

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075692.D
 Acq On : 10 Dec 2022 05:58
 Operator : JC\MD
 Sample : N5989-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-25

Quant Time: Dec 12 04:27:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

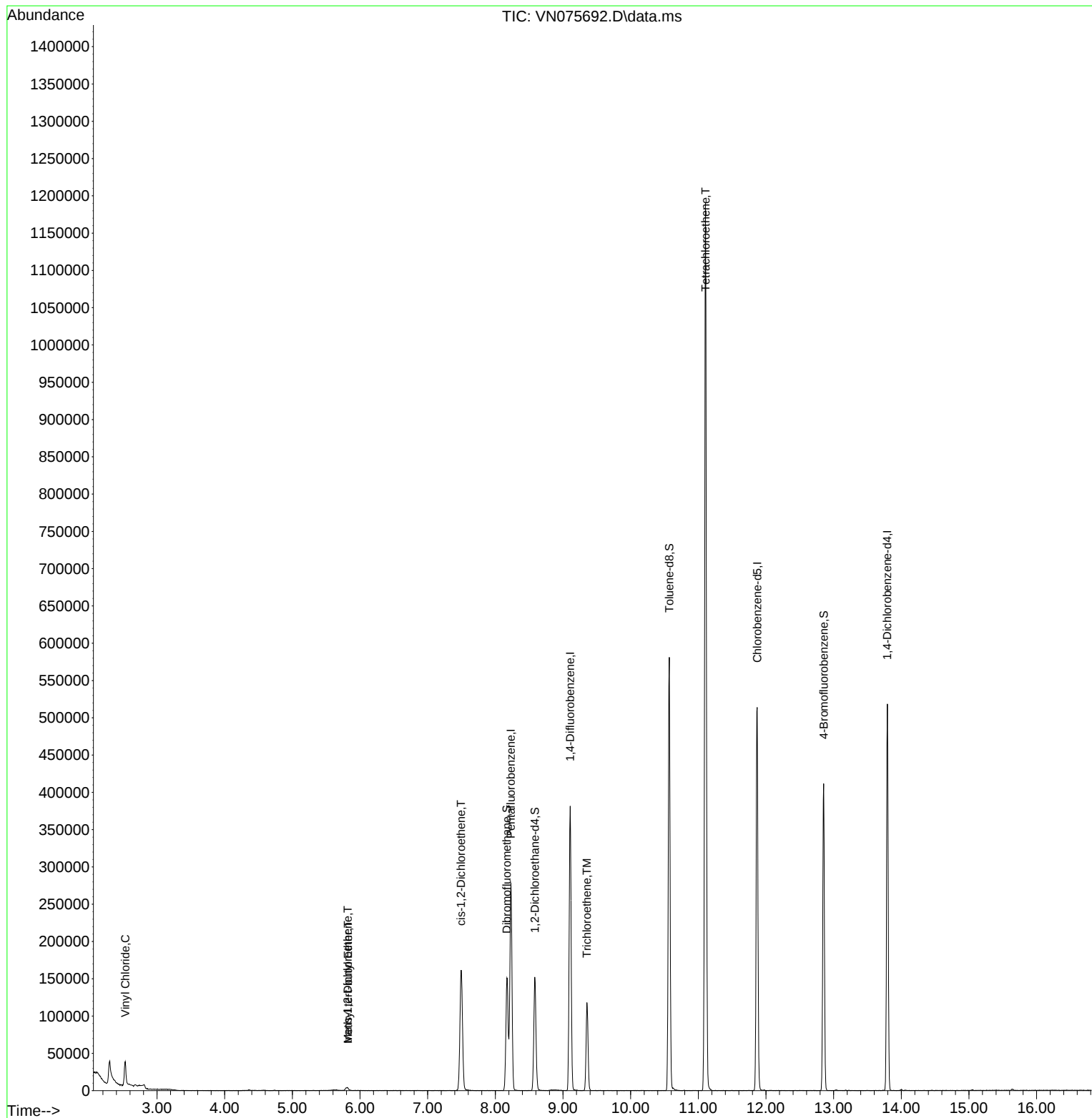
Internal Standards						
1) Pentafluorobenzene	8.230	168	216287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	356309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	325893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120945	52.703	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.400%	
35) Dibromofluoromethane	8.171	113	108820	50.058	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.120%	
50) Toluene-d8	10.571	98	411964	50.461	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	12.853	95	138870	49.751	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.500%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.530	62	31003	13.317	ug/l	94
19) Methyl tert-butyl Ether	5.824	73	3670	0.589	ug/l #	86
21) trans-1,2-Dichloroethene	5.818	96	1269	0.613	ug/l #	44
27) cis-1,2-Dichloroethene	7.494	96	106501	42.367	ug/l	91
44) Trichloroethene	9.353	130	43430	17.378	ug/l	97
64) Tetrachloroethene	11.106	164	278846	117.468	ug/l	96

