

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077071.D
 Acq On : 20 Mar 2023 16:18
 Operator : JC\MD
 Sample : 01941-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20230314

Quant Time: Mar 21 05:37:46 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)

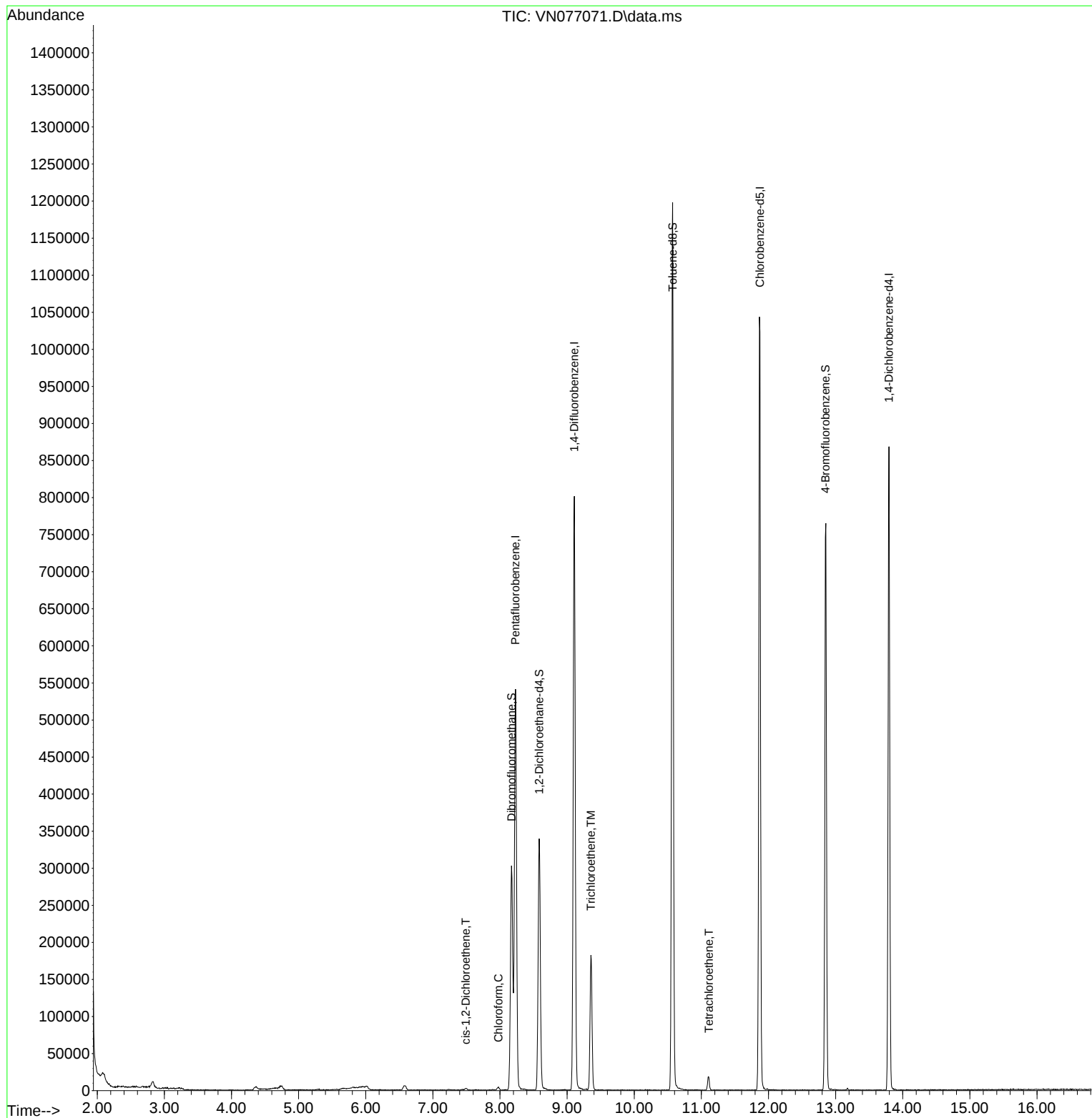
Internal Standards						
1) Pentafluorobenzene	8.230	168	379031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	689023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	594404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	223912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	284100	46.925	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.840%		
35) Dibromofluoromethane	8.172	113	220910	45.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.560%		
50) Toluene-d8	10.572	98	830108	48.159	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.320%		
62) 4-Bromofluorobenzene	12.848	95	275812	45.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.560%		
Target Compounds						
27) cis-1,2-Dichloroethene	7.489	96	1248	0.218	ug/l	93
30) Chloroform	7.978	83	4198	0.410	ug/l	93
44) Trichloroethene	9.354	130	64540	12.293	ug/l	99
64) Tetrachloroethene	11.113	164	4619	1.158	ug/l	88

