

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075711.D
 Acq On : 12 Dec 2022 14:29
 Operator : JC\MD
 Sample : N5989-09DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-25DL

Quant Time: Dec 13 01:33:05 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)

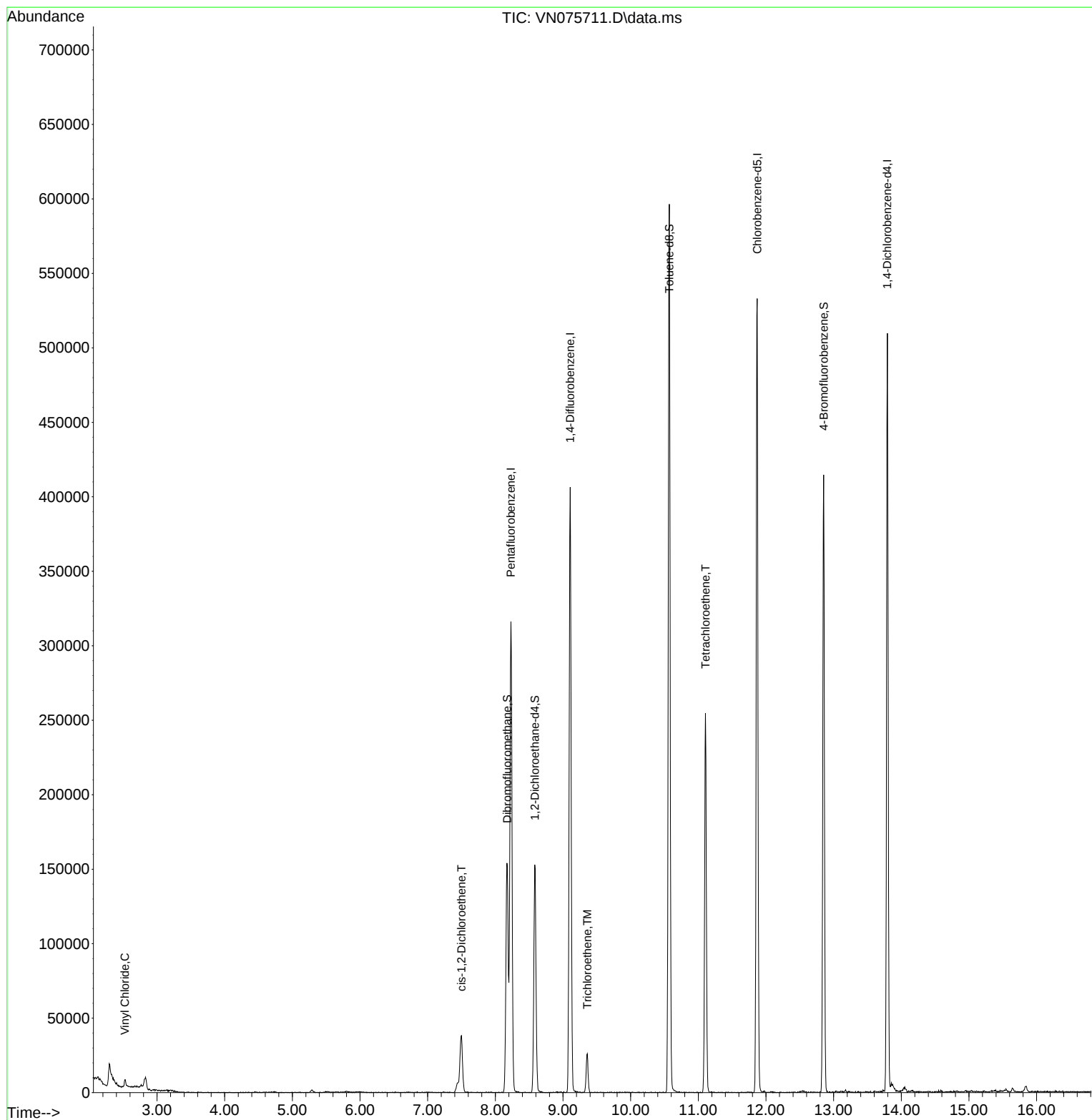
Internal Standards						
1) Pentafluorobenzene	8.230	168	250037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	379264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	331927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	122255	46.083	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.160%
35) Dibromofluoromethane	8.177	113	113237	48.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	10.571	98	437709	50.370	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.740%
62) 4-Bromofluorobenzene	12.853	95	138650	46.666	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.340%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.524	62	4480	1.665	ug/l	89
27) cis-1,2-Dichloroethene	7.500	96	25318	8.712	ug/l	91
44) Trichloroethene	9.359	130	9991	3.756	ug/l	96
64) Tetrachloroethene	11.106	164	59790	24.730	ug/l	93