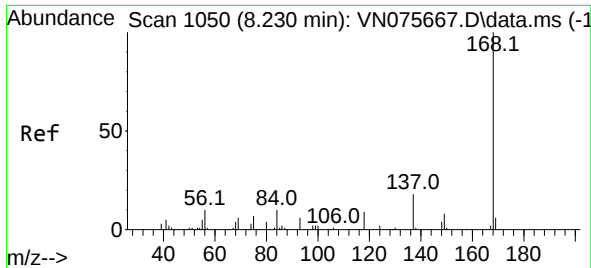
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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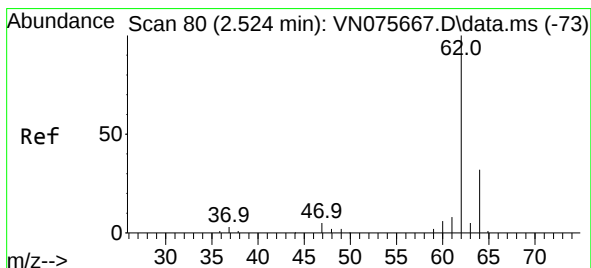
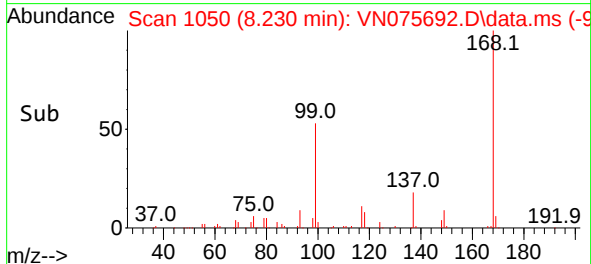
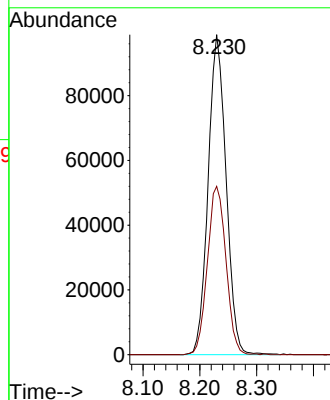
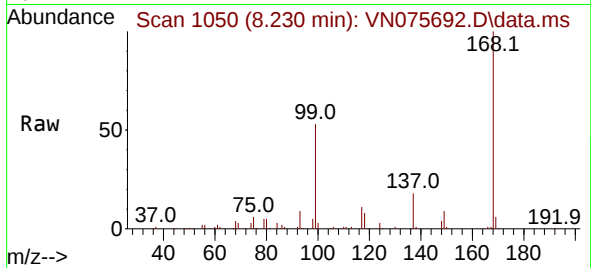




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075692.D
Acq: 10 Dec 2022 05:58

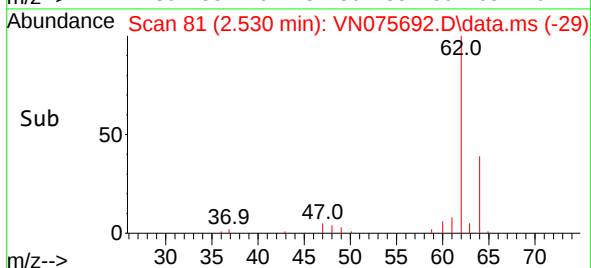
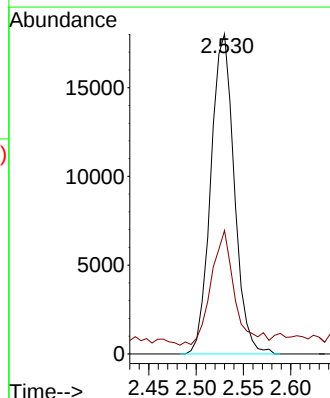
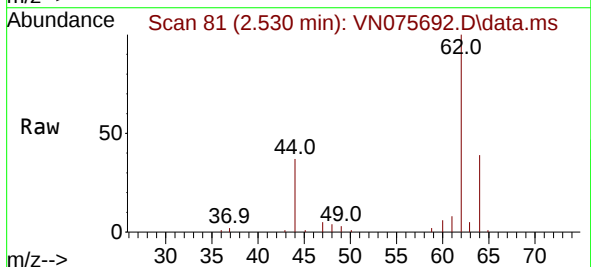
Instrument :
MSVOA_N
ClientSampleId :
MW-25