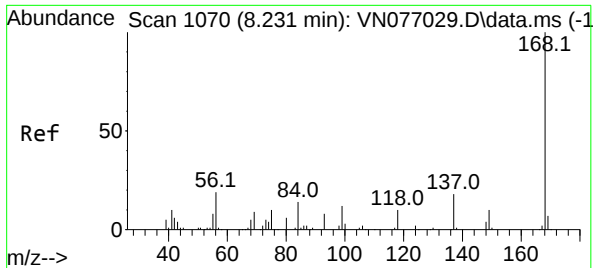
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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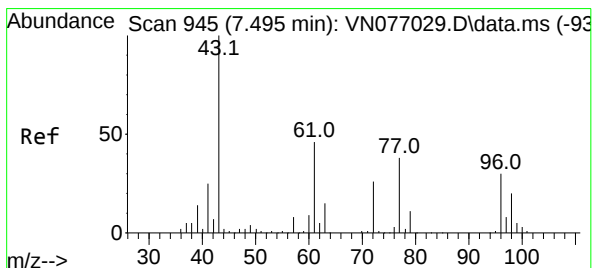
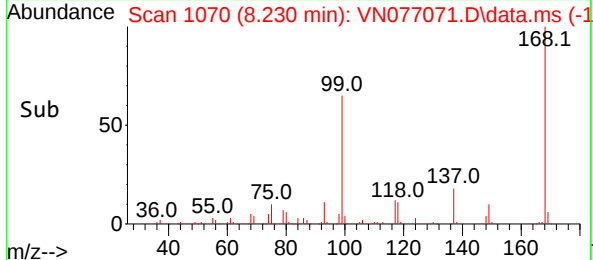
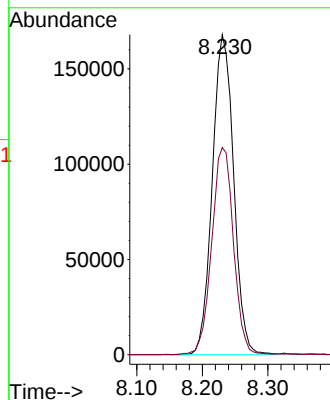
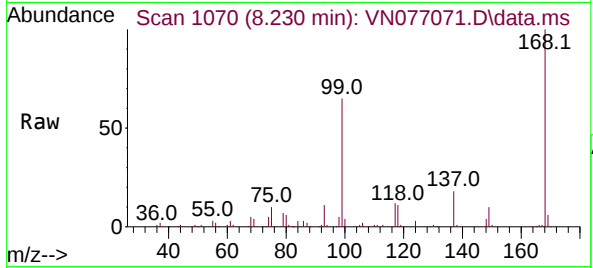




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077071.D
Acq: 20 Mar 2023 16:18

