

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077966.D
 Acq On : 30 May 2023 13:51
 Operator : JC\MD
 Sample : 02973-11 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INTERCEPTOR-SUMP-20230526

Quant Time: May 31 02:07:01 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)

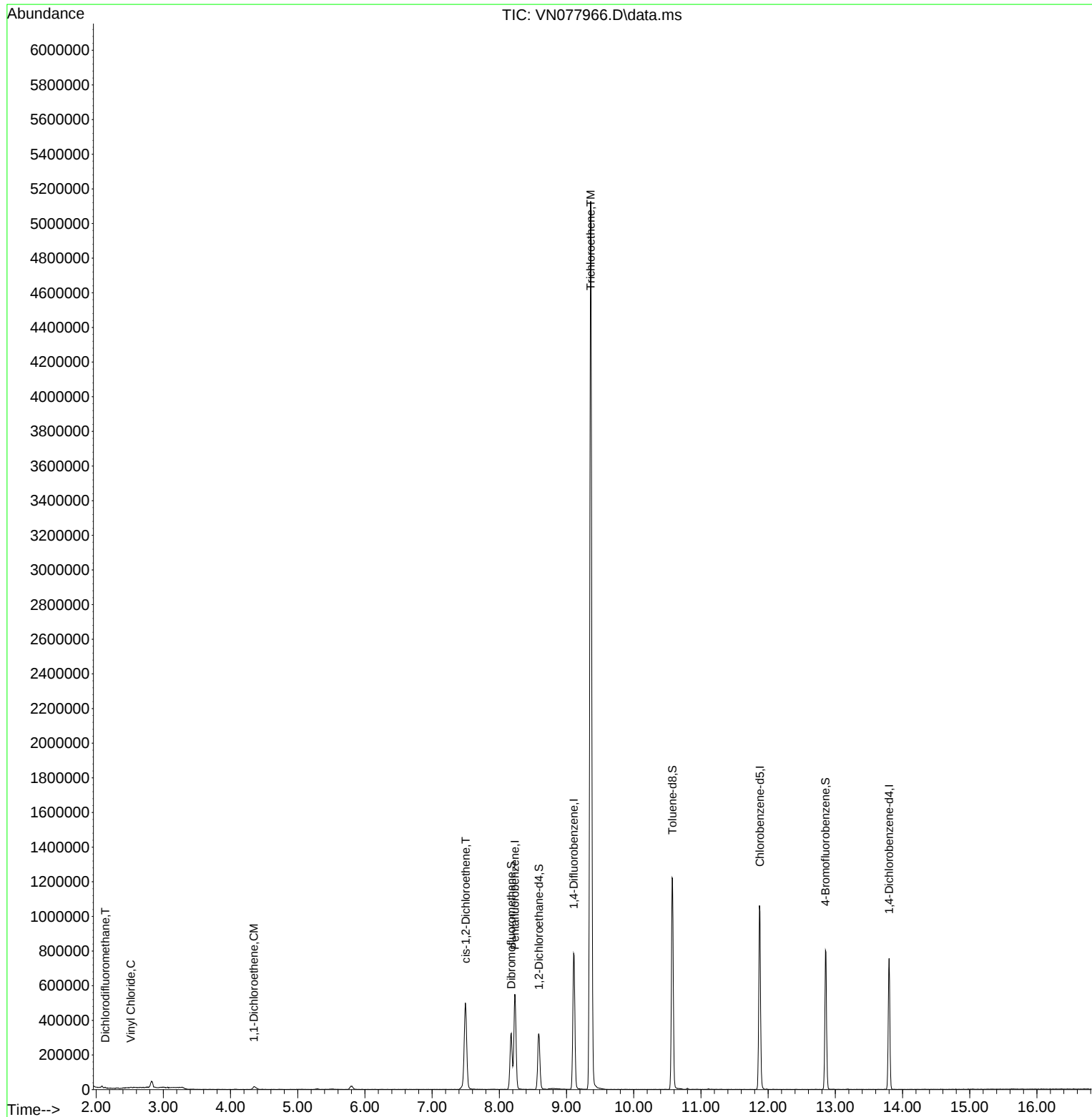
Internal Standards						
1) Pentafluorobenzene	8.230	168	395196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	711833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	636649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	196735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	268861	45.468	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.940%
35) Dibromofluoromethane	8.177	113	229070	49.350	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.700%
50) Toluene-d8	10.577	98	905670	50.691	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.380%
62) 4-Bromofluorobenzene	12.853	95	295489	46.828	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	2965	0.659	ug/l	94
4) Vinyl Chloride	2.518	62	3102	0.547	ug/l #	68
12) 1,1-Dichloroethene	4.348	96	8828	2.124	ug/l #	83
27) cis-1,2-Dichloroethene	7.500	96	302454	54.025	ug/l	98
44) Trichloroethene	9.359	130	1792652	353.367	ug/l	98