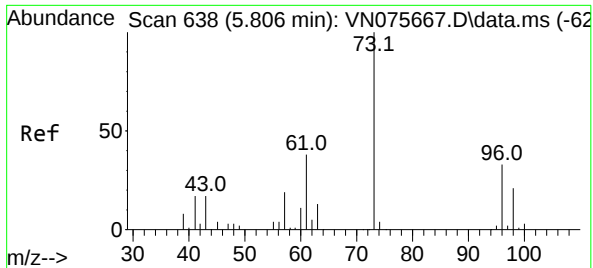
Tgt Ion:168 Resp: 216287
Ion Ratio Lower Upper
168 100
99 52.6 41.2 61.8



#4
Vinyl Chloride
Concen: 13.317 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075692.D
Acq: 10 Dec 2022 05:58

Tgt Ion: 62 Resp: 31003
Ion Ratio Lower Upper
62 100
64 35.9 25.9 38.9

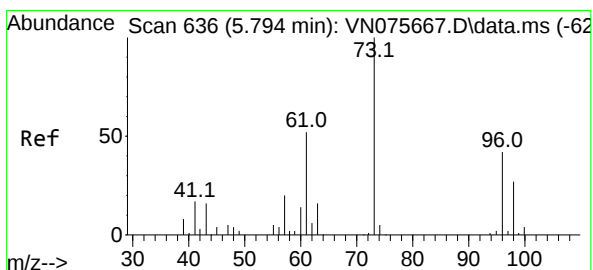
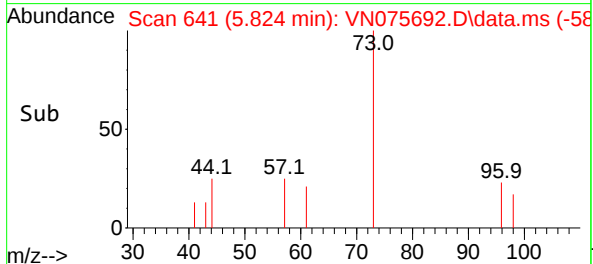
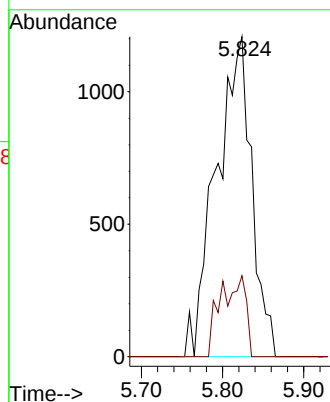
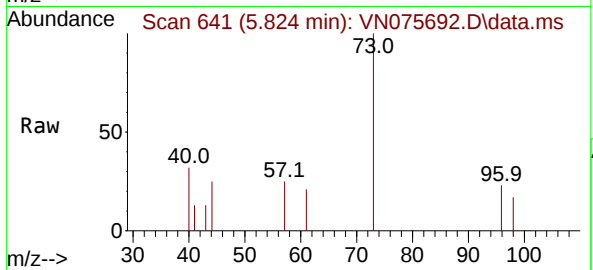




#19
Methyl tert-butyl Ether
Concen: 0.589 ug/l
RT: 5.824 min Scan# 641
Delta R.T. 0.018 min
Lab File: VN075692.D
Acq: 10 Dec 2022 05:58

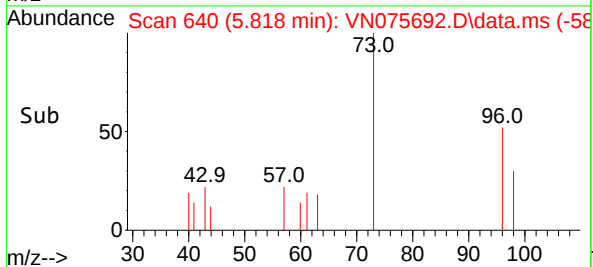
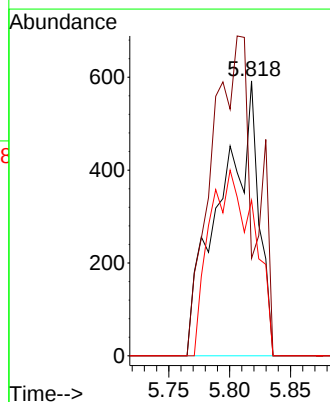
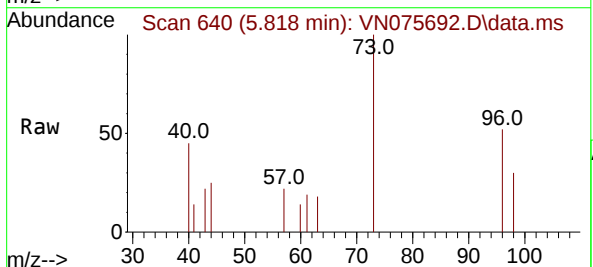
Instrument :
MSVOA_N
ClientSampleId :
MW-25