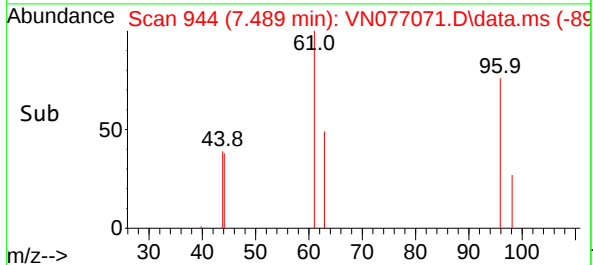
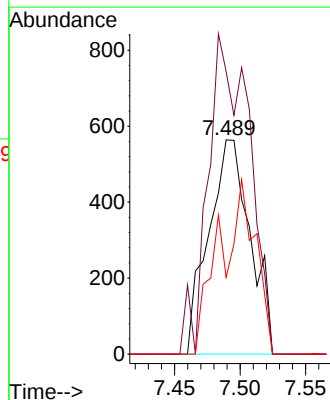
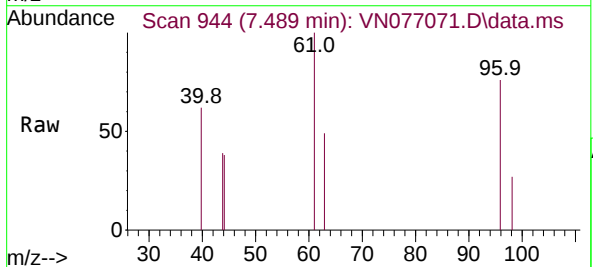
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20230314

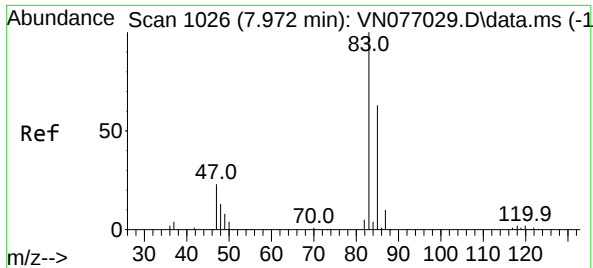
Tgt Ion:168 Resp: 379031
Ion Ratio Lower Upper
168 100
99 64.5 53.9 80.9



#27
cis-1,2-Dichloroethene
Concen: 0.218 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077071.D
Acq: 20 Mar 2023 16:18

Tgt Ion: 96 Resp: 1248
Ion Ratio Lower Upper
96 100
61 148.0 0.0 315.4
98 70.0 0.0 128.6

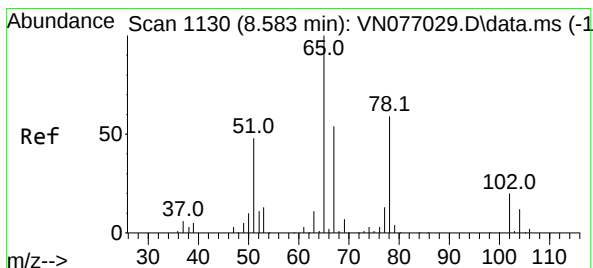
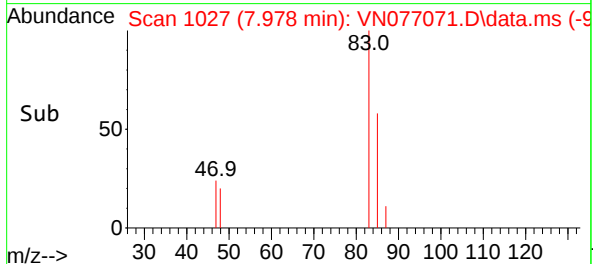
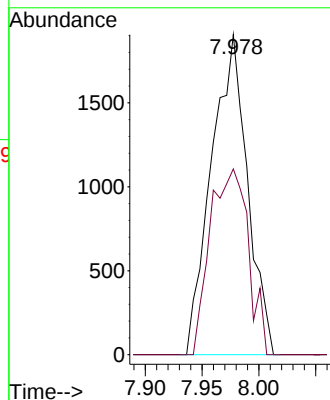
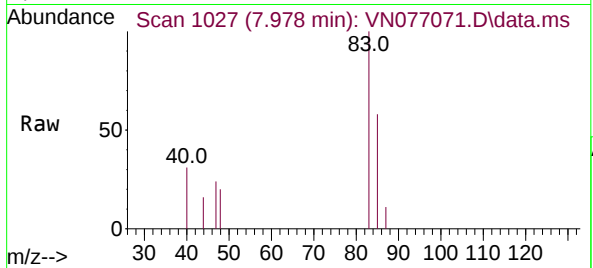




