

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075714.D
 Acq On : 12 Dec 2022 15:41
 Operator : JC\MD
 Sample : N6000-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-BR-04-138-152-120922

Quant Time: Dec 13 01:33:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

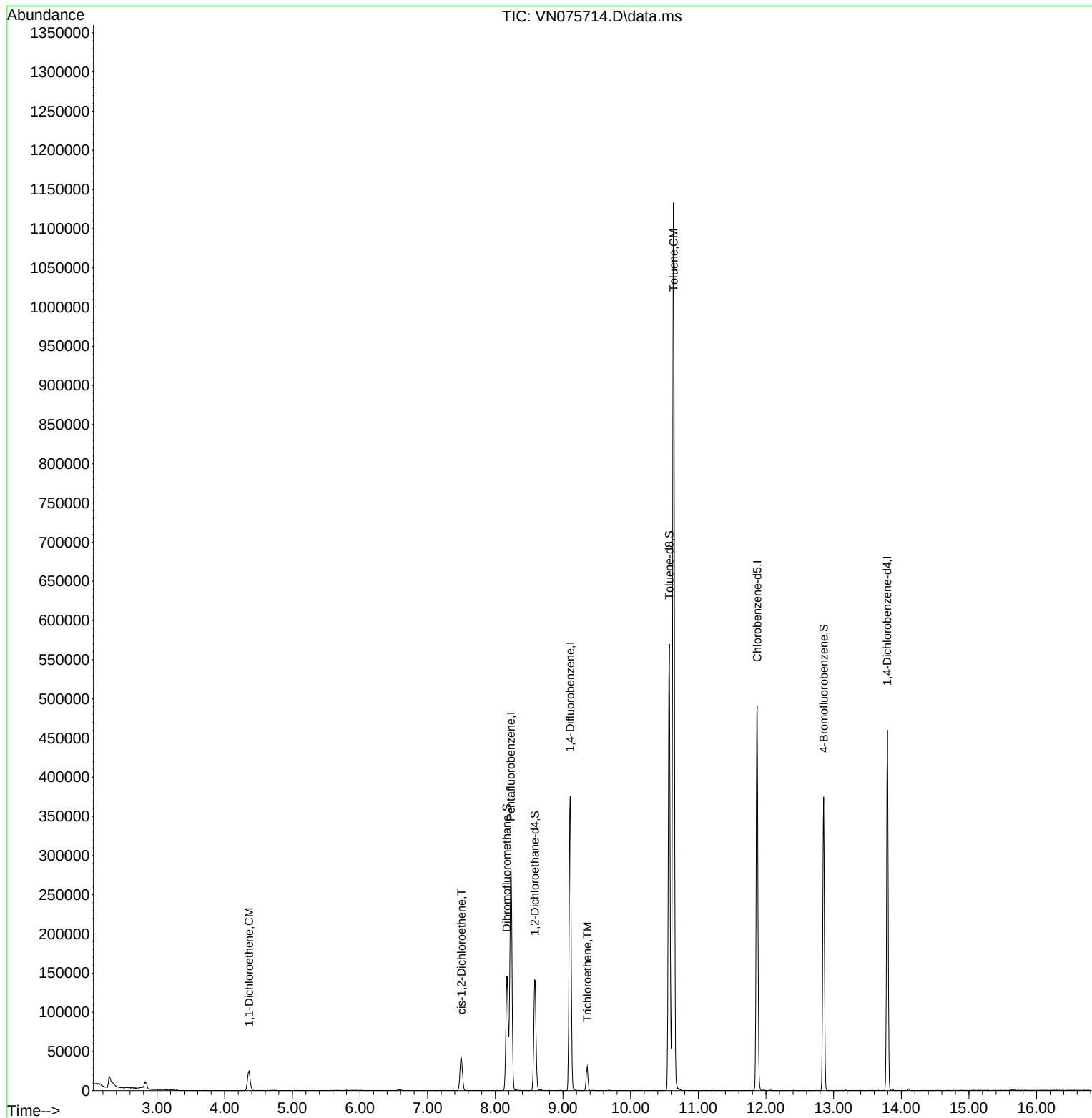
Internal Standards						
1) Pentafluorobenzene	8.230	168	227972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	350192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	308285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115906	47.918	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.840%		
35) Dibromofluoromethane	8.171	113	103458	48.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.840%		
50) Toluene-d8	10.571	98	409080	50.983	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.960%		
62) 4-Bromofluorobenzene	12.853	95	125126	45.610	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.220%		
Target Compounds						
12) 1,1-Dichloroethene	4.359	96	16809	8.607	ug/l	91
27) cis-1,2-Dichloroethene	7.500	96	28077	10.597	ug/l	92
44) Trichloroethene	9.359	130	10897	4.436	ug/l	92
52) Toluene	10.635	92	542666	94.297	ug/l	99