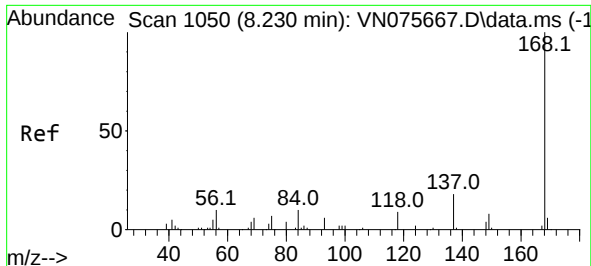
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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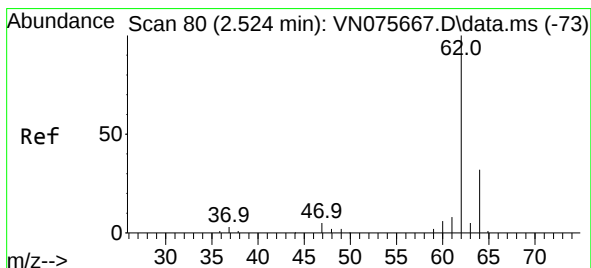
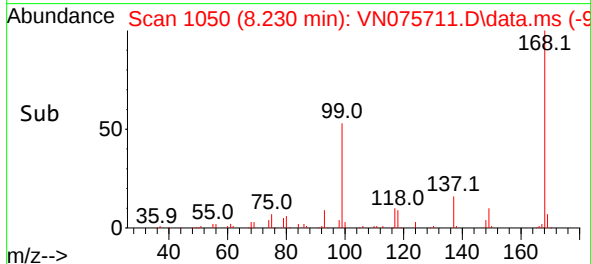
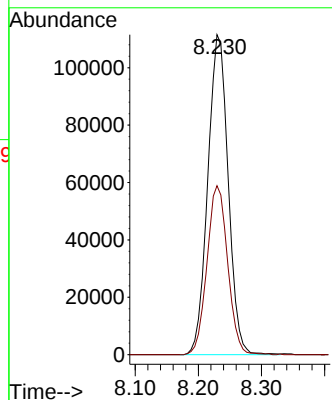
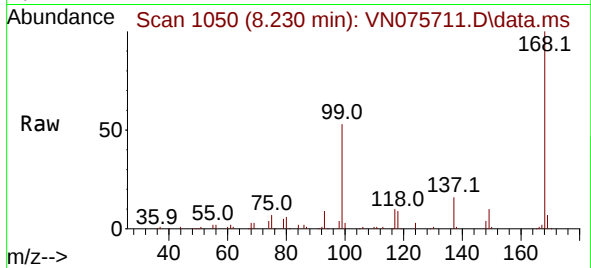




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075711.D
Acq: 12 Dec 2022 14:29

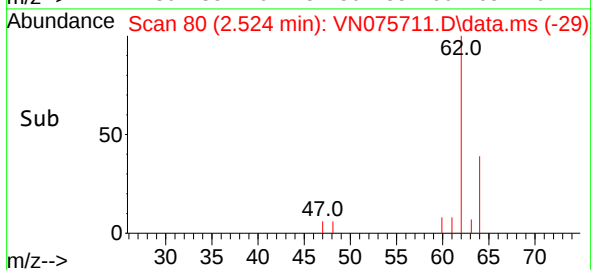
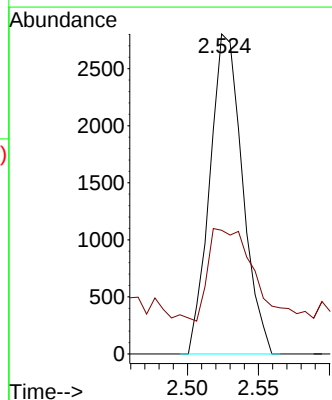
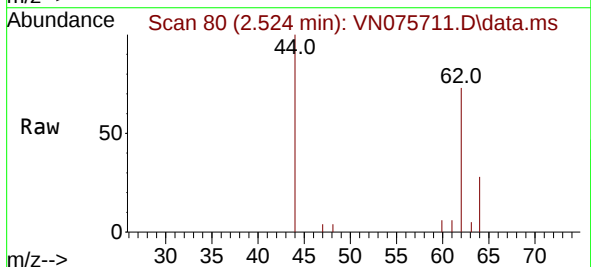
Instrument :
MSVOA_N
ClientSampleId :
MW-25DL