#30
Chloroform
Concen: 0.410 ug/l
RT: 7.978 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN077071.D
Acq: 20 Mar 2023 16:18

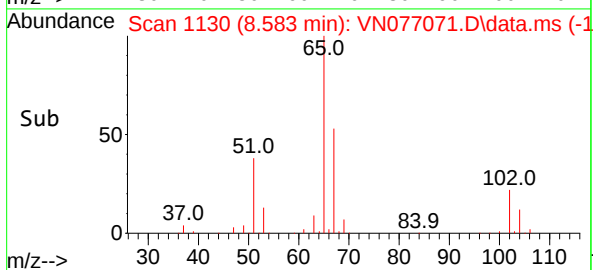
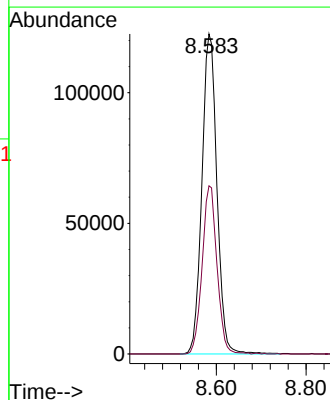
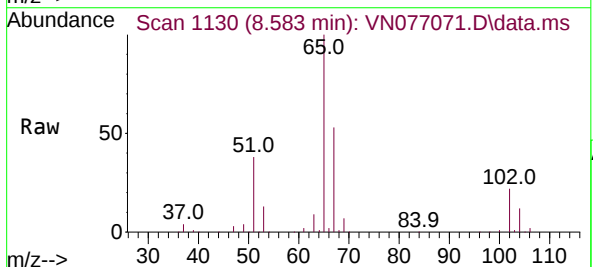
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20230314

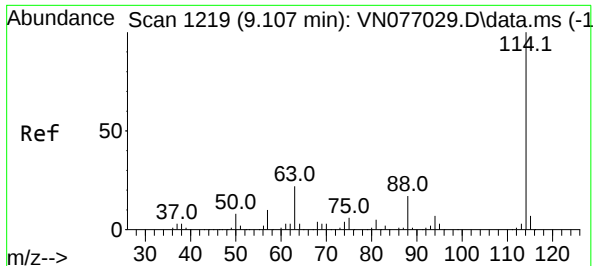
Tgt Ion: 83 Resp: 4198
Ion Ratio Lower Upper
83 100
85 58.1 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 46.925 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077071.D
Acq: 20 Mar 2023 16:18

Tgt Ion: 65 Resp: 284100
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077071.D

Acq: 20 Mar 2023 16:18

Instrument :

MSVOA_N

ClientSampleId :