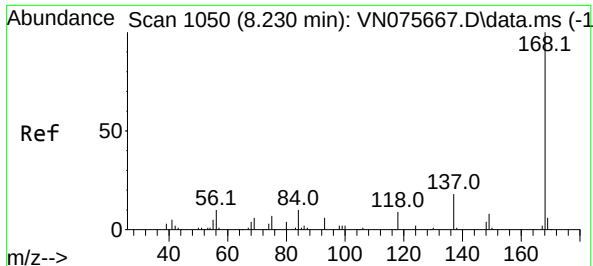
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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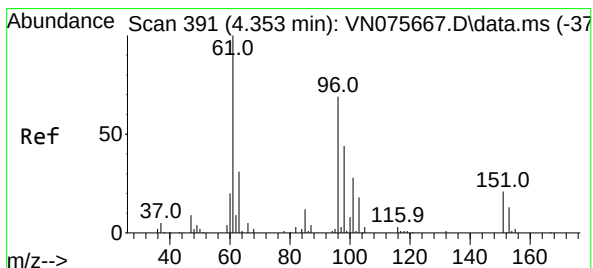
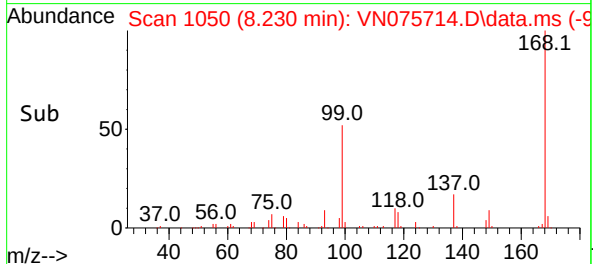
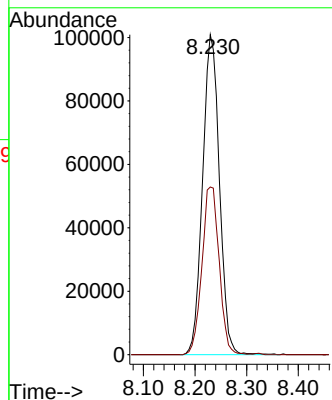
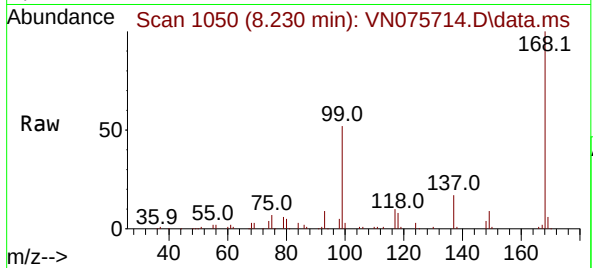




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075714.D
Acq: 12 Dec 2022 15:41