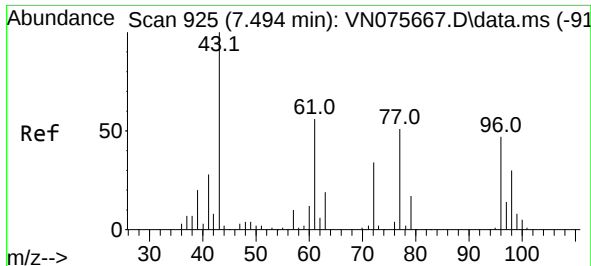
Tgt Ion:168 Resp: 250037
Ion Ratio Lower Upper
168 100
99 52.8 41.2 61.8



#4
Vinyl Chloride
Concen: 1.665 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075711.D
Acq: 12 Dec 2022 14:29

Tgt Ion: 62 Resp: 4480
Ion Ratio Lower Upper
62 100
64 26.4 25.9 38.9

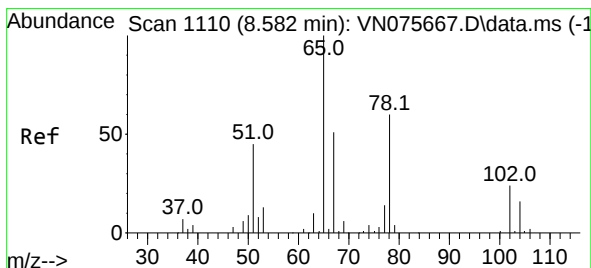
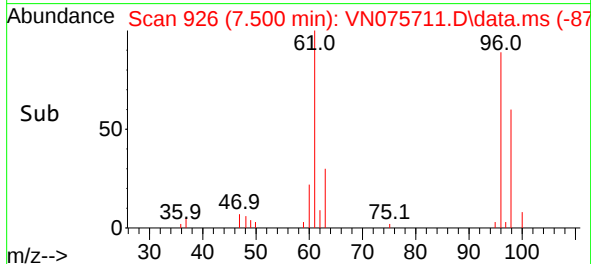
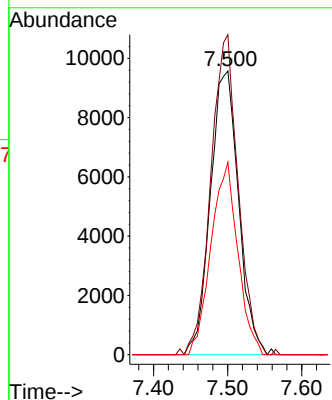
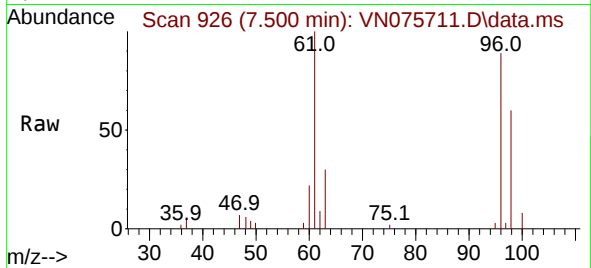




#27
 cis-1,2-Dichloroethene
 Concen: 8.712 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN075711.D
 Acq: 12 Dec 2022 14:29