TT162S1-20230314

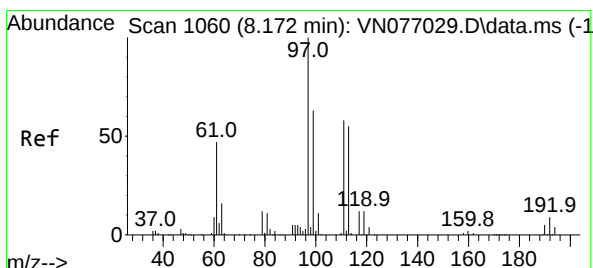
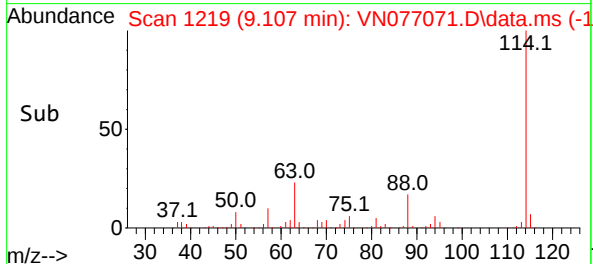
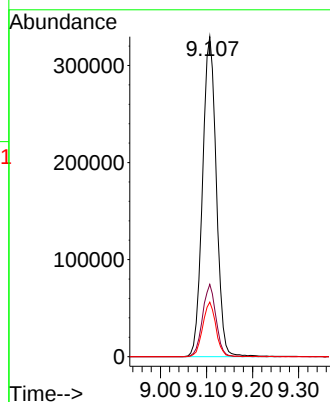
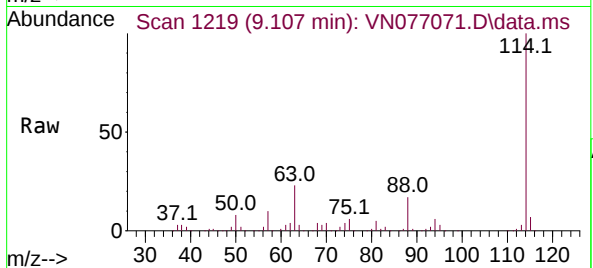
Tgt Ion:114 Resp: 689023

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 17.1 0.0 33.8



#35

Dibromofluoromethane

Concen: 45.781 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077071.D

Acq: 20 Mar 2023 16:18

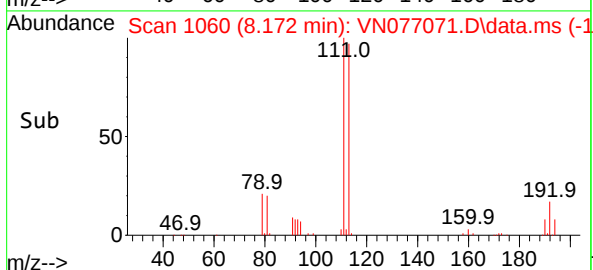
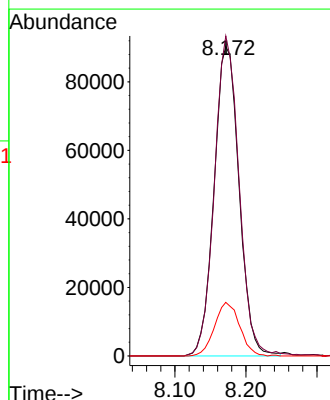
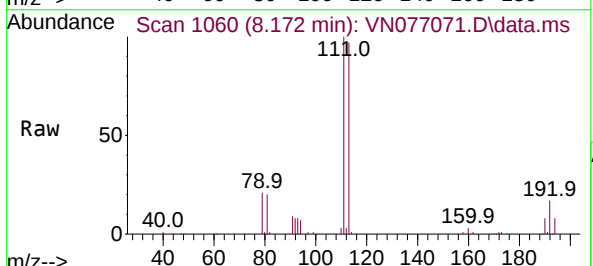
Tgt Ion:113 Resp: 220910

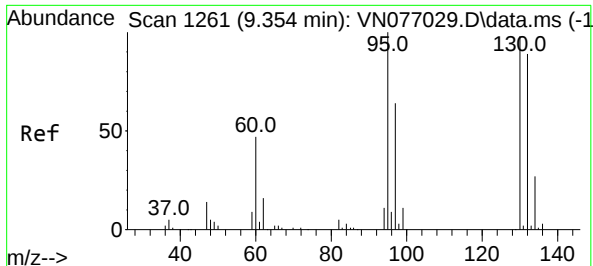
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

