

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077065.D
 Acq On : 20 Mar 2023 13:53
 Operator : JC\MD
 Sample : 01904-09DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D1-20230313DL

Quant Time: Mar 21 05:35:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

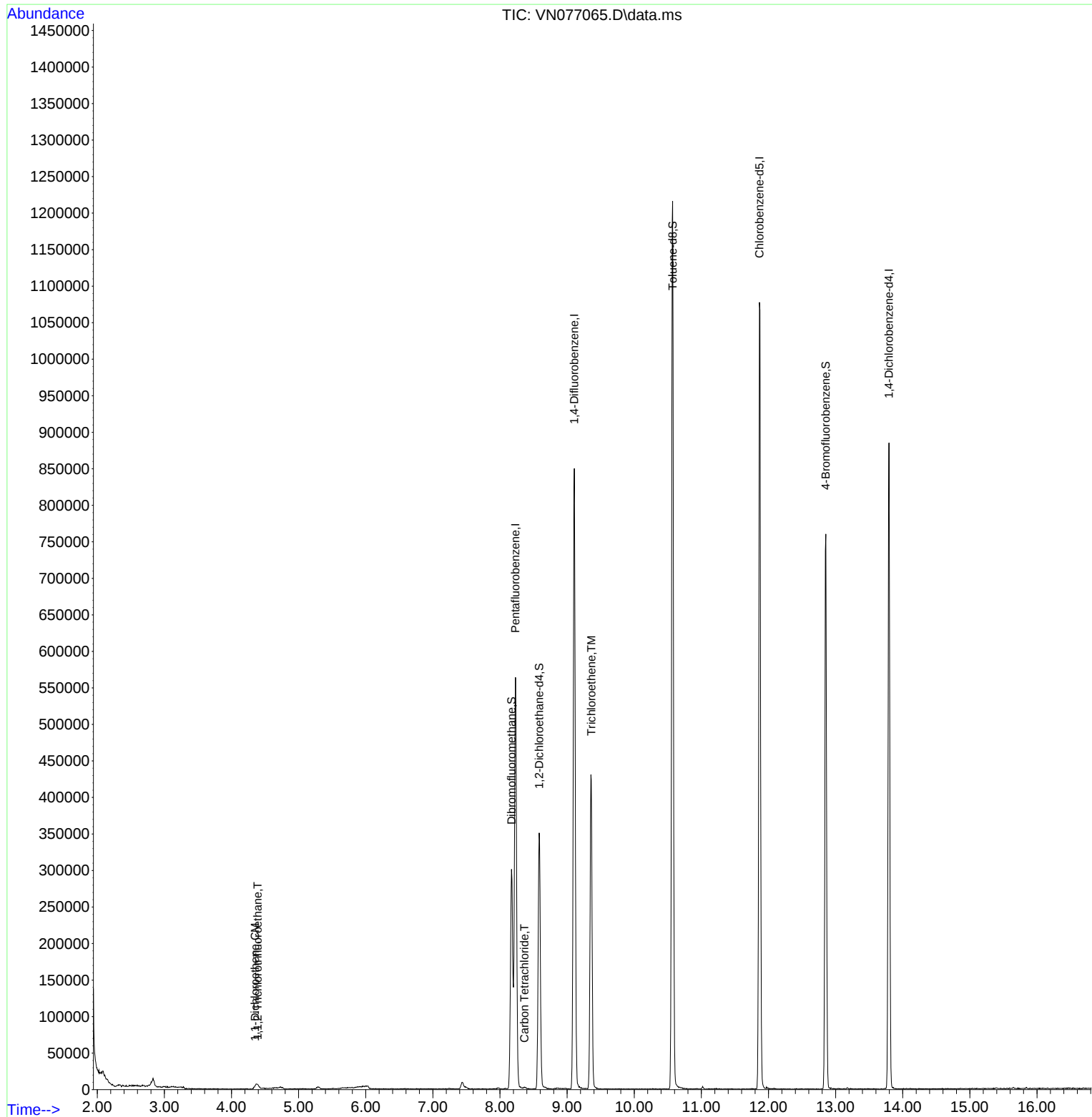
Internal Standards						
1) Pentafluorobenzene	8.230	168	386117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	707556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	624641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	228087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	288812	46.828	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.660%
35) Dibromofluoromethane	8.172	113	222387	44.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.760%
50) Toluene-d8	10.571	98	857040	48.420	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.840%
62) 4-Bromofluorobenzene	12.854	95	276947	44.279	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.560%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.389	101	4054	0.791	ug/l	91
12) 1,1-Dichloroethene	4.348	96	1276	0.272	ug/l #	66
38) Carbon Tetrachloride	8.366	117	2032	0.270	ug/l	92
44) Trichloroethene	9.360	130	152411	28.269	ug/l	99