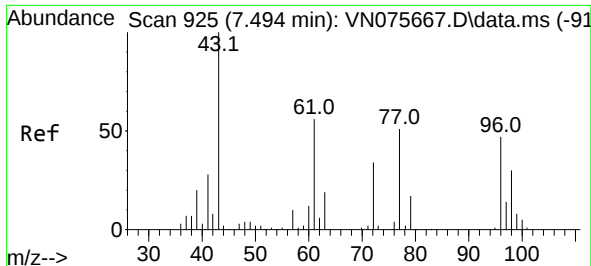
Tgt Ion: 73 Resp: 3670
Ion Ratio Lower Upper
73 100
57 25.3 15.1 22.7#



#21
trans-1,2-Dichloroethene
Concen: 0.613 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.024 min
Lab File: VN075692.D
Acq: 10 Dec 2022 05:58

Tgt Ion: 96 Resp: 1269
Ion Ratio Lower Upper
96 100
61 35.5 100.5 150.7#
98 56.6 52.7 79.1

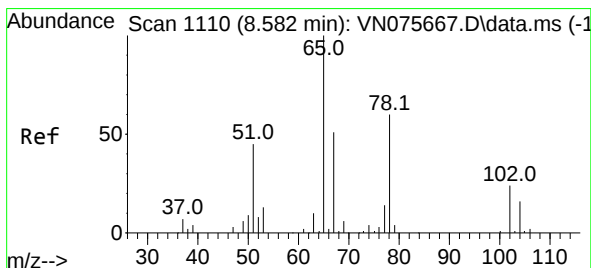
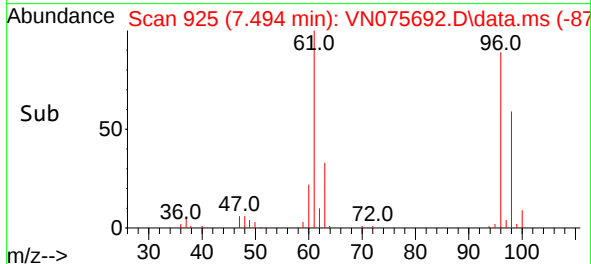
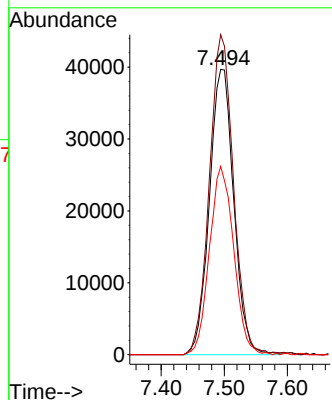
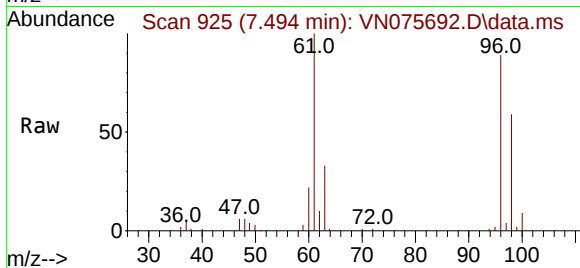




#27
 cis-1,2-Dichloroethene
 Concen: 42.367 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075692.D
 Acq: 10 Dec 2022 05:58

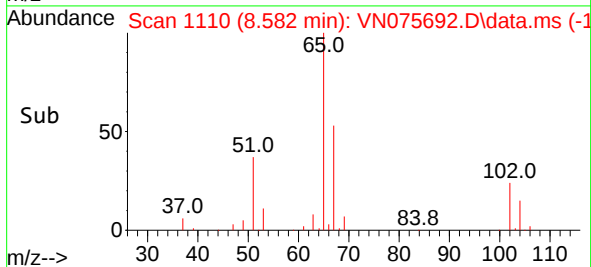
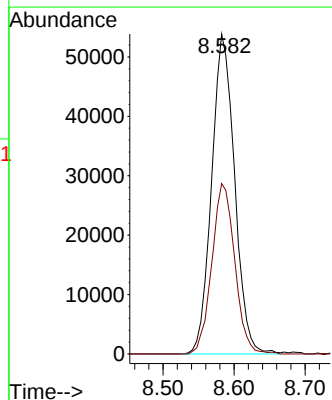
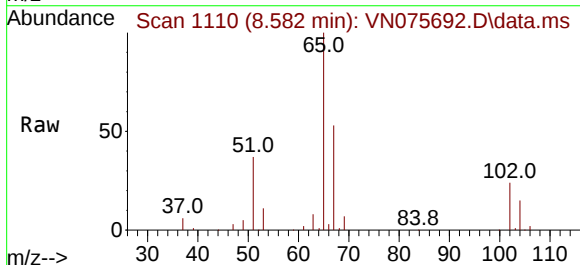
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-25