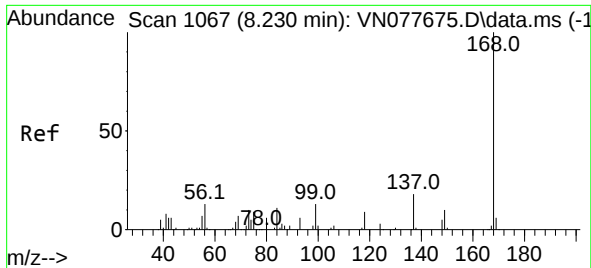
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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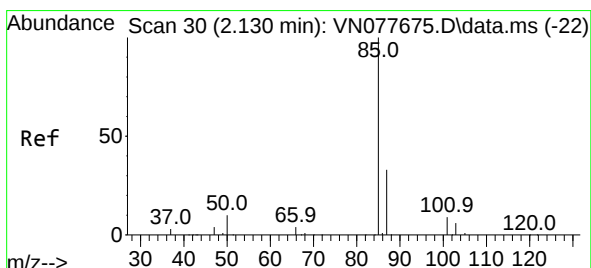
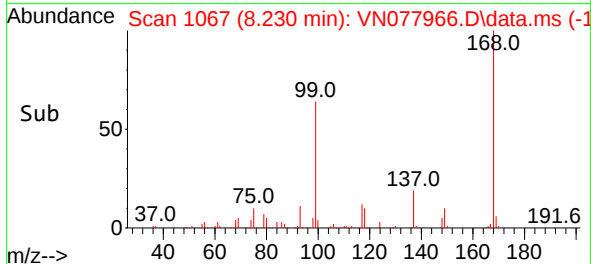
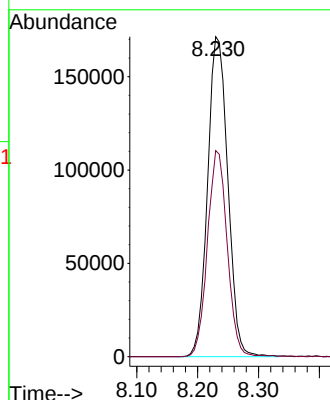
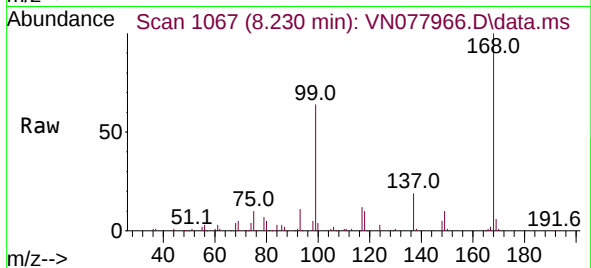




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077966.D
Acq: 30 May 2023 13:51