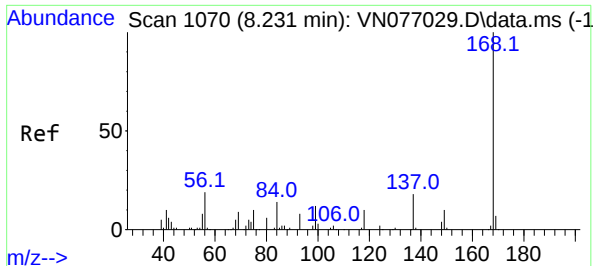
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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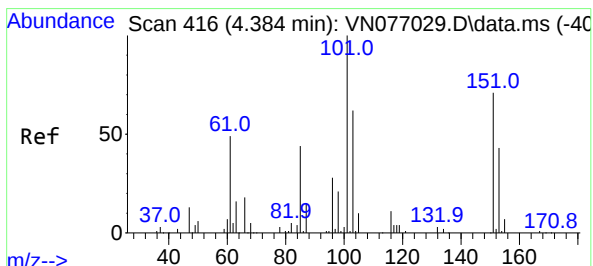
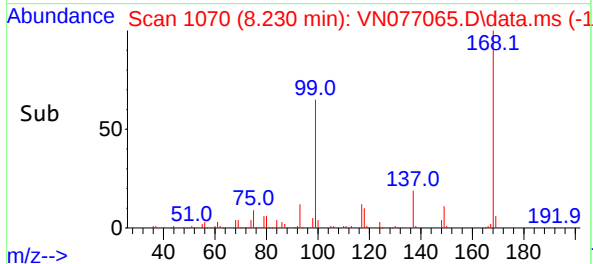
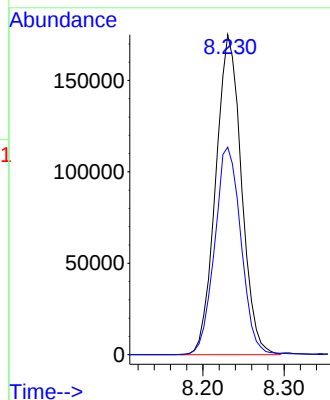
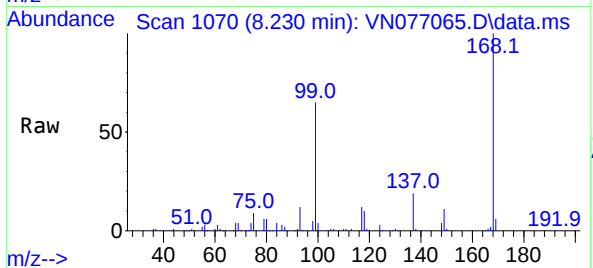




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077065.D
Acq: 20 Mar 2023 13:53