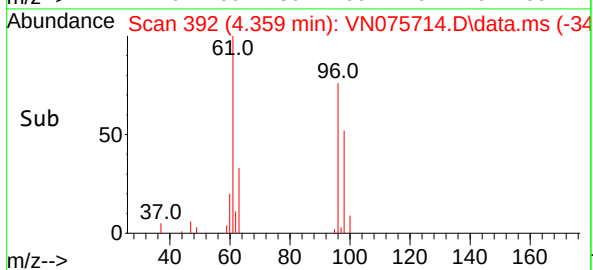
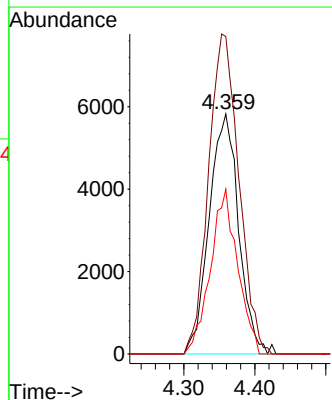
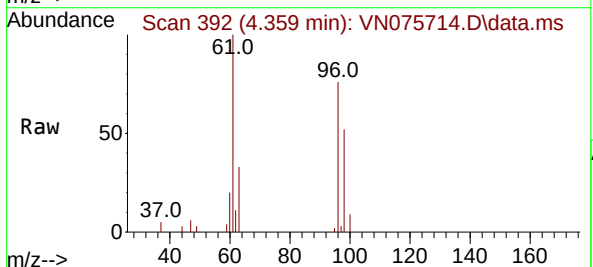
Instrument :
MSVOA_N
ClientSampleId :
GW-BR-04-138-152-120922

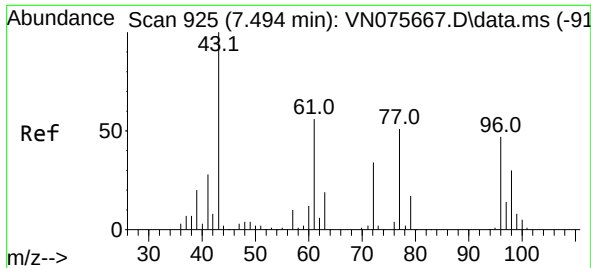
Tgt Ion:168 Resp: 227972
Ion Ratio Lower Upper
168 100
99 52.4 41.2 61.8



#12
1,1-Dichloroethene
Concen: 8.607 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN075714.D
Acq: 12 Dec 2022 15:41

Tgt Ion: 96 Resp: 16809
Ion Ratio Lower Upper
96 100
61 132.2 116.8 175.2
98 68.6 51.6 77.4

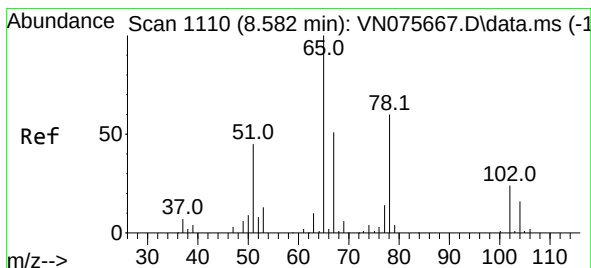
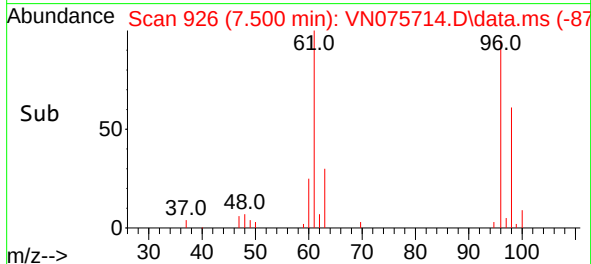
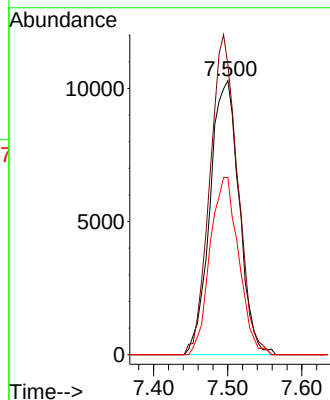
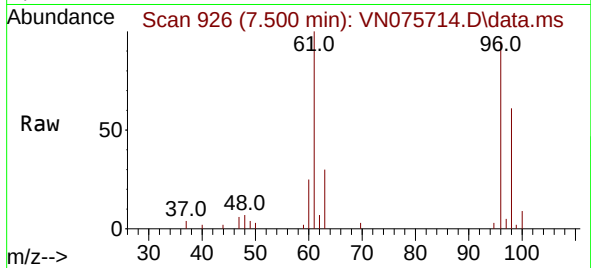