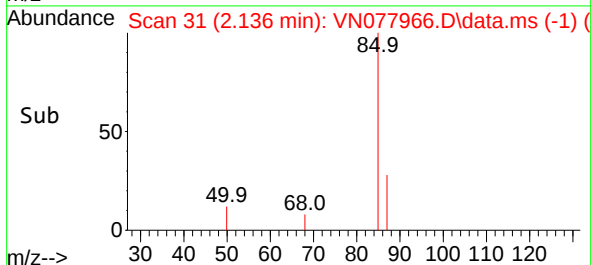
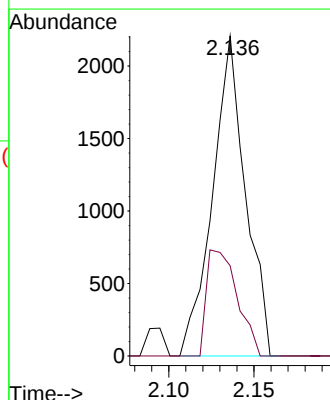
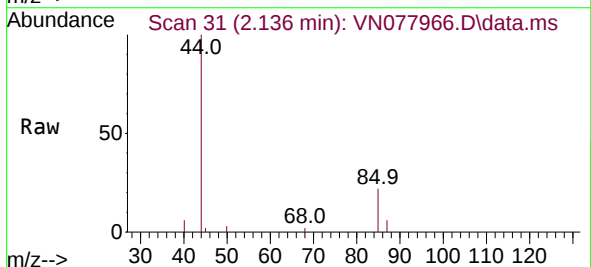
Instrument :
MSVOA_N
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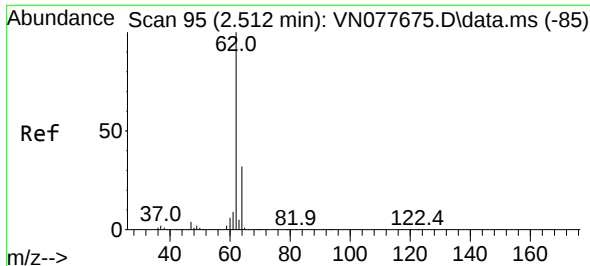
Tgt Ion:168 Resp: 395196
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.659 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077966.D
Acq: 30 May 2023 13:51

Tgt Ion: 85 Resp: 2965
Ion Ratio Lower Upper
85 100
87 28.2 15.8 47.4

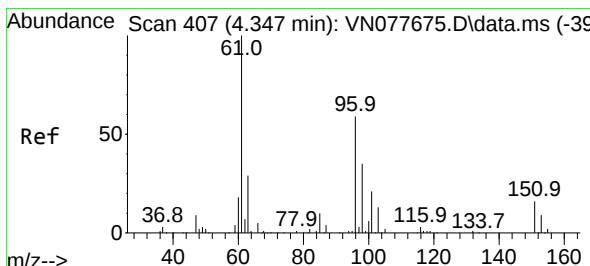
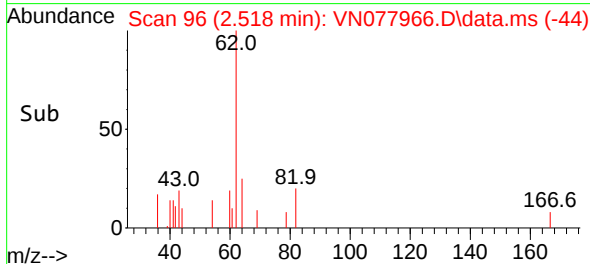
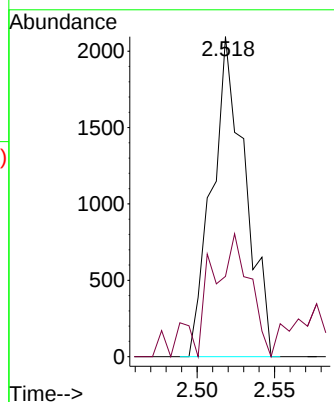
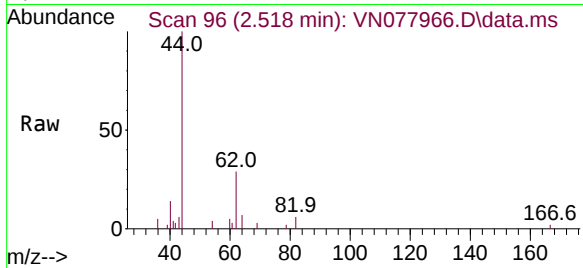




#4
 Vinyl Chloride
 Concen: 0.547 ug/l
 RT: 2.518 min Scan# 95
 Delta R.T. 0.006 min
 Lab File: VN077966.D
 Acq: 30 May 2023 13:51