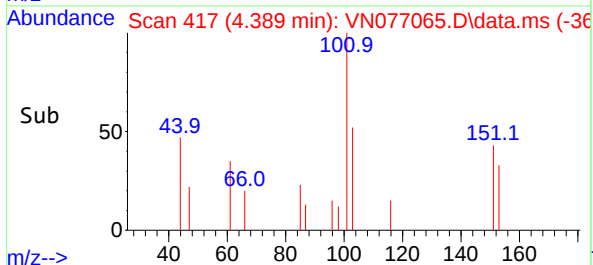
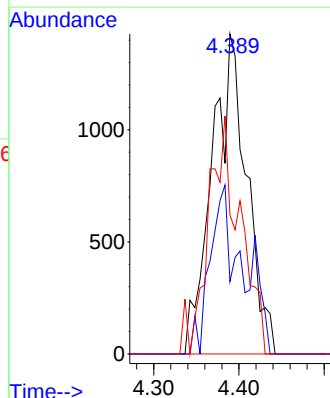
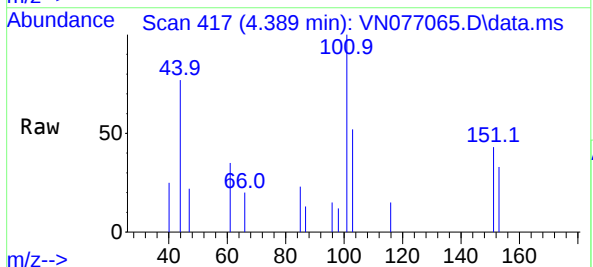
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20230313DL

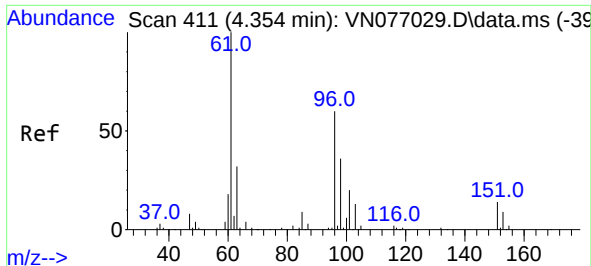
Tgt Ion:168 Resp: 386117
Ion Ratio Lower Upper
168 100
99 64.7 53.9 80.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.791 ug/l
RT: 4.389 min Scan# 417
Delta R.T. 0.005 min
Lab File: VN077065.D
Acq: 20 Mar 2023 13:53

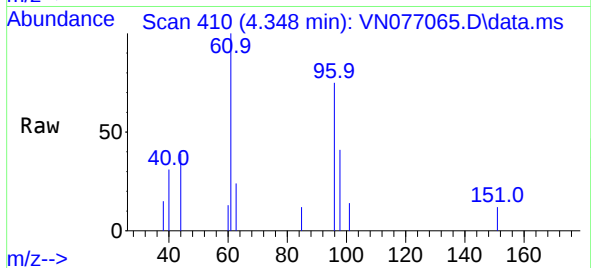
Tgt Ion:101 Resp: 4054
Ion Ratio Lower Upper
101 100
85 38.3 36.6 55.0
151 65.5 56.9 85.3



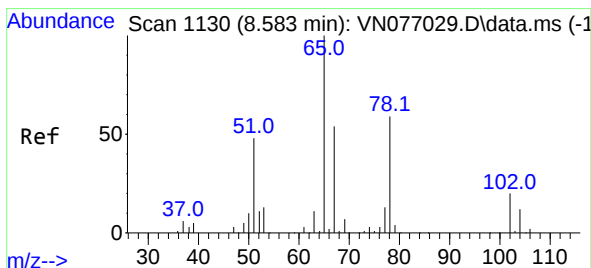
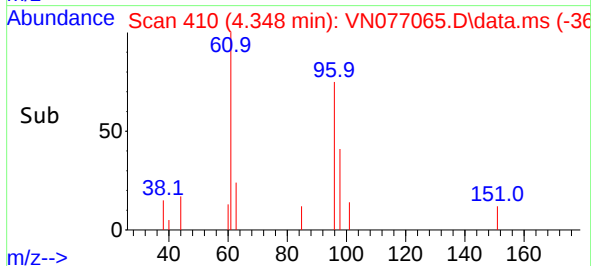
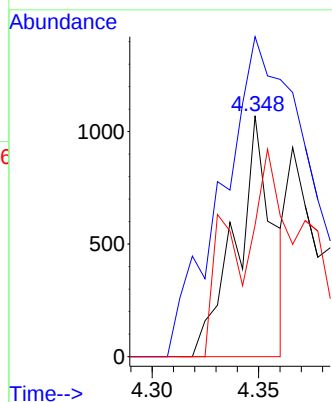


