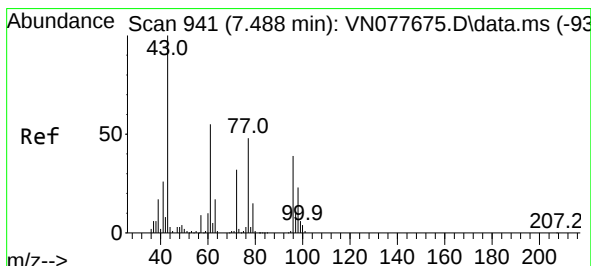
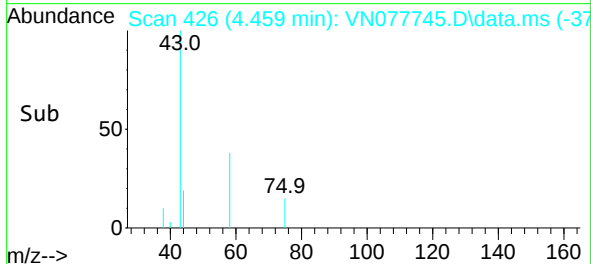
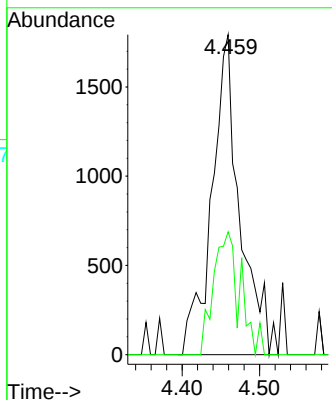
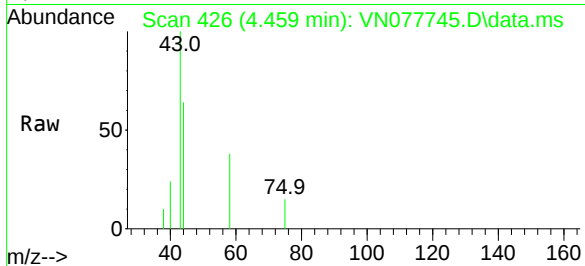




#16
Acetone
Concen: 2.792 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN077745.D
Acq: 18 May 2023 18:40

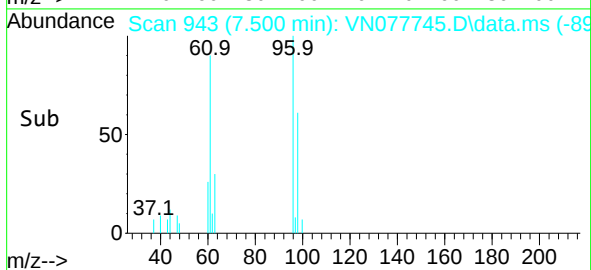
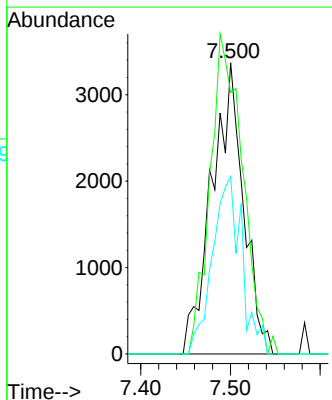
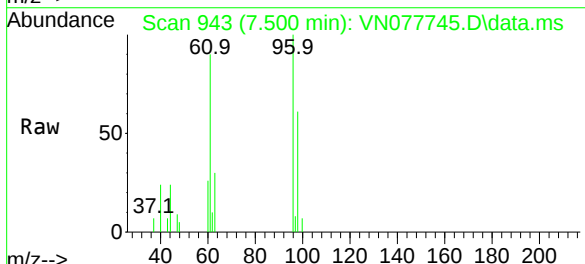
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20230516