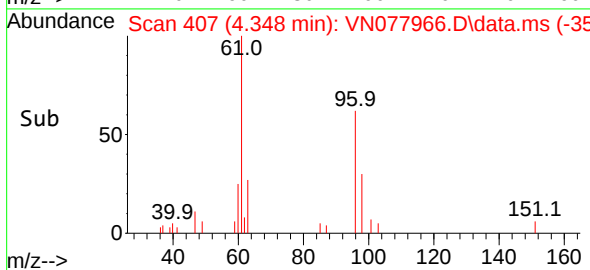
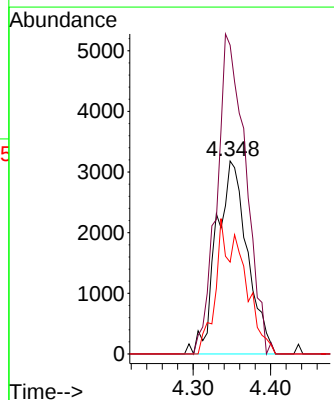
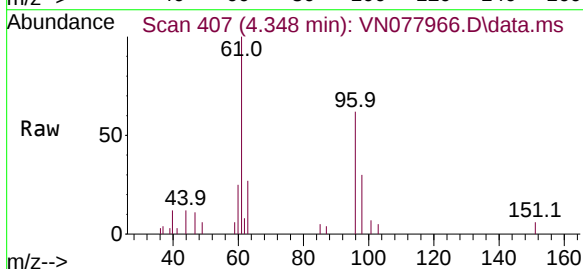
Instrument :
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 ClientSampleId :
 INTERCEPTOR-SUMP-20230526

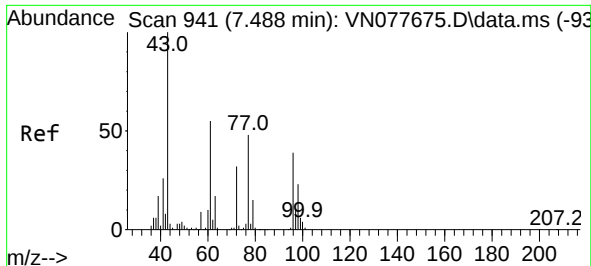
Tgt Ion: 62 Resp: 3102
 Ion Ratio Lower Upper
 62 100
 64 14.8 26.2 39.2#



#12
 1,1-Dichloroethene
 Concen: 2.124 ug/l
 RT: 4.348 min Scan# 407
 Delta R.T. 0.001 min
 Lab File: VN077966.D
 Acq: 30 May 2023 13:51

Tgt Ion: 96 Resp: 8828
 Ion Ratio Lower Upper
 96 100
 61 160.1 112.7 169.1
 98 47.6 51.2 76.8#

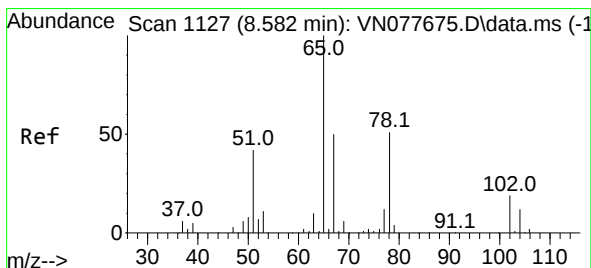
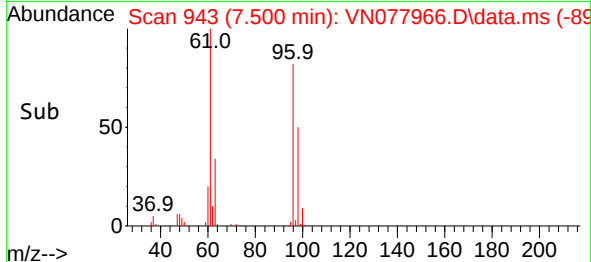
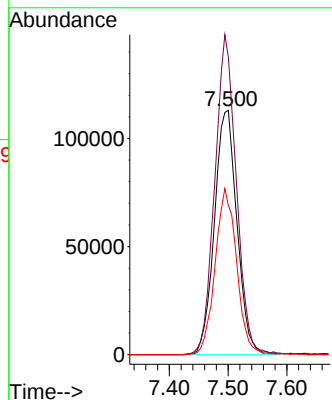
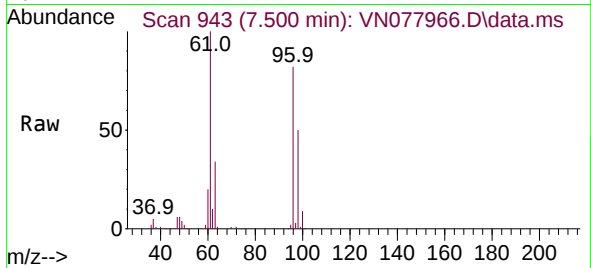