#12
1,1-Dichloroethene
Concen: 0.272 ug/l
RT: 4.348 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN077065.D
Acq: 20 Mar 2023 13:53

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20230313DL

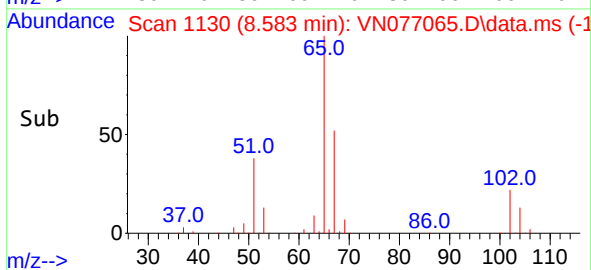
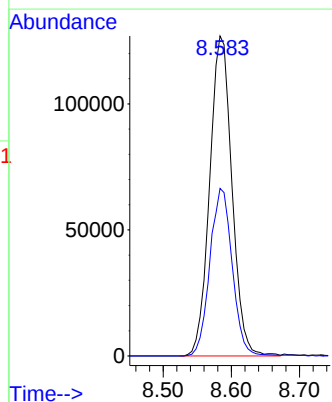
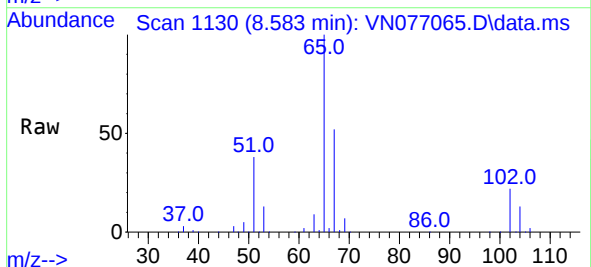


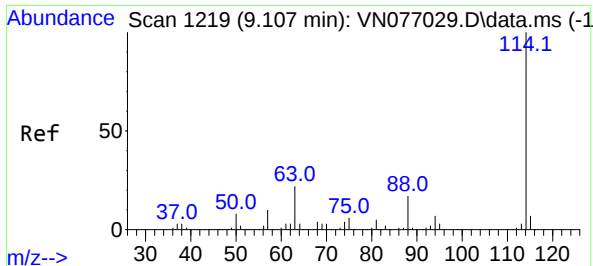
Tgt Ion: 96 Resp: 1276
Ion Ratio Lower Upper
96 100
61 108.4 133.8 200.8#
98 54.6 48.6 72.8



#33
1,2-Dichloroethane-d4
Concen: 46.828 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077065.D
Acq: 20 Mar 2023 13:53