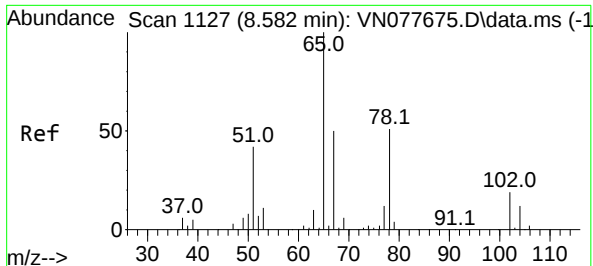
Tgt Ion: 43 Resp: 4522
Ion Ratio Lower Upper
43 100
58 38.4 28.0 42.0



#27
cis-1,2-Dichloroethene
Concen: 1.691 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN077745.D
Acq: 18 May 2023 18:40

Tgt Ion: 96 Resp: 8240
Ion Ratio Lower Upper
96 100
61 112.6 0.0 255.2
98 56.5 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 46.231 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077745.D

Acq: 18 May 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

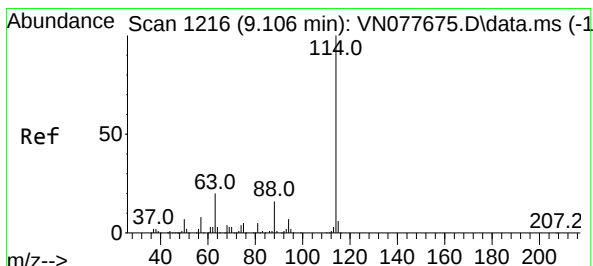
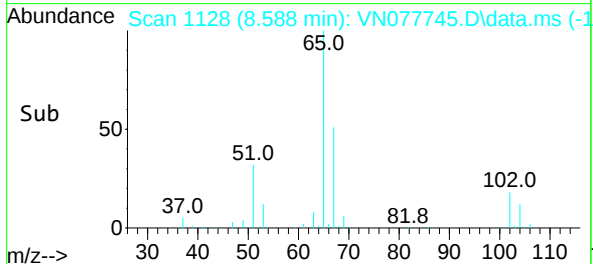
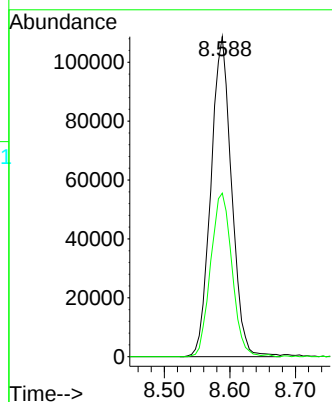
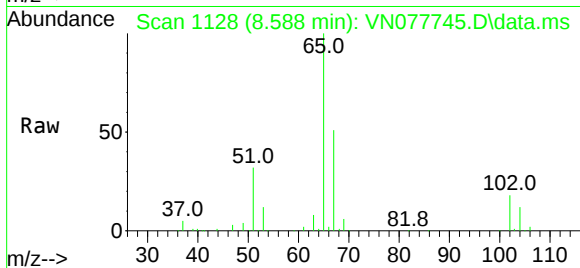
RE122D1-20230516

Tgt Ion: 65 Resp: 237958

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077745.D

Acq: 18 May 2023 18:40

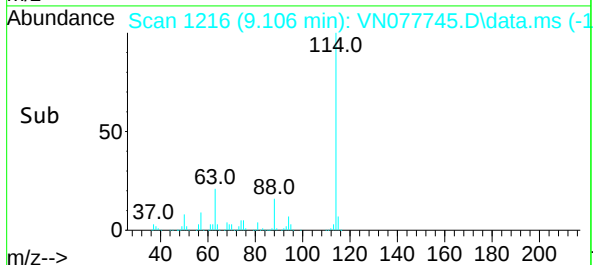
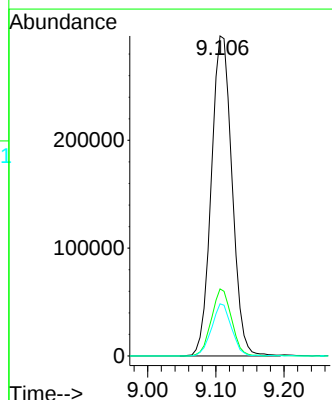
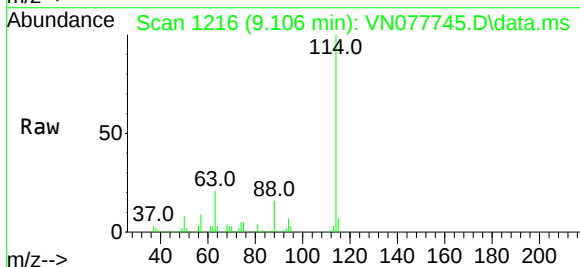
Tgt Ion: 114 Resp: 627986