#27
 cis-1,2-Dichloroethene
 Concen: 10.597 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN075714.D
 Acq: 12 Dec 2022 15:41

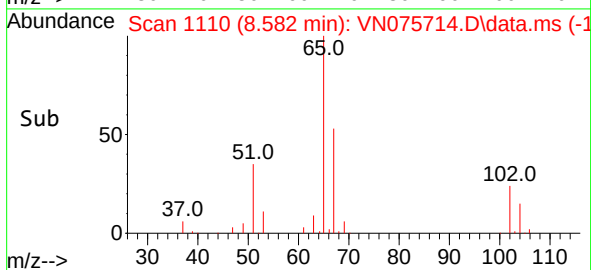
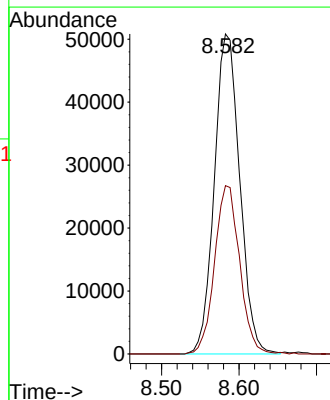
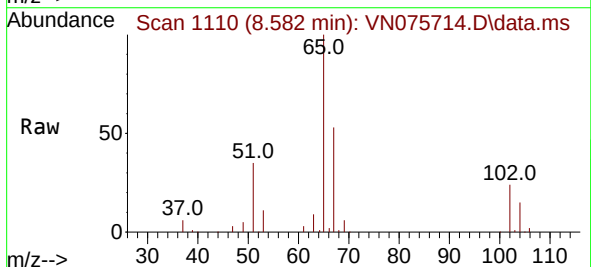
Instrument :
 MSVOA_N
 ClientSampleId :
 GW-BR-04-138-152-120922

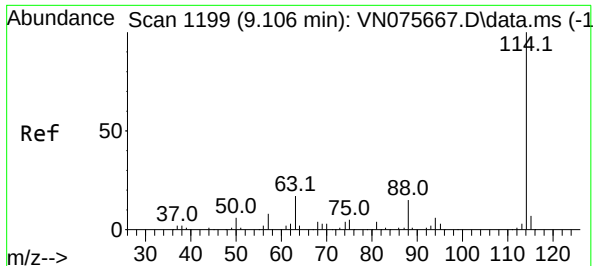
Tgt Ion: 96 Resp: 28077
 Ion Ratio Lower Upper
 96 100
 61 110.9 0.0 247.8
 98 63.5 0.0 126.0



#33
 1,2-Dichloroethane-d4
 Concen: 47.918 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN075714.D
 Acq: 12 Dec 2022 15:41

Tgt Ion: 65 Resp: 115906
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075714.D