Tgt Ion: 65 Resp: 288812
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.2

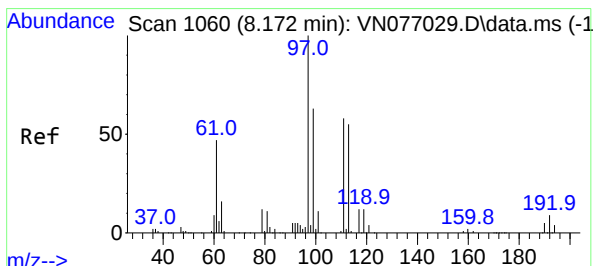
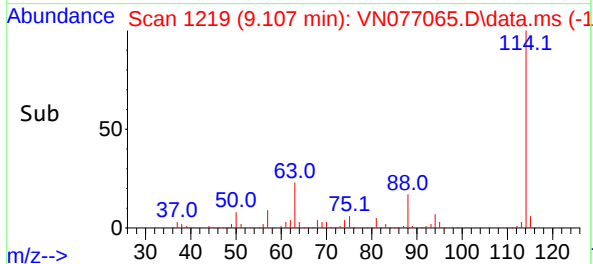
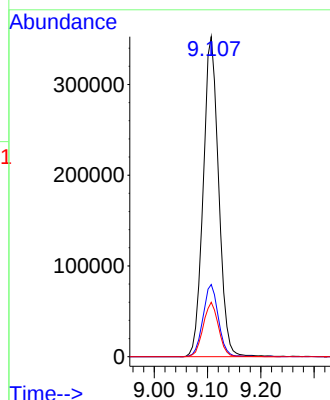
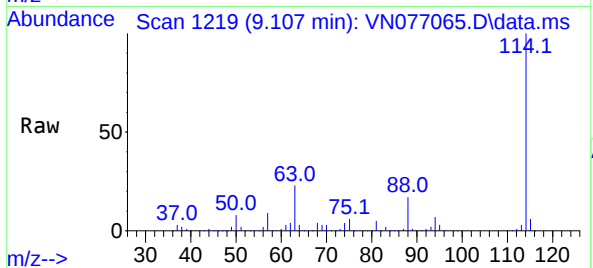




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077065.D
Acq: 20 Mar 2023 13:53

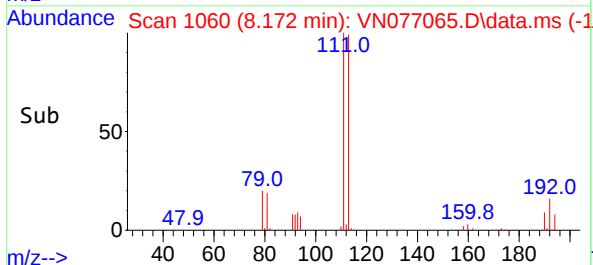
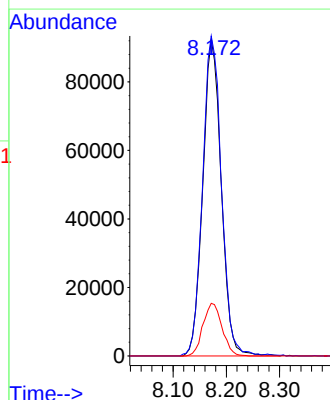
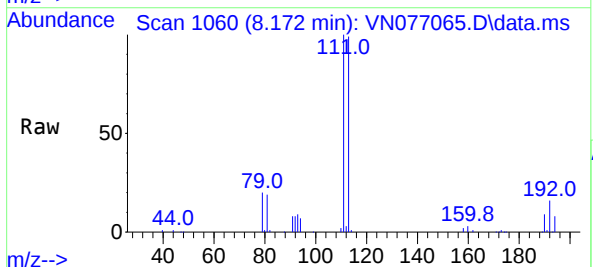
Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20230313DL

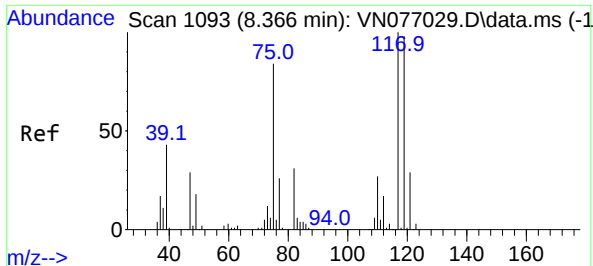
Tgt Ion:114 Resp: 707556
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.6
88 17.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 44.880 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077065.D
Acq: 20 Mar 2023 13:53

Tgt Ion:113 Resp: 222387
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 17.2 13.0 19.6