#27
 cis-1,2-Dichloroethene
 Concen: 54.025 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN077966.D
 Acq: 30 May 2023 13:51

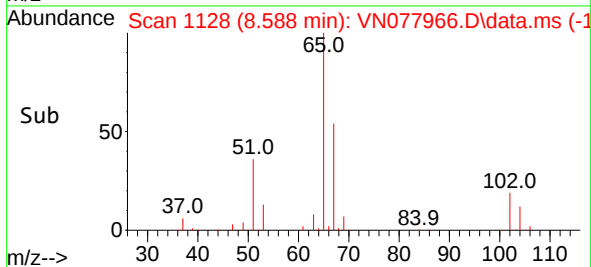
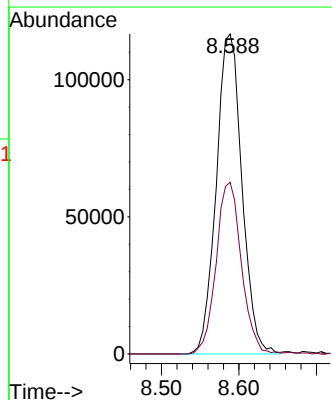
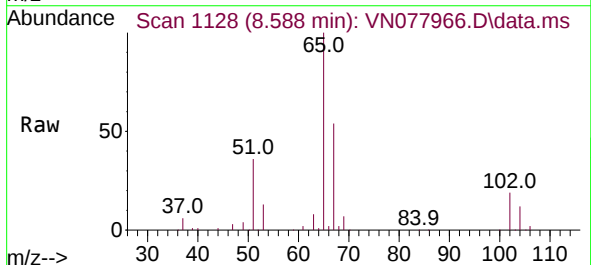
Instrument :
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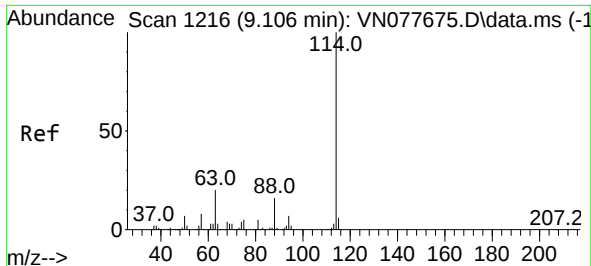
Tgt Ion: 96 Resp: 302454
 Ion Ratio Lower Upper
 96 100
 61 124.5 0.0 255.2
 98 64.4 0.0 128.8



#33
 1,2-Dichloroethane-d4
 Concen: 45.468 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VN077966.D
 Acq: 30 May 2023 13:51

Tgt Ion: 65 Resp: 268861
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.6

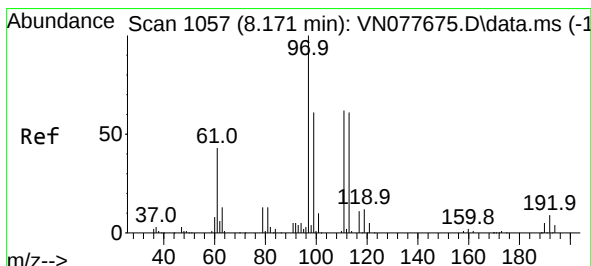
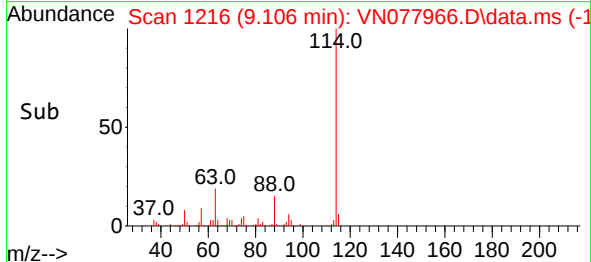
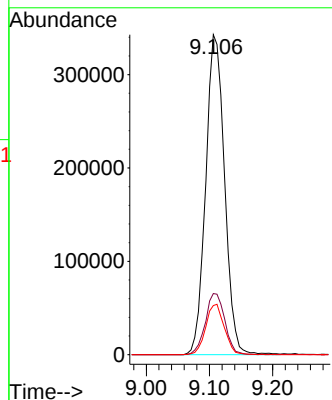
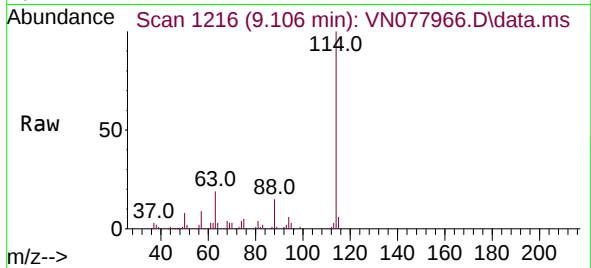