Acq: 12 Dec 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

GW-BR-04-138-152-120922

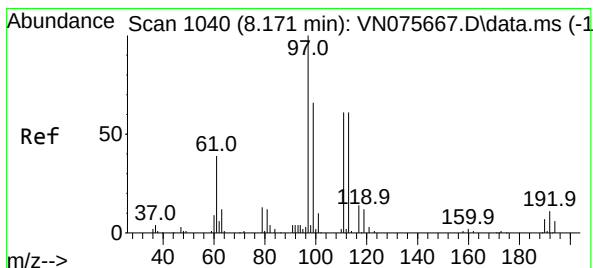
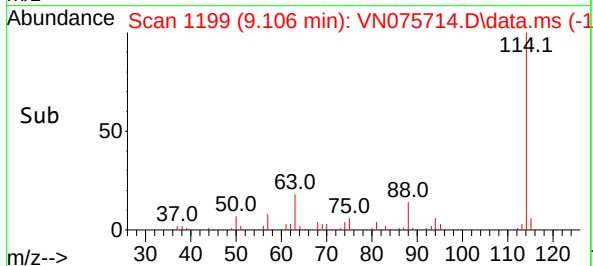
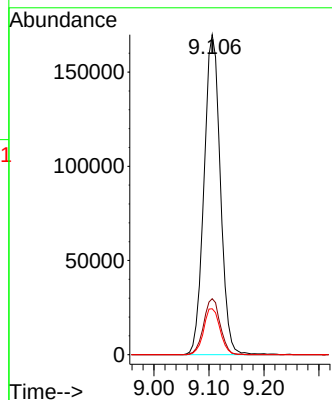
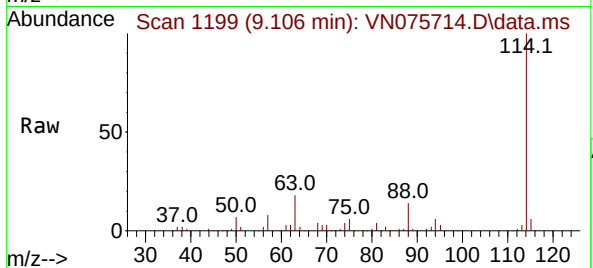
Tgt Ion:114 Resp: 350192

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.3 0.0 29.2



#35

Dibromofluoromethane

Concen: 48.422 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075714.D

Acq: 12 Dec 2022 15:41

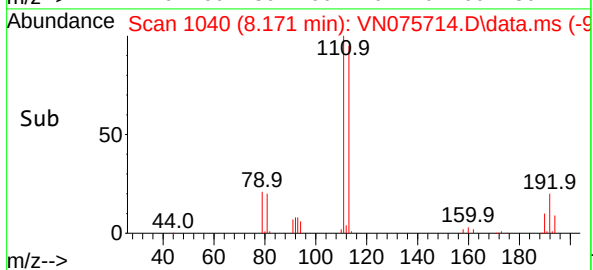
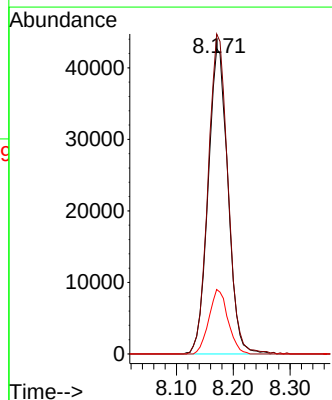
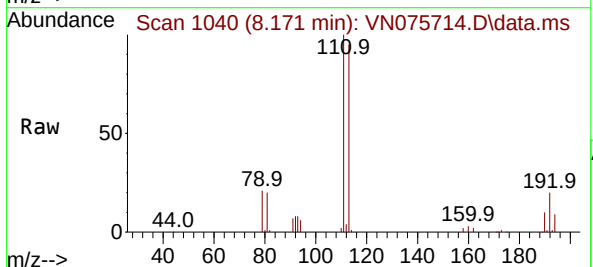
Tgt Ion:113 Resp: 103458