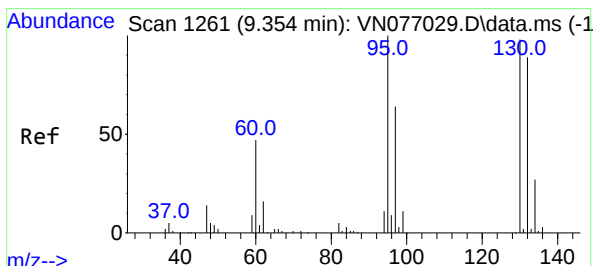
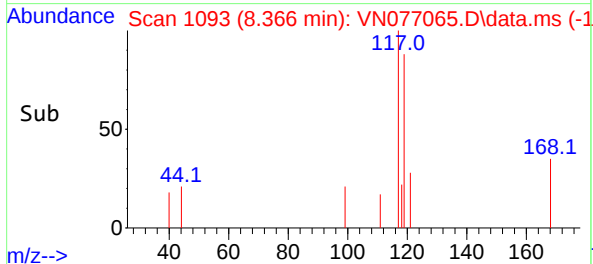
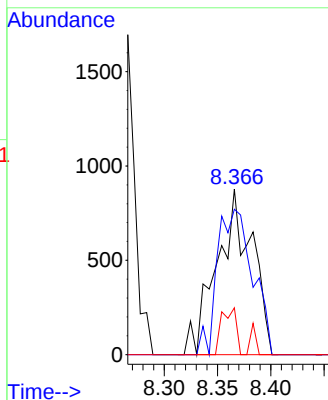
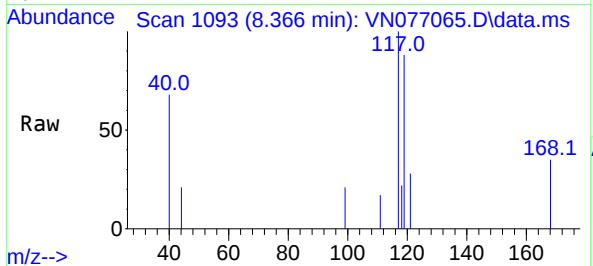




#38
Carbon Tetrachloride
Concen: 0.270 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077065.D
Acq: 20 Mar 2023 13:53

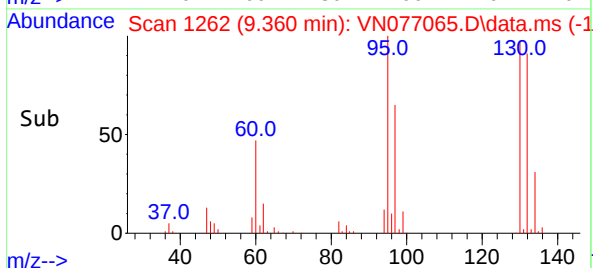
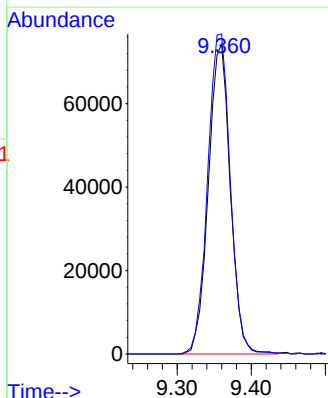
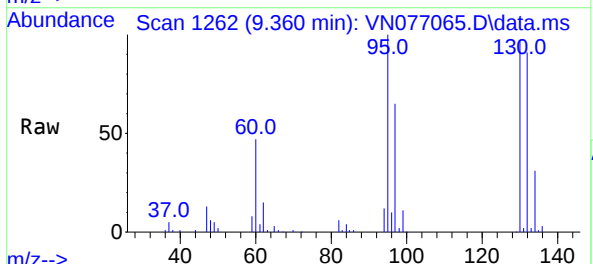
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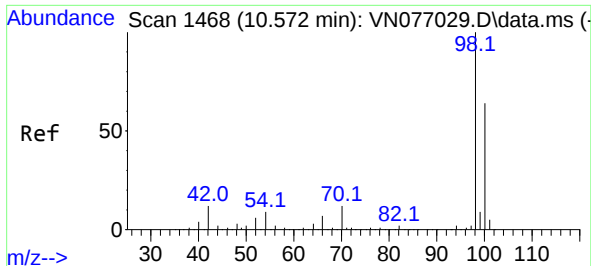
Tgt Ion:117 Resp: 2032
Ion Ratio Lower Upper
117 100
119 87.8 78.2 117.2
121 28.2 23.2 34.8