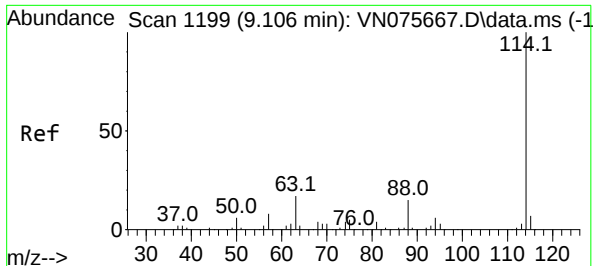
Tgt Ion: 96 Resp: 106501
 Ion Ratio Lower Upper
 96 100
 61 110.7 0.0 247.8
 98 65.6 0.0 126.0



#33
 1,2-Dichloroethane-d4
 Concen: 52.703 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN075692.D
 Acq: 10 Dec 2022 05:58

Tgt Ion: 65 Resp: 120945
 Ion Ratio Lower Upper
 65 100
 67 53.1 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: VN075692.D

Acq: 10 Dec 2022 05:58

Instrument :

MSVOA_N

ClientSampleId :

MW-25

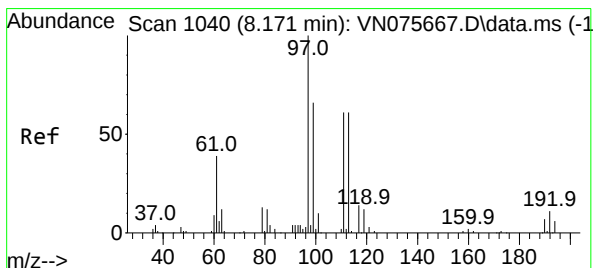
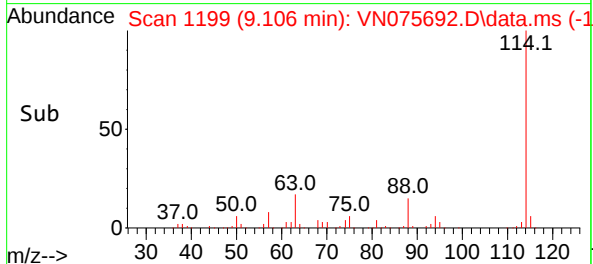
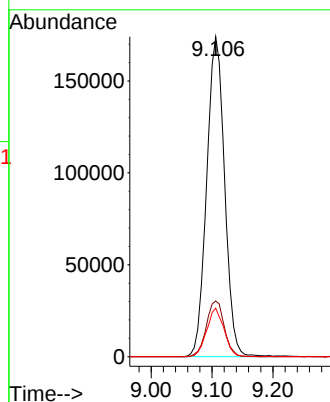
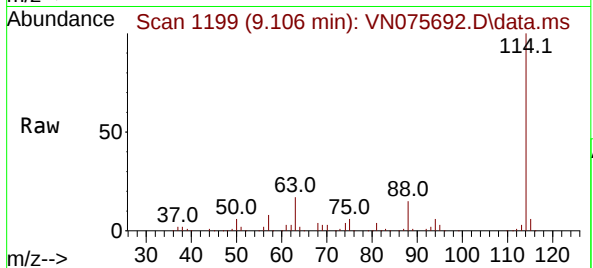
Tgt Ion:114 Resp: 356309

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 15.2 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.058 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075692.D