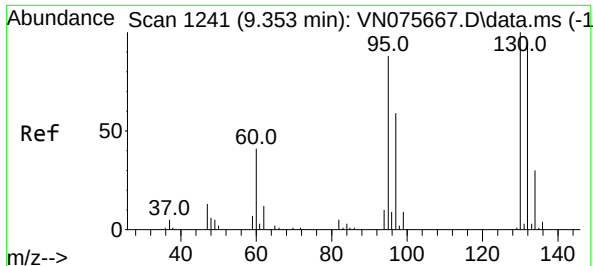
Ion Ratio Lower Upper

113 100

111 104.0 81.0 121.6

192 20.2 16.2 24.2

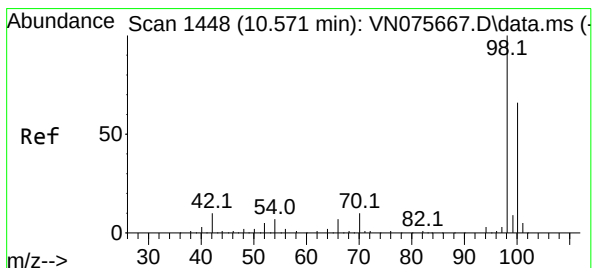
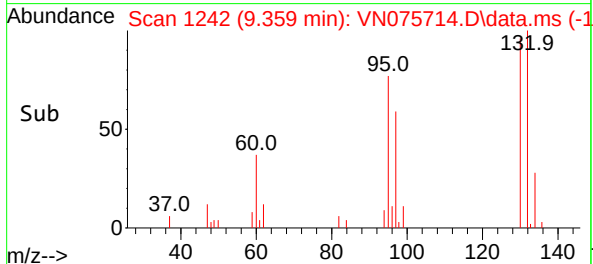
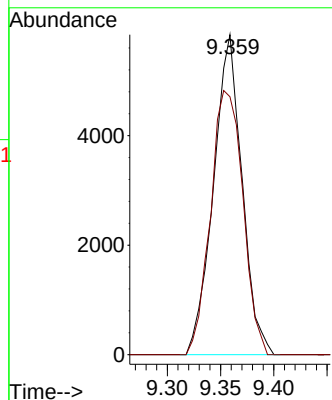
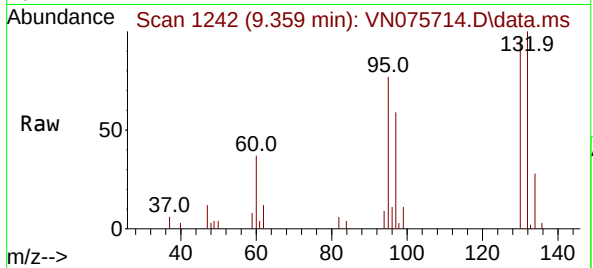




#44
Trichloroethene
Concen: 4.436 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075714.D
Acq: 12 Dec 2022 15:41

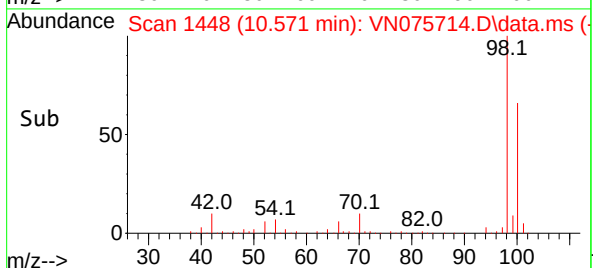
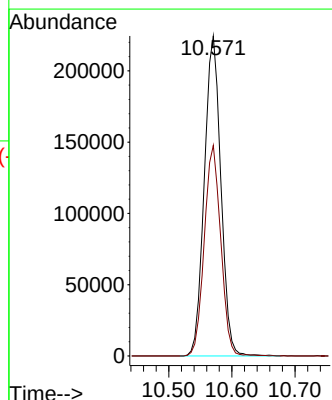
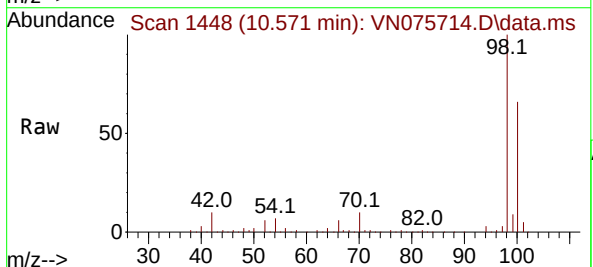
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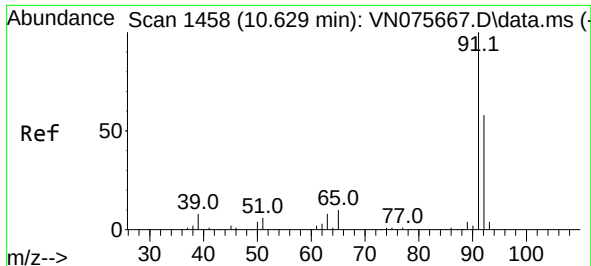
Tgt Ion:130 Resp: 10897
Ion Ratio Lower Upper
130 100
95 80.6 0.0 176.8