#44
Trichloroethene
Concen: 28.269 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077065.D
Acq: 20 Mar 2023 13:53

Tgt Ion:130 Resp: 152411
Ion Ratio Lower Upper
130 100
95 103.3 0.0 204.4

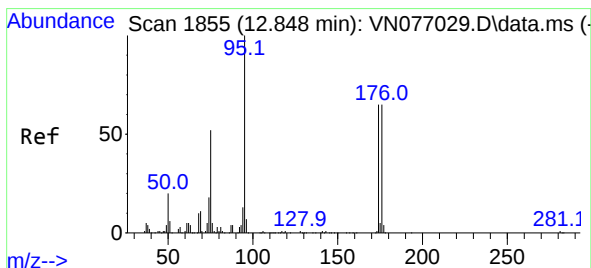
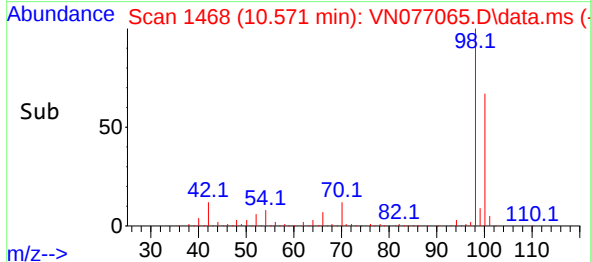
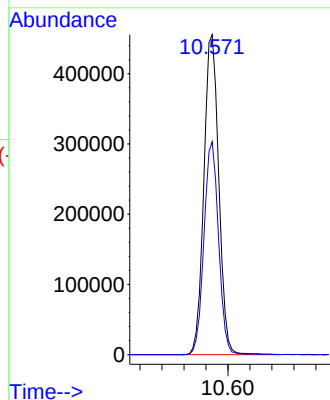
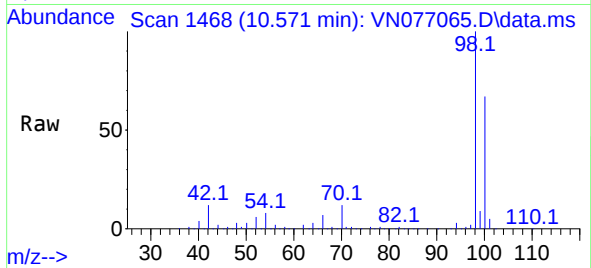




#50
Toluene-d8
Concen: 48.420 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077065.D
Acq: 20 Mar 2023 13:53