Acq: 10 Dec 2022 05:58

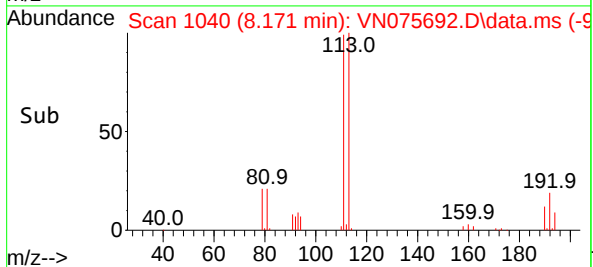
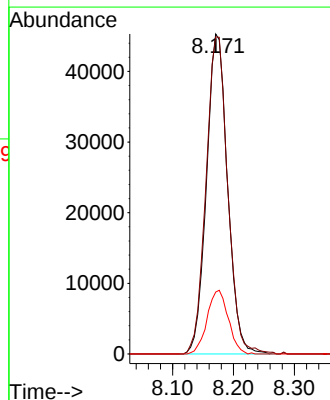
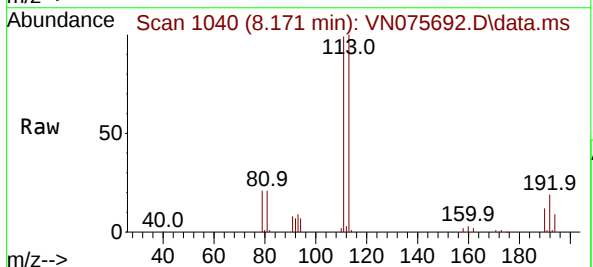
Tgt Ion:113 Resp: 108820

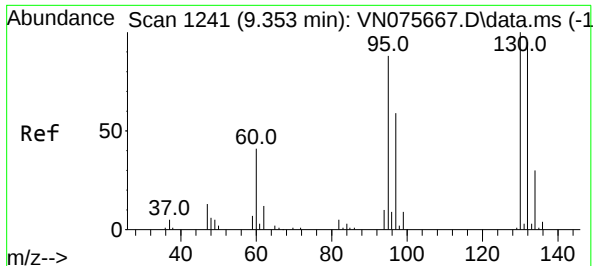
Ion Ratio Lower Upper

113 100

111 102.2 81.0 121.6

192 20.0 16.2 24.2





#44

Trichloroethene

Concen: 17.378 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VN075692.D

Acq: 10 Dec 2022 05:58

Instrument :

MSVOA_N

ClientSampleId :

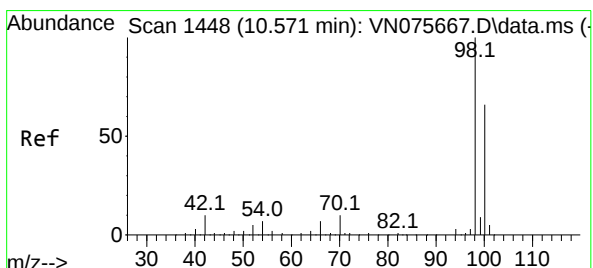
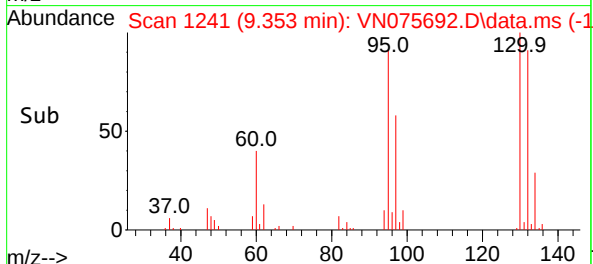
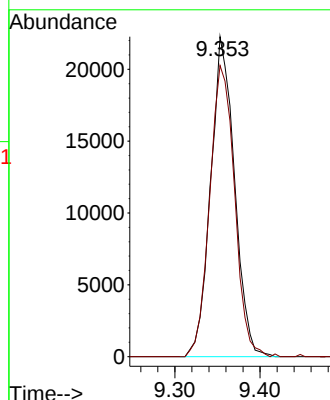
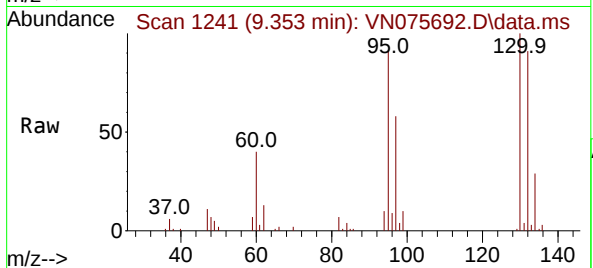
MW-25