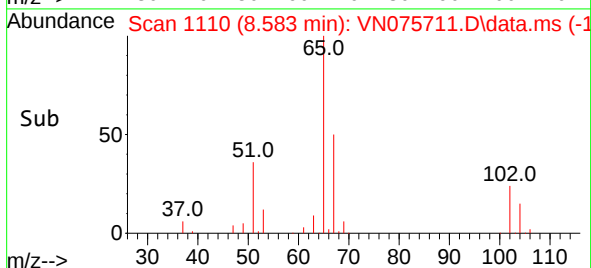
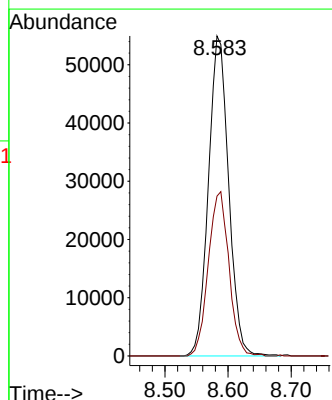
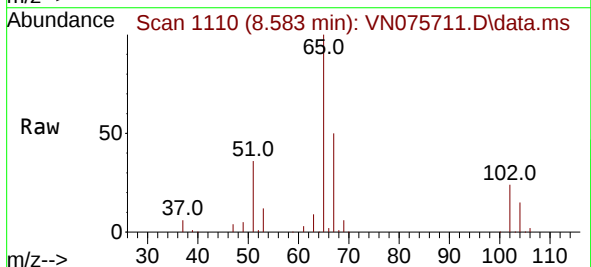
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-25DL

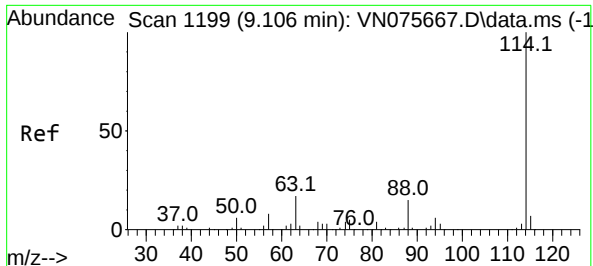
Tgt Ion: 96 Resp: 25318
 Ion Ratio Lower Upper
 96 100
 61 109.2 0.0 247.8
 98 64.3 0.0 126.0



#33
 1,2-Dichloroethane-d4
 Concen: 46.083 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN075711.D
 Acq: 12 Dec 2022 14:29

Tgt Ion: 65 Resp: 122255
 Ion Ratio Lower Upper
 65 100
 67 52.5 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: VN075711.D

Acq: 12 Dec 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

MW-25DL

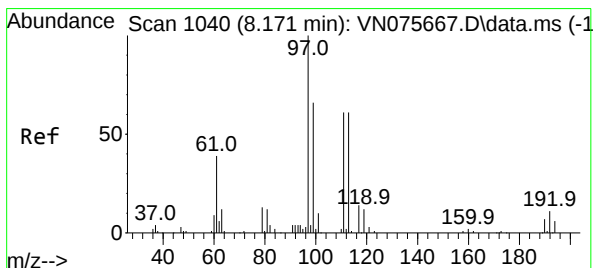
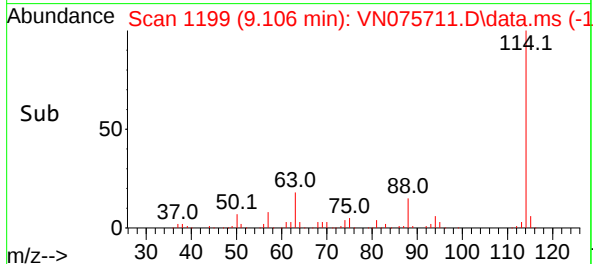
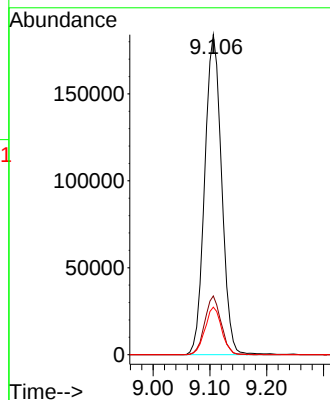
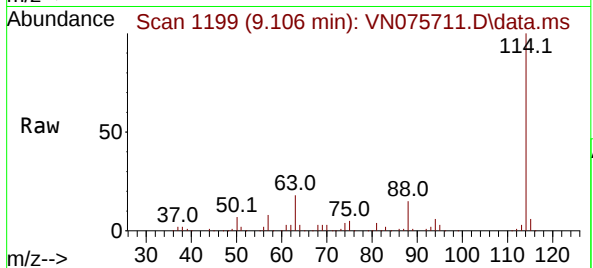
Tgt Ion:114 Resp: 379264