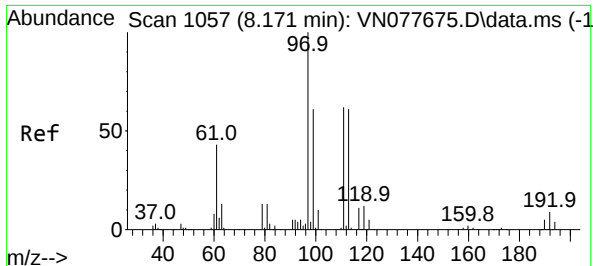
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.735 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077745.D

Acq: 18 May 2023 18:40

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20230516

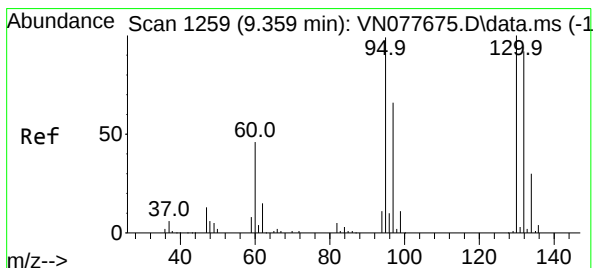
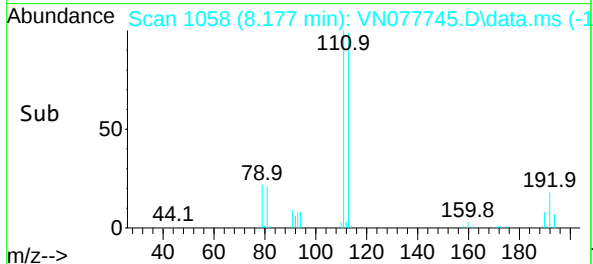
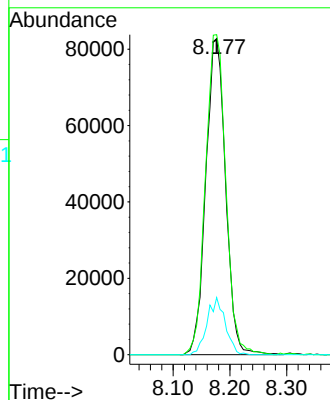
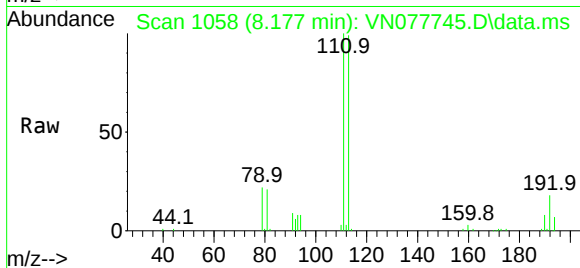
Tgt Ion:113 Resp: 199570