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077966.D
Acq: 30 May 2023 13:51

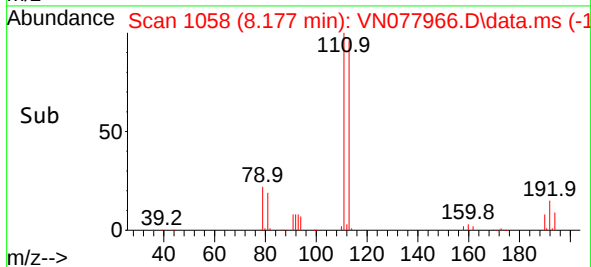
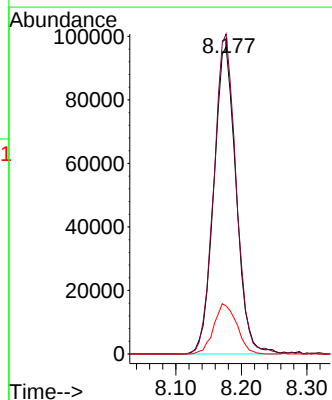
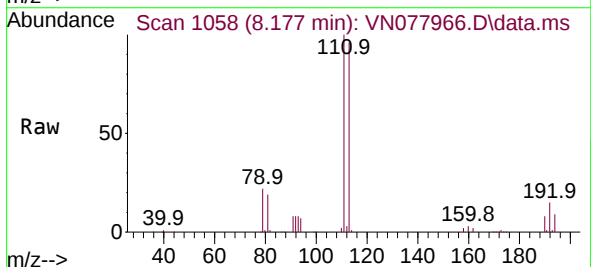
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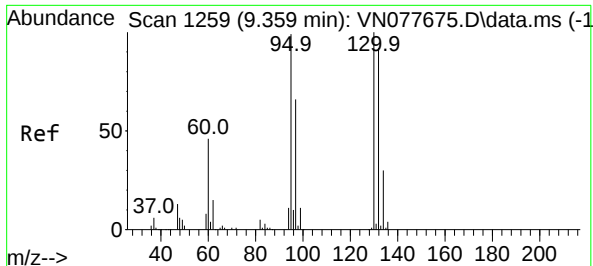
Tgt Ion:114 Resp: 711833
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.350 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077966.D
Acq: 30 May 2023 13:51

Tgt Ion:113 Resp: 229070
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 16.8 12.7 19.1

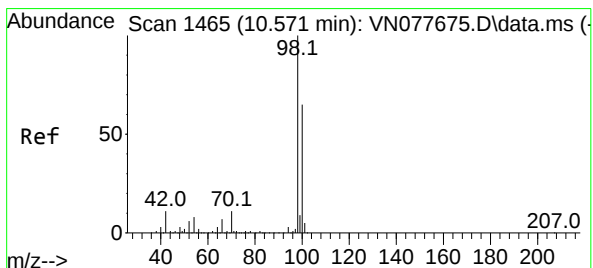
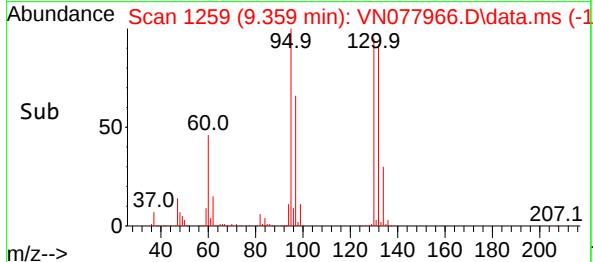
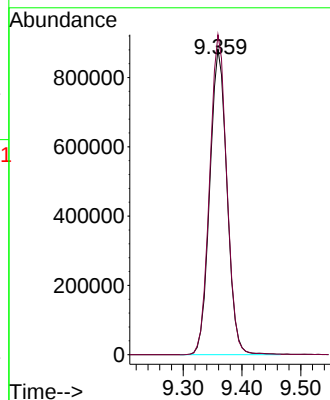
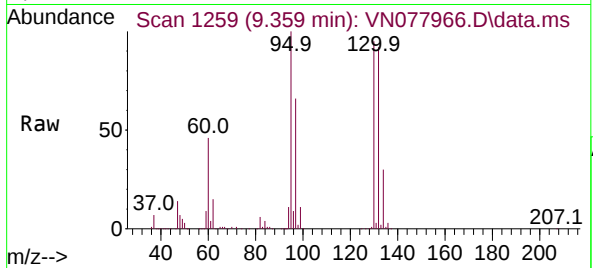