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.4

88 14.9 0.0 29.2



#35

Dibromofluoromethane

Concen: 48.937 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075711.D

Acq: 12 Dec 2022 14:29

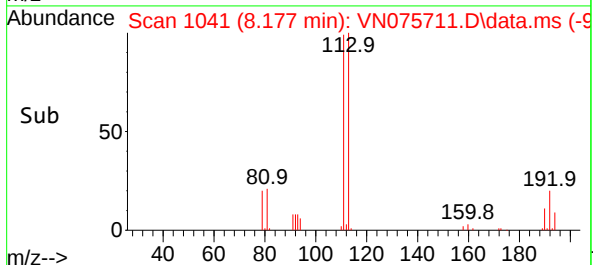
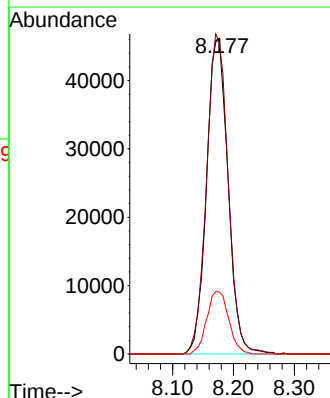
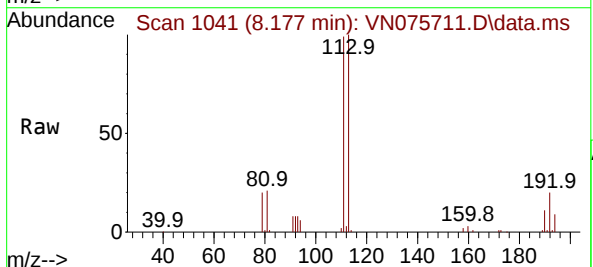
Tgt Ion:113 Resp: 113237

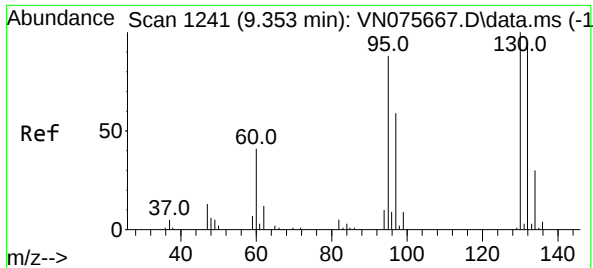
Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.6

192 20.2 16.2 24.2

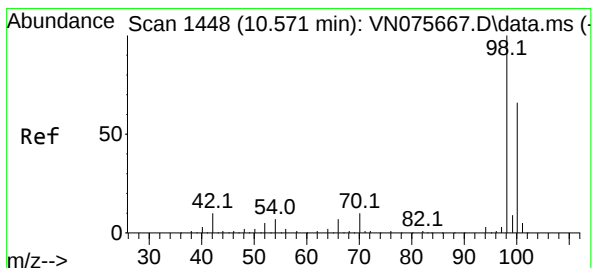
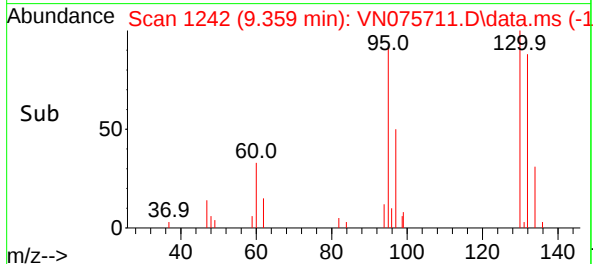
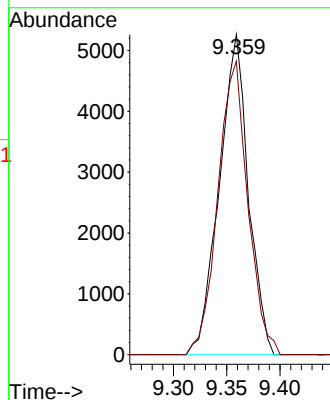
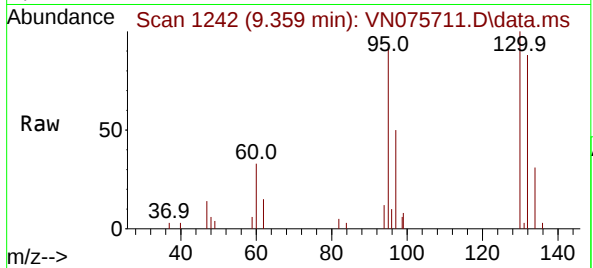