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 16.6 12.7 19.1



#44

Trichloroethene

Concen: 314.696 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN077745.D

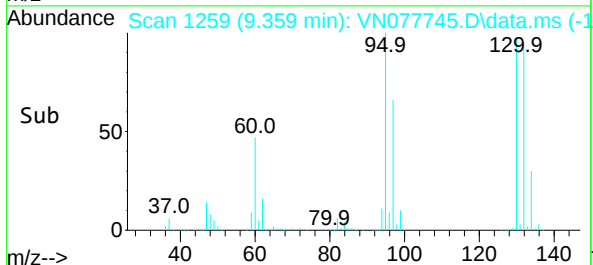
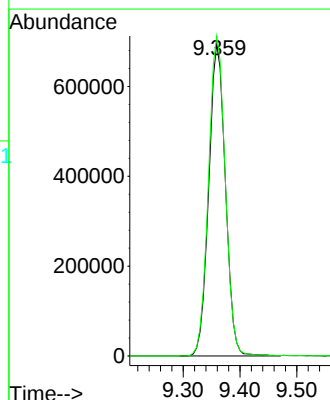
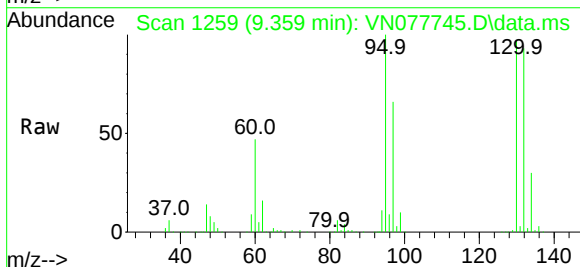
Acq: 18 May 2023 18:40

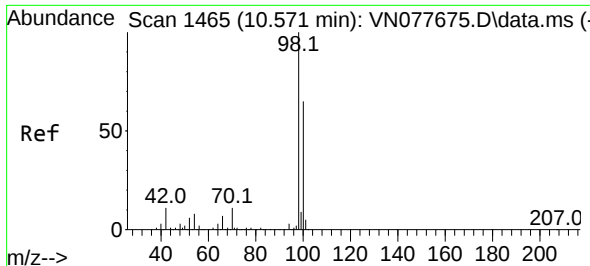
Tgt Ion:130 Resp: 1408423

Ion Ratio Lower Upper

130 100

95 102.6 0.0 204.6

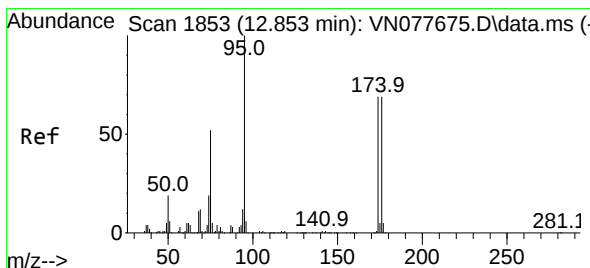
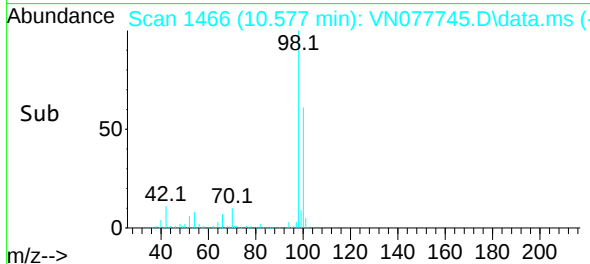
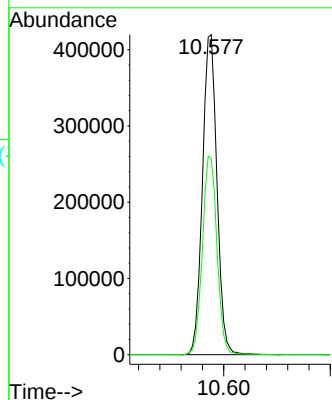
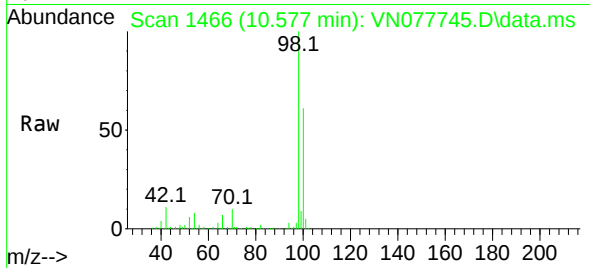