Tgt Ion:130 Resp: 43430

Ion Ratio Lower Upper

130 100

95 91.0 0.0 176.8



#50

Toluene-d8

Concen: 50.461 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075692.D

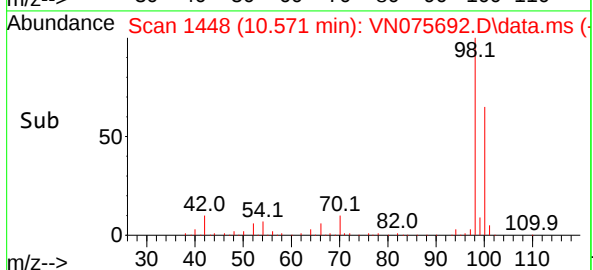
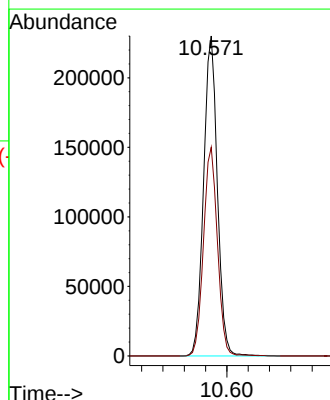
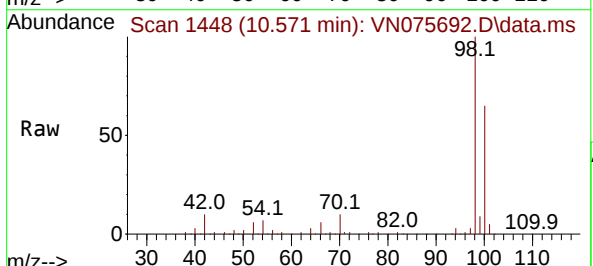
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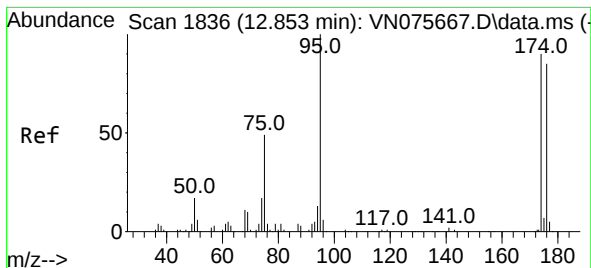
Tgt Ion: 98 Resp: 411964

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8

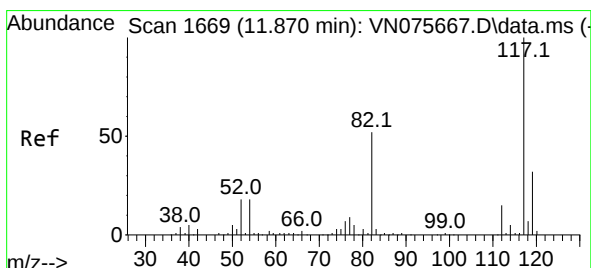
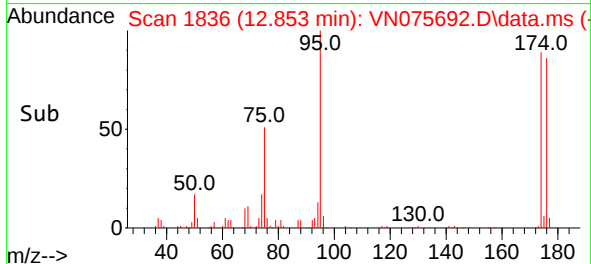
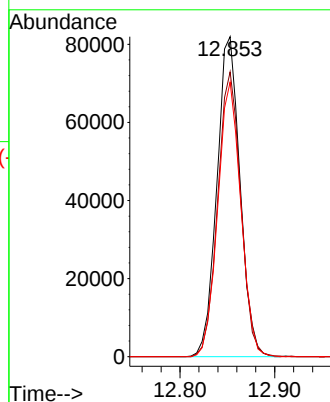
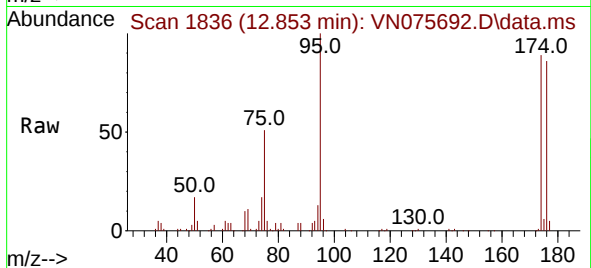




#62
4-Bromofluorobenzene
Concen: 49.751 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075692.D
Acq: 10 Dec 2022 05:58