192 17.3 13.0 19.6

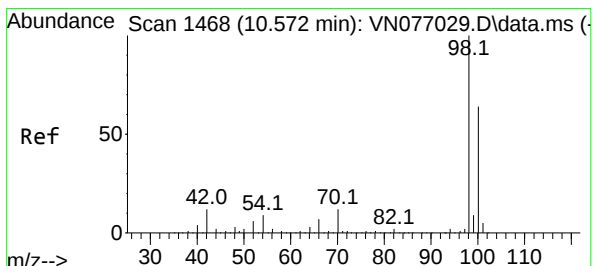
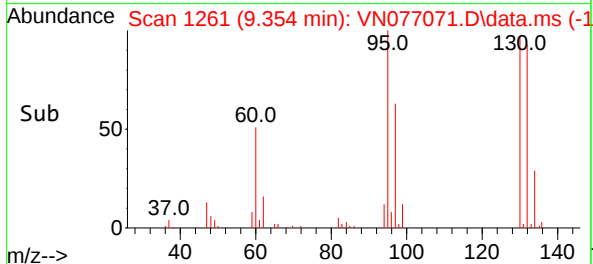
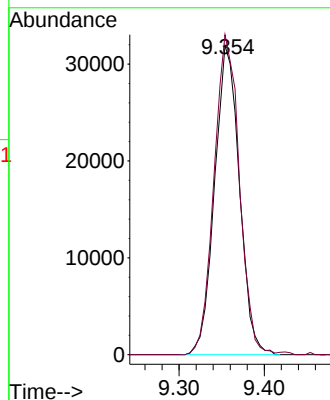
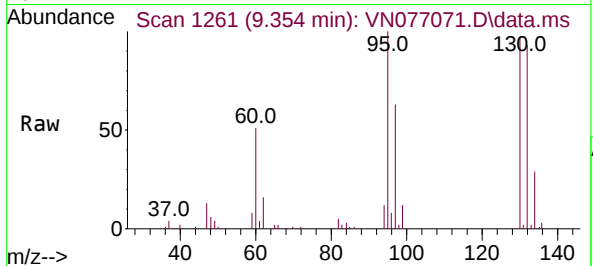




#44
Trichloroethene
Concen: 12.293 ug/l
RT: 9.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077071.D
Acq: 20 Mar 2023 16:18

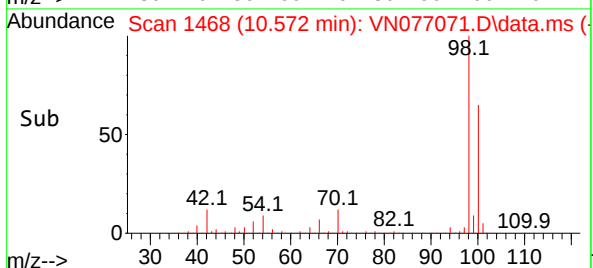
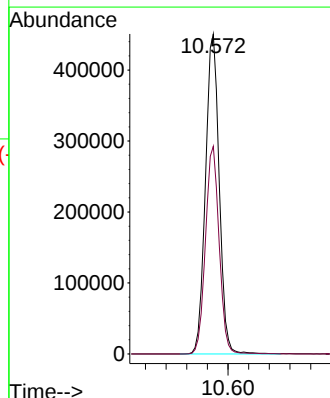
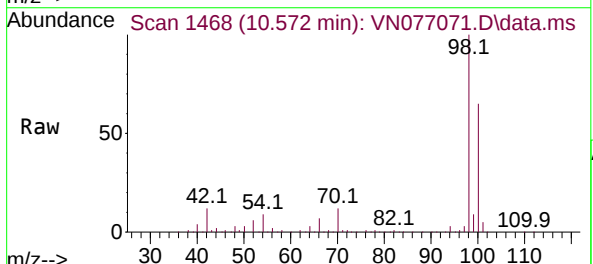
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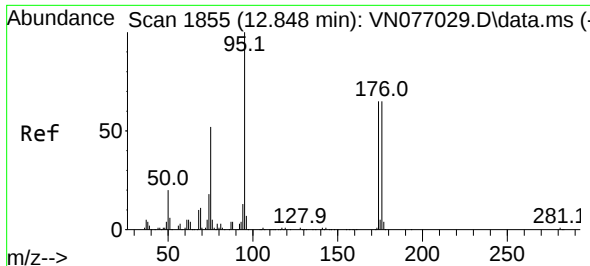
Tgt Ion:130 Resp: 64540
Ion Ratio Lower Upper
130 100
95 103.4 0.0 204.4