#50
Toluene-d8
Concen: 50.983 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075714.D
Acq: 12 Dec 2022 15:41

Tgt Ion: 98 Resp: 409080
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

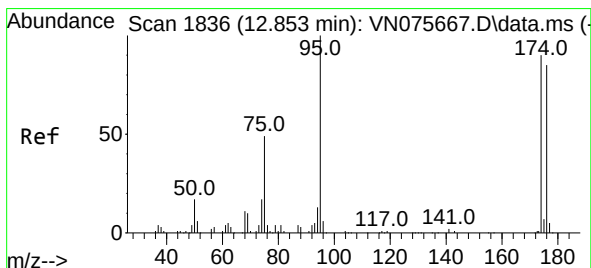
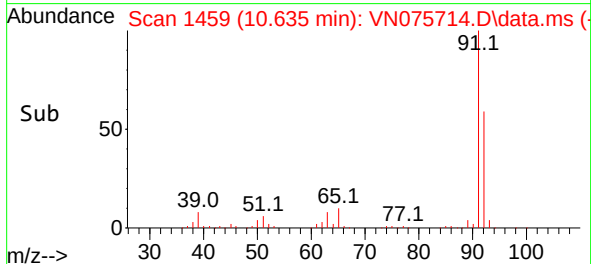
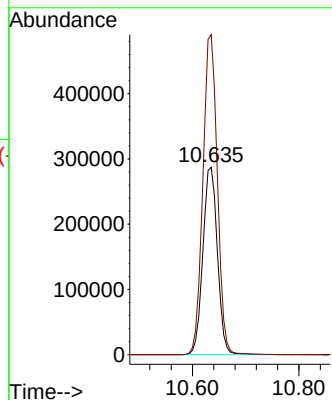
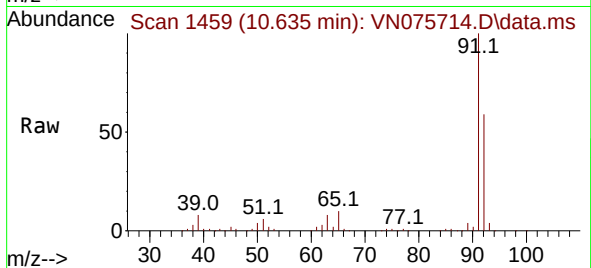




#52
Toluene
Concen: 94.297 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VN075714.D
Acq: 12 Dec 2022 15:41