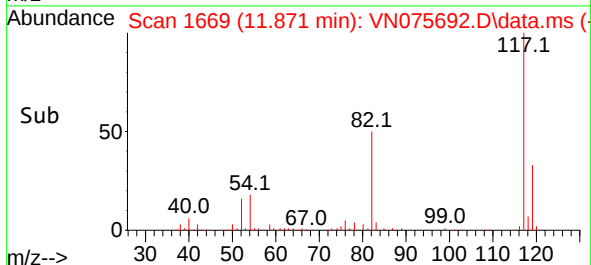
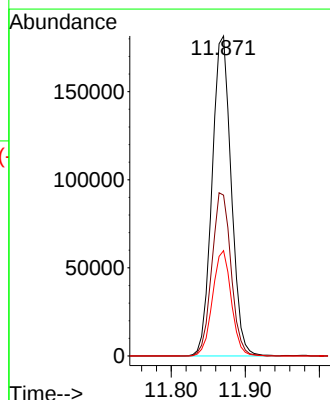
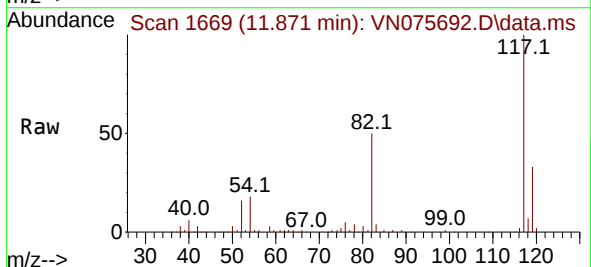
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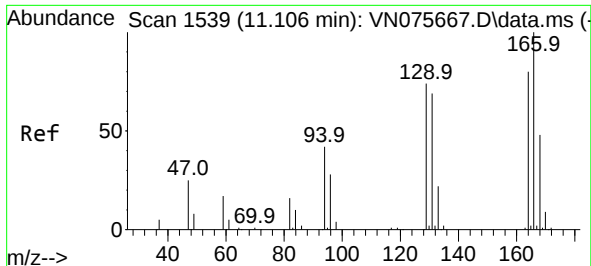
Tgt Ion: 95 Resp: 138870
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.6
176 85.4 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075692.D
Acq: 10 Dec 2022 05:58

Tgt Ion: 117 Resp: 325893
Ion Ratio Lower Upper
117 100
82 50.2 41.8 62.8
119 32.9 25.8 38.6

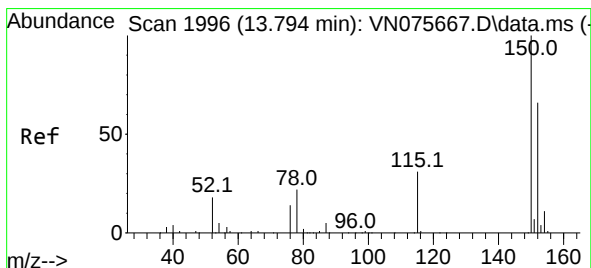
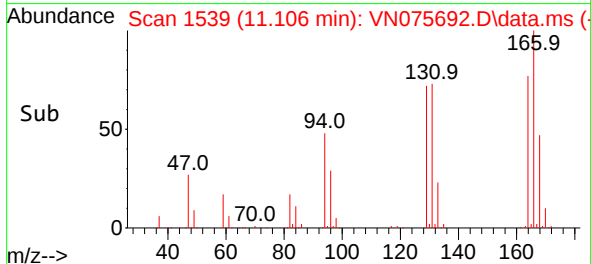
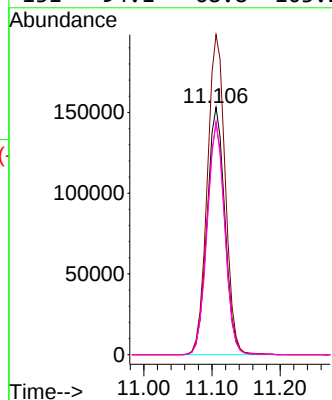
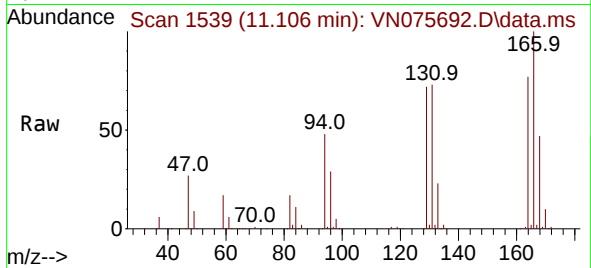




#64
Tetrachloroethene
Concen: 117.468 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075692.D
Acq: 10 Dec 2022 05:58

Instrument :
MSVOA_N
ClientSampleId :
MW-25

Tgt Ion:164 Resp: 278846
Ion Ratio Lower Upper
164 100
166 129.4 100.3 150.5
129 93.7 73.9 110.9
131 94.1 68.8 103.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075692.D
Acq: 10 Dec 2022 05:58

Tgt Ion:152 Resp: 148585
Ion Ratio Lower Upper
152 100
115 58.2 28.4 85.2
150 157.9 0.0 347.6