#44
Trichloroethene
Concen: 353.367 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077966.D
Acq: 30 May 2023 13:51

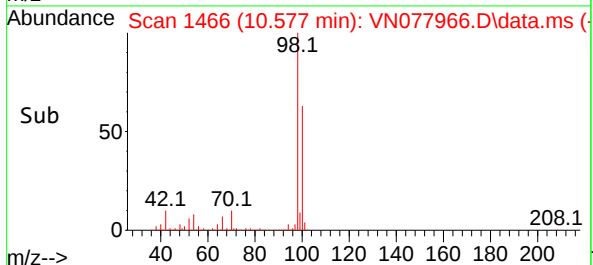
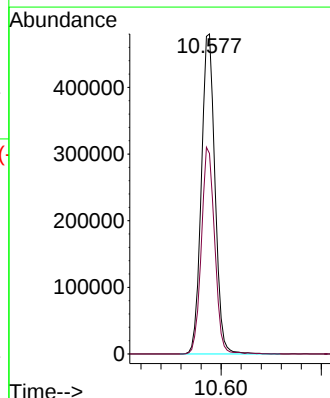
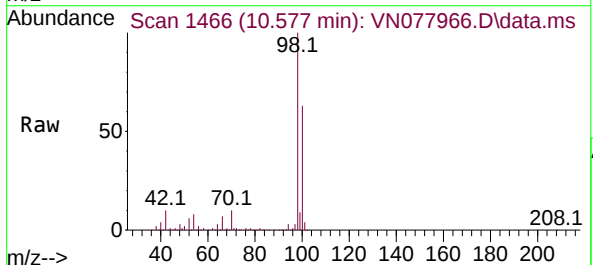
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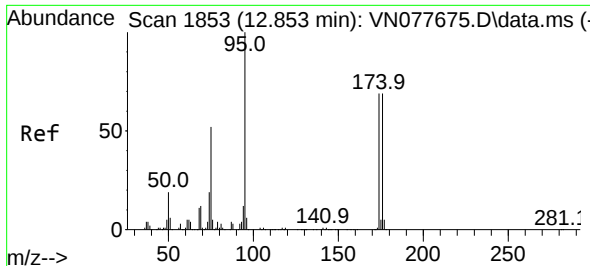
Tgt Ion:130 Resp: 1792652
Ion Ratio Lower Upper
130 100
95 104.8 0.0 204.6



#50
Toluene-d8
Concen: 50.691 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077966.D
Acq: 30 May 2023 13:51