#50
Toluene-d8
Concen: 48.159 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077071.D
Acq: 20 Mar 2023 16:18

Tgt Ion: 98 Resp: 830108
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

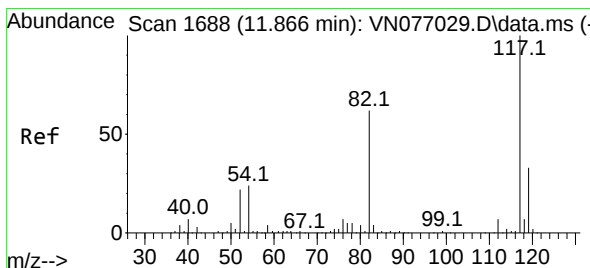
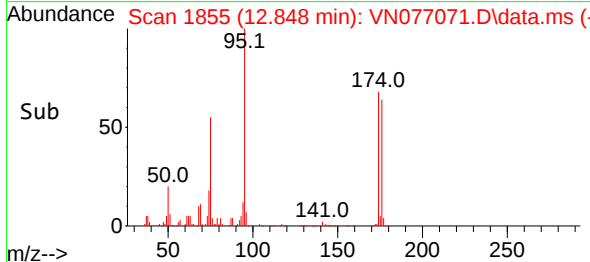
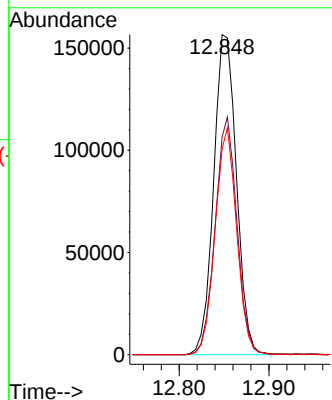
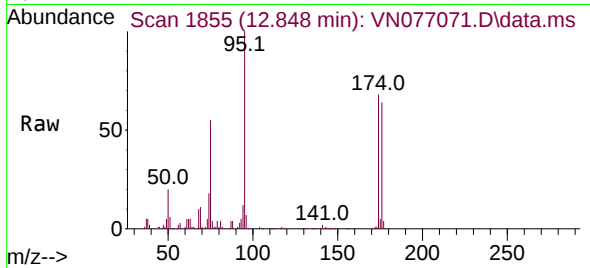




#62
4-Bromofluorobenzene
Concen: 45.283 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077071.D
Acq: 20 Mar 2023 16:18

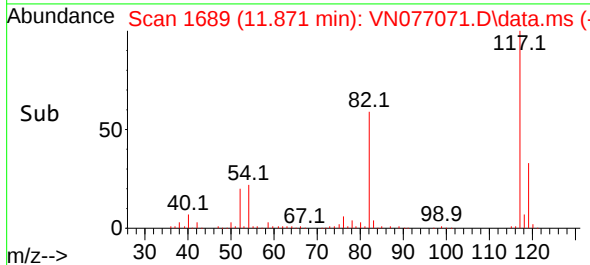
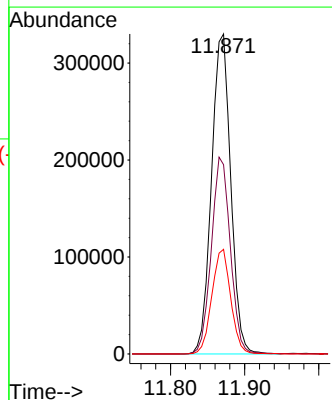
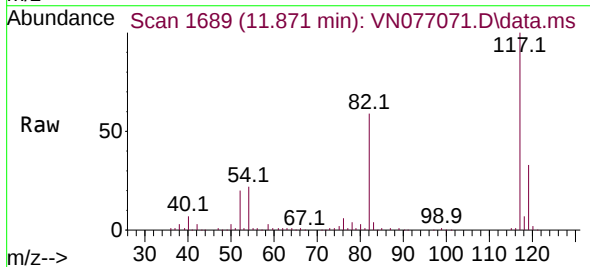
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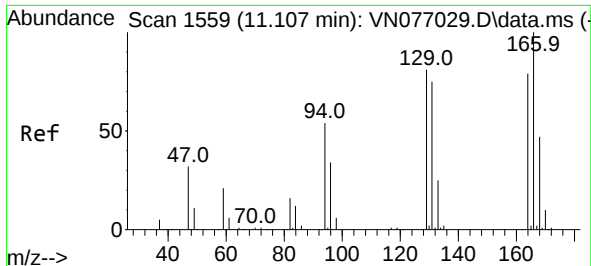
Tgt Ion: 95 Resp: 275812
Ion Ratio Lower Upper
95 100
174 71.1 0.0 136.6
176 67.0 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN077071.D
Acq: 20 Mar 2023 16:18