#50
Toluene-d8
Concen: 50.237 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077745.D
Acq: 18 May 2023 18:40

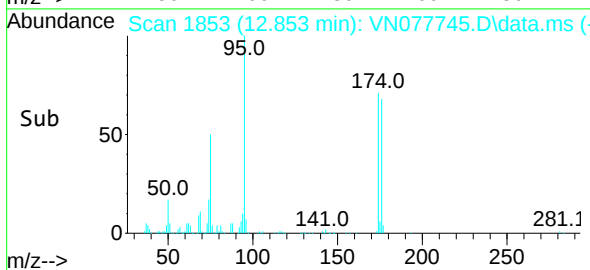
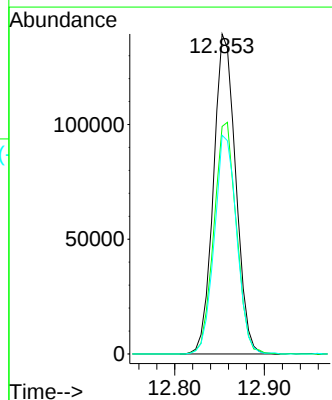
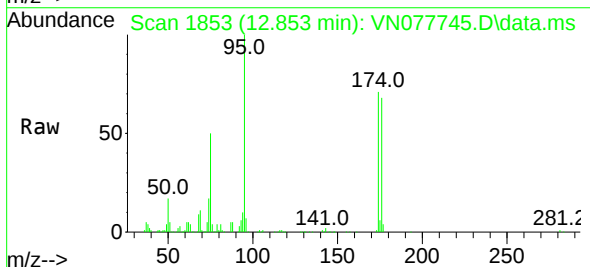
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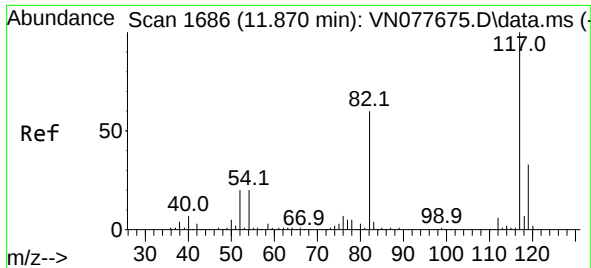
Tgt Ion: 98 Resp: 791835
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.061 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077745.D
Acq: 18 May 2023 18:40

Tgt Ion: 95 Resp: 239712
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 68.7 0.0 135.8

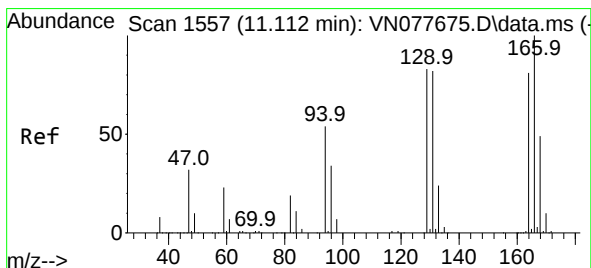
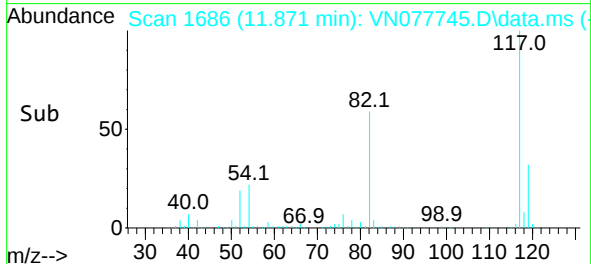
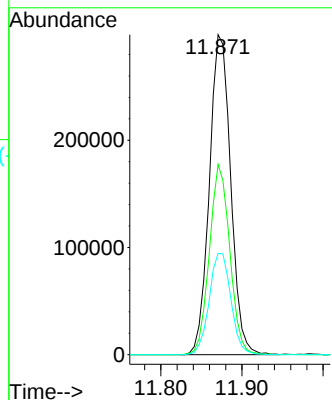
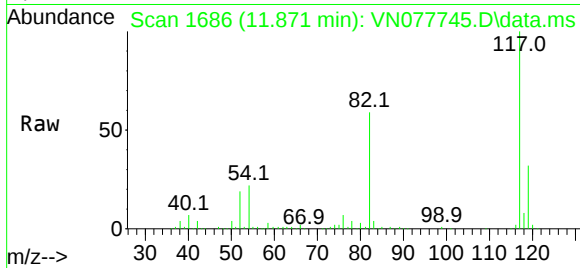