#44
Trichloroethene
Concen: 3.756 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075711.D
Acq: 12 Dec 2022 14:29

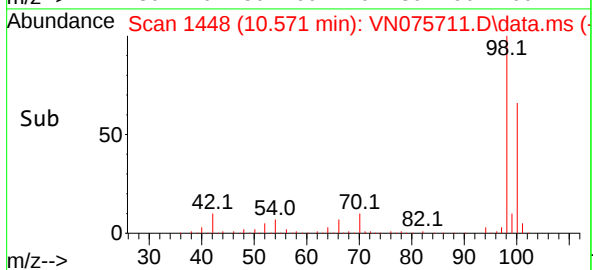
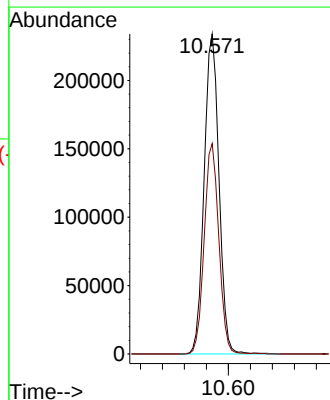
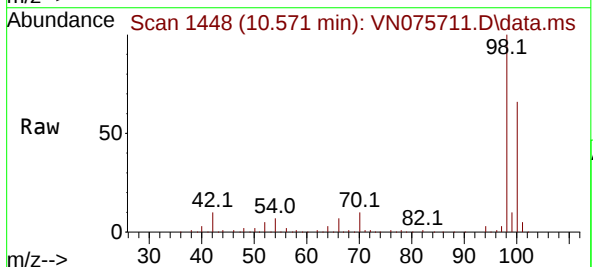
Instrument :
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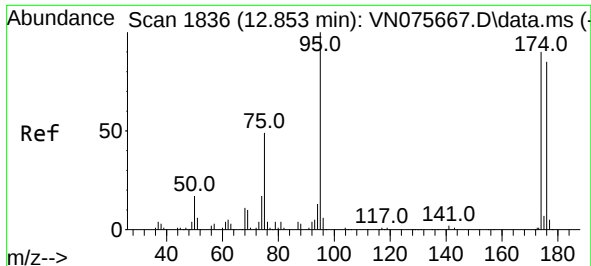
Tgt Ion:130 Resp: 9991
Ion Ratio Lower Upper
130 100
95 91.7 0.0 176.8



#50
Toluene-d8
Concen: 50.370 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075711.D
Acq: 12 Dec 2022 14:29

Tgt Ion: 98 Resp: 437709
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

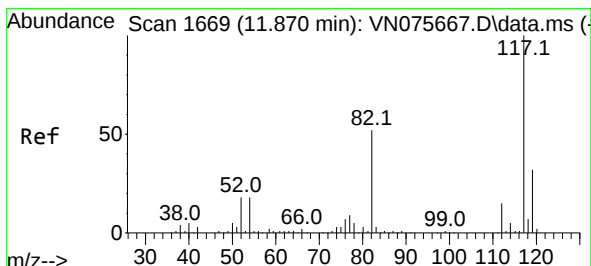
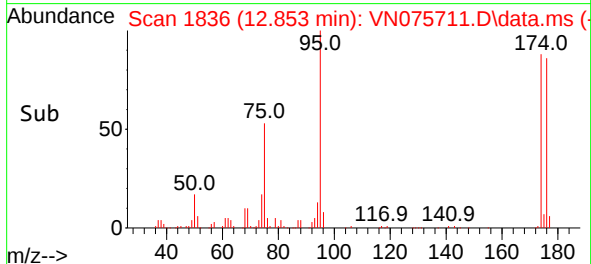
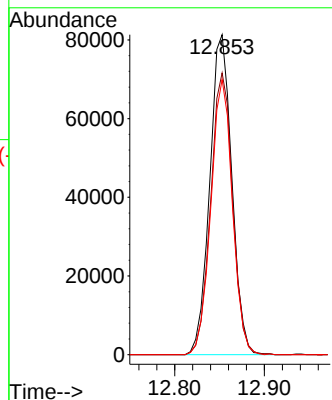
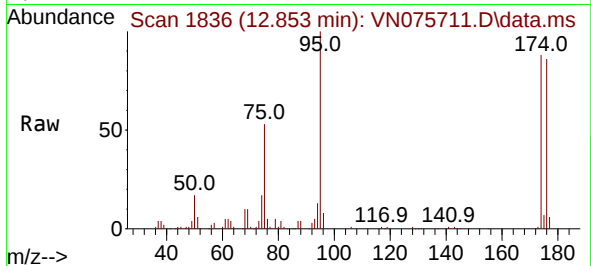