Tgt Ion: 117 Resp: 594404
Ion Ratio Lower Upper
117 100
82 59.1 49.4 74.0
119 32.7 26.5 39.7

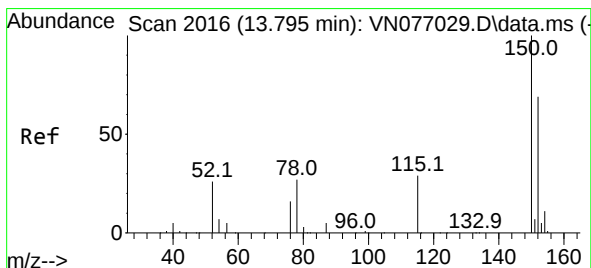
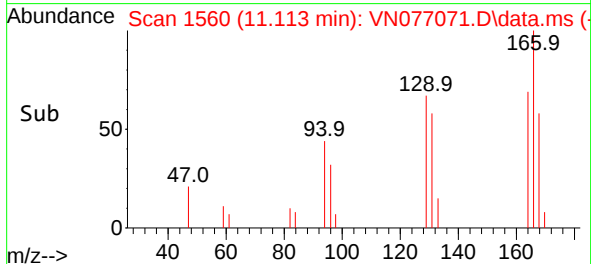
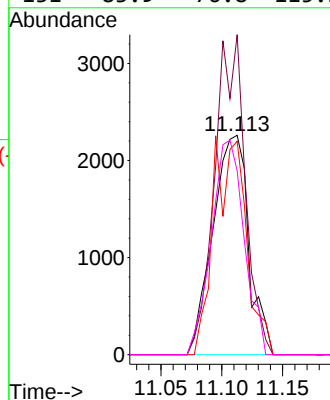
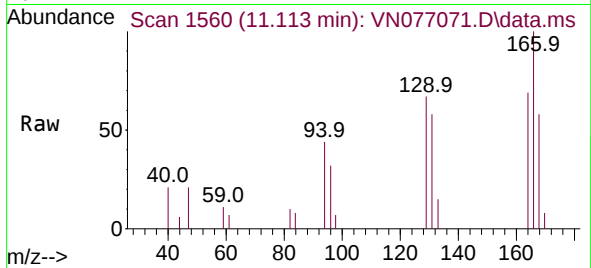




#64
Tetrachloroethene
Concen: 1.158 ug/l
RT: 11.113 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077071.D
Acq: 20 Mar 2023 16:18

Instrument :
MSVOA_N
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Tgt Ion:164 Resp: 4619
Ion Ratio Lower Upper
164 100
166 145.9 101.9 152.9
129 97.3 82.6 123.8
131 83.9 76.8 115.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077071.D
Acq: 20 Mar 2023 16:18

Tgt Ion:152 Resp: 223912
Ion Ratio Lower Upper
152 100
115 64.0 31.9 95.7
150 156.2 0.0 348.0