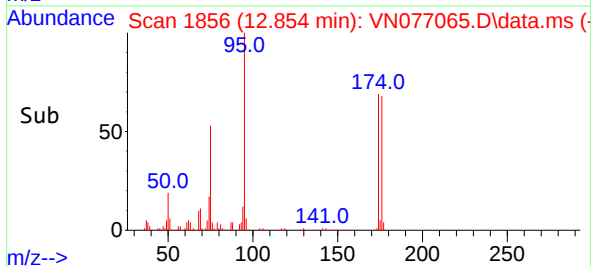
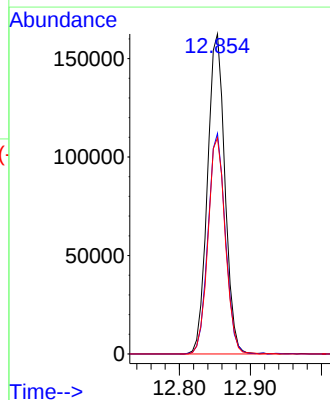
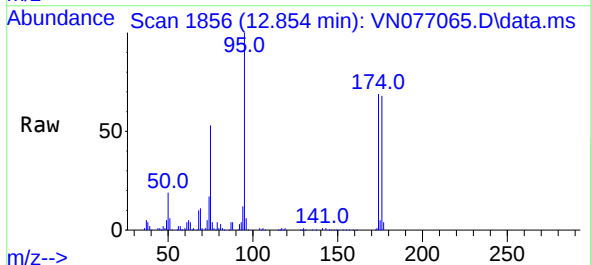
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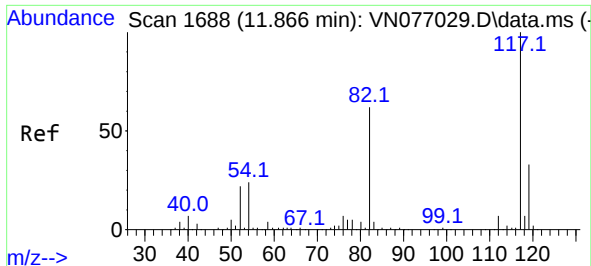
Tgt Ion: 98 Resp: 857040
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.279 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077065.D
Acq: 20 Mar 2023 13:53

Tgt Ion: 95 Resp: 276947
Ion Ratio Lower Upper
95 100
174 68.3 0.0 136.6
176 67.0 0.0 130.0

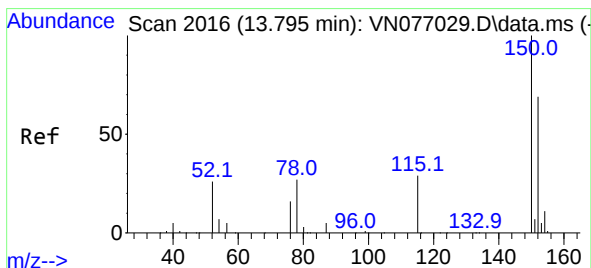
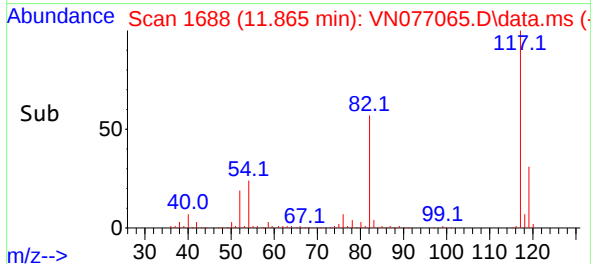
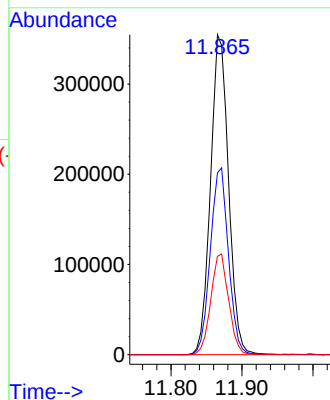
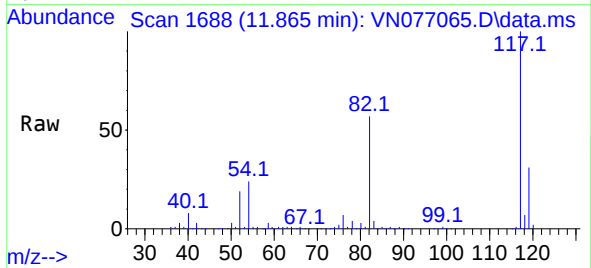




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077065.D
Acq: 20 Mar 2023 13:53

Instrument :
MSVOA_N
ClientSampleId :
RE139D1-20230313DL

Tgt Ion:117 Resp: 624641
Ion Ratio Lower Upper
117 100
82 56.8 49.4 74.0
119 30.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077065.D
Acq: 20 Mar 2023 13:53

Tgt Ion:152 Resp: 228087
Ion Ratio Lower Upper
152 100
115 64.5 31.9 95.7
150 159.8 0.0 348.0