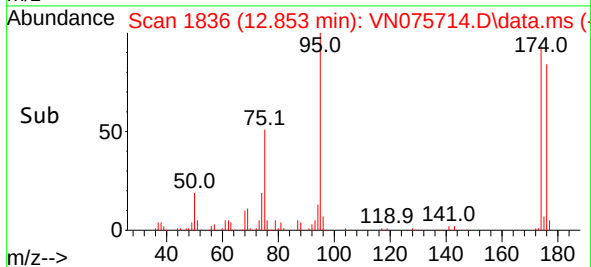
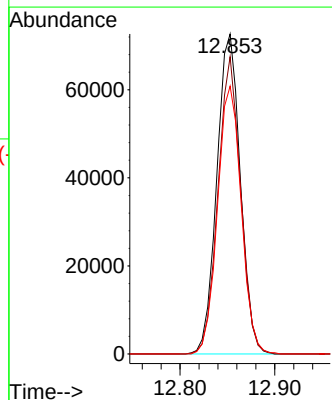
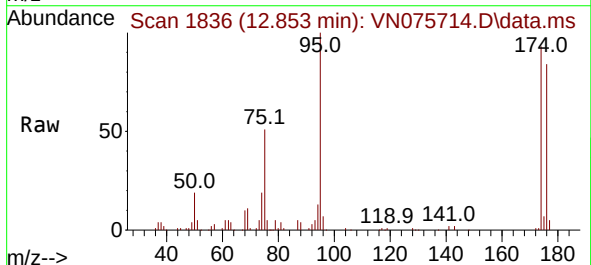
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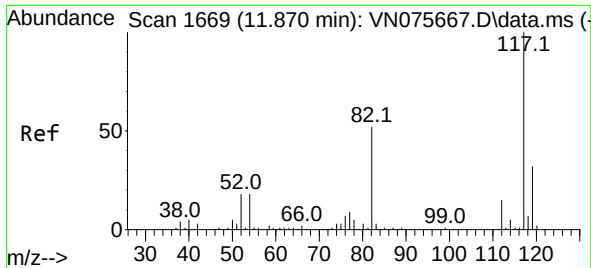
Tgt Ion: 92 Resp: 542666
Ion Ratio Lower Upper
92 100
91 170.4 137.9 206.9



#62
4-Bromofluorobenzene
Concen: 45.610 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075714.D
Acq: 12 Dec 2022 15:41

Tgt Ion: 95 Resp: 125126
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.6
176 84.5 0.0 170.8

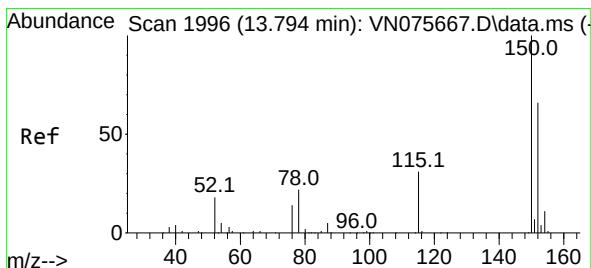
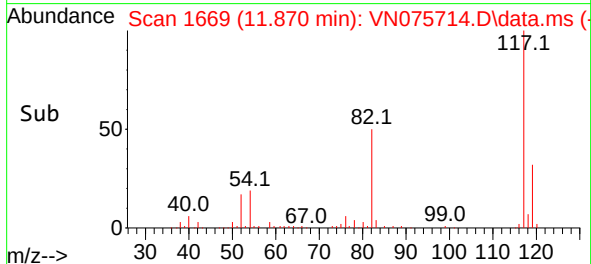
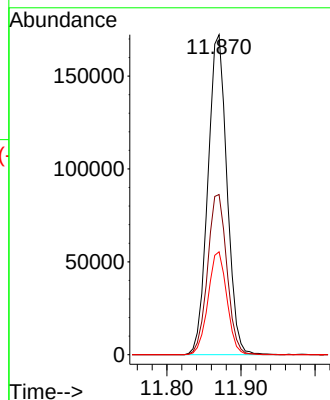
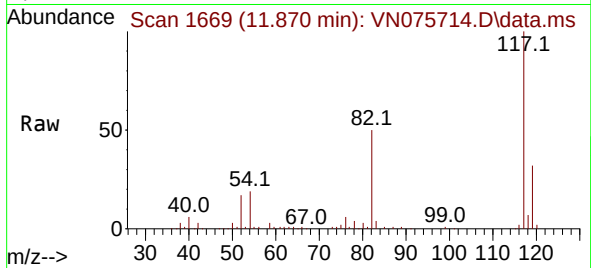




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN075714.D
Acq: 12 Dec 2022 15:41

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MSVOA_N
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Tgt Ion:117 Resp: 308285
Ion Ratio Lower Upper
117 100
82 50.0 41.8 62.8
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075714.D
Acq: 12 Dec 2022 15:41

Tgt Ion:152 Resp: 129851
Ion Ratio Lower Upper
152 100
115 56.9 28.4 85.2
150 157.5 0.0 347.6