Tgt Ion: 98 Resp: 905670
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0

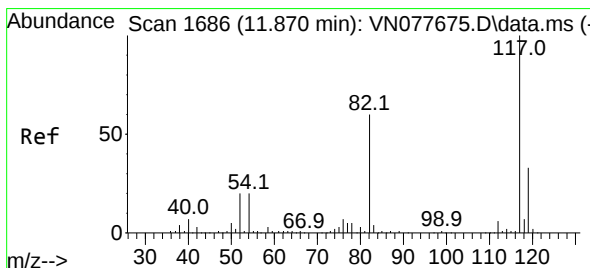
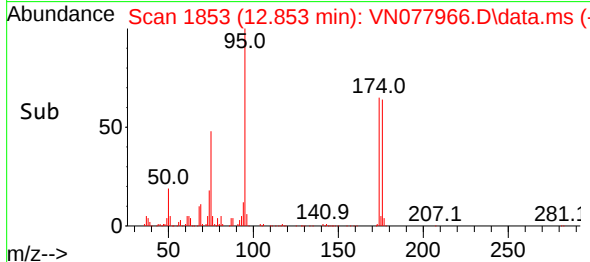
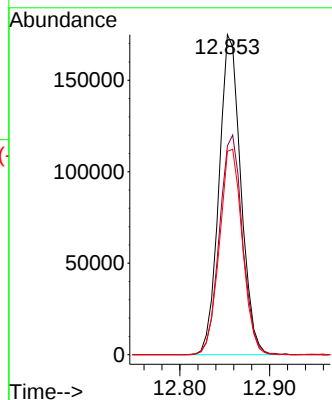
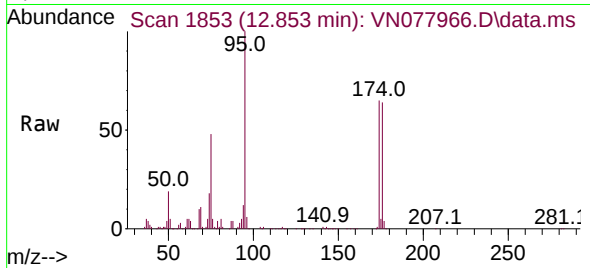




#62
4-Bromofluorobenzene
Concen: 46.828 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077966.D
Acq: 30 May 2023 13:51

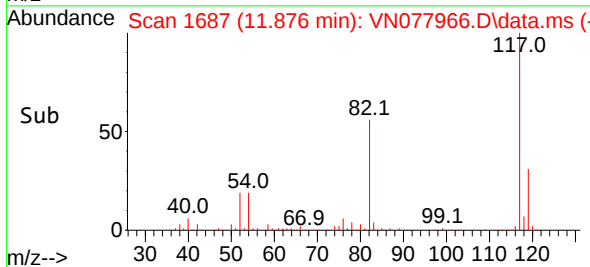
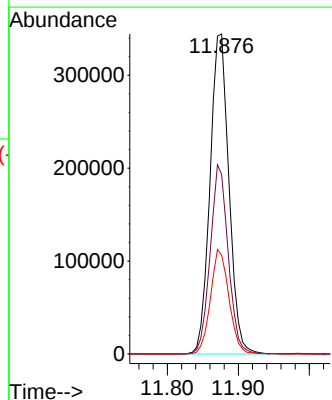
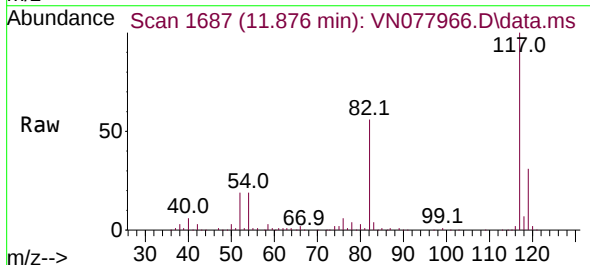
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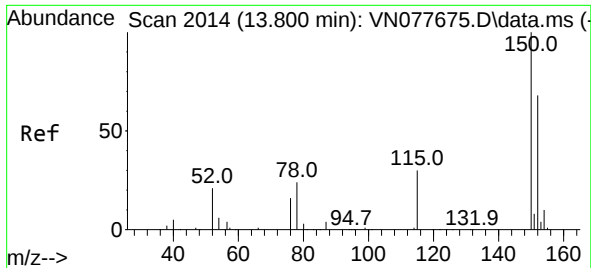
Tgt Ion: 95 Resp: 295489
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 67.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077966.D
Acq: 30 May 2023 13:51

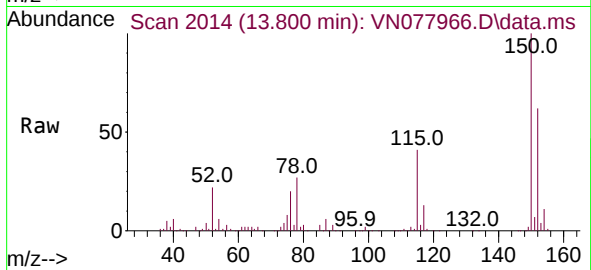
Tgt Ion: 117 Resp: 636649
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 30.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077966.D
 Acq: 30 May 2023 13:51

Instrument :
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Tgt Ion:152 Resp: 196735
 Ion Ratio Lower Upper
 152 100
 115 64.3 32.3 96.8
 150 160.8 0.0 355.8