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077745.D
Acq: 18 May 2023 18:40

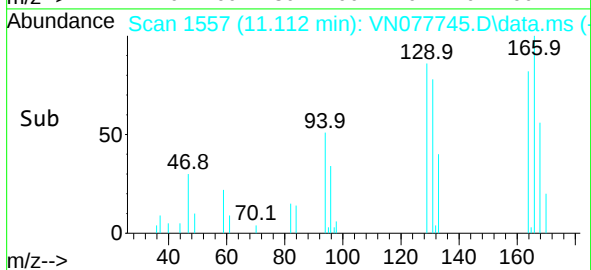
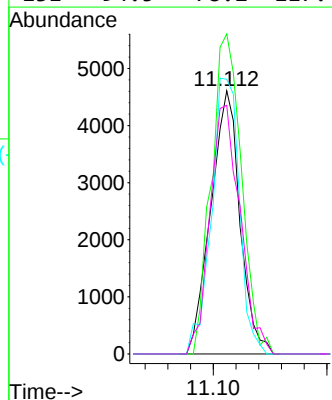
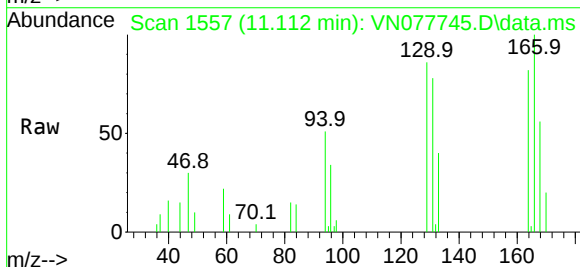
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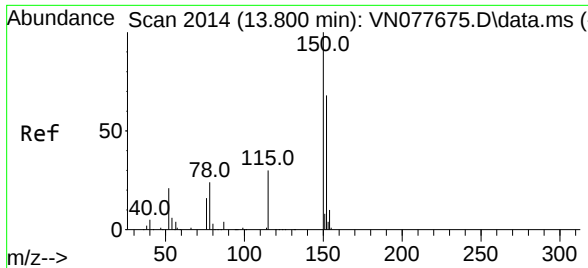
Tgt Ion:117 Resp: 544441
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 2.163 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077745.D
Acq: 18 May 2023 18:40

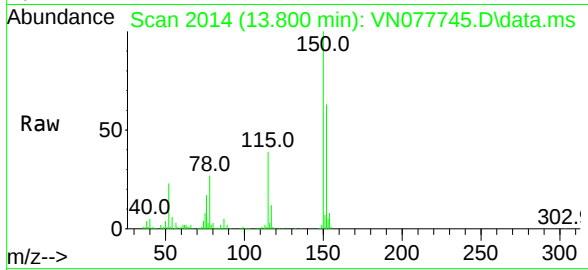
Tgt Ion:164 Resp: 8236
Ion Ratio Lower Upper
164 100
166 121.6 101.4 152.0
129 104.4 82.4 123.6
131 94.5 78.2 117.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077745.D
 Acq: 18 May 2023 18:40

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20230516



Tgt Ion:	152	Resp:	181293
Ion	Ratio	Lower	Upper
152	100		
115	63.9	32.3	96.8
150	155.4	0.0	355.8