#62
4-Bromofluorobenzene
Concen: 46.666 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075711.D
Acq: 12 Dec 2022 14:29

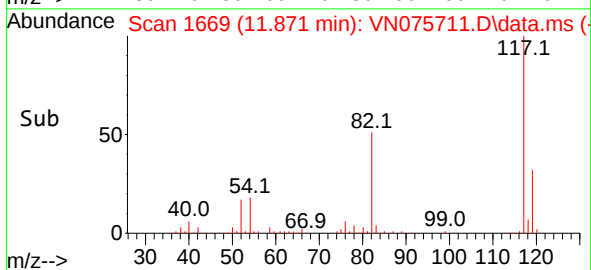
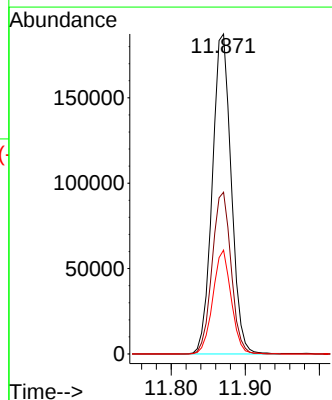
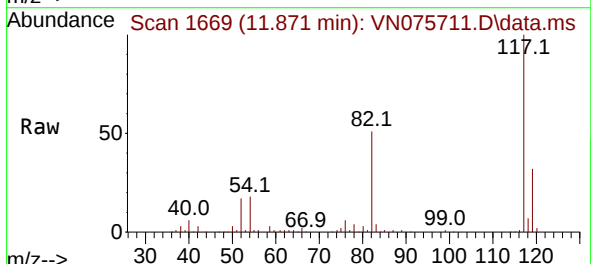
Instrument :
MSVOA_N
ClientSampleId :
MW-25DL

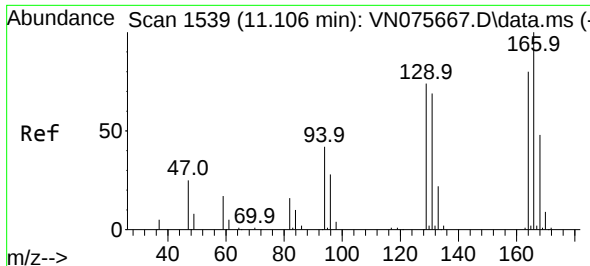
Tgt Ion: 95 Resp: 138650
Ion Ratio Lower Upper
95 100
174 87.8 0.0 178.6
176 84.0 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075711.D
Acq: 12 Dec 2022 14:29

Tgt Ion: 117 Resp: 331927
Ion Ratio Lower Upper
117 100
82 50.6 41.8 62.8
119 32.5 25.8 38.6



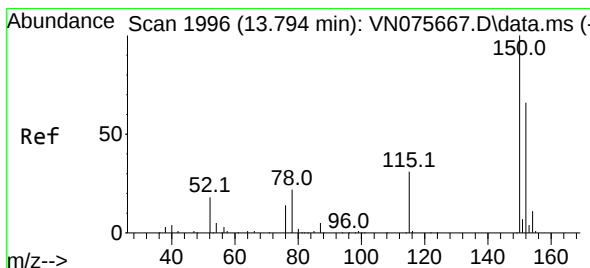
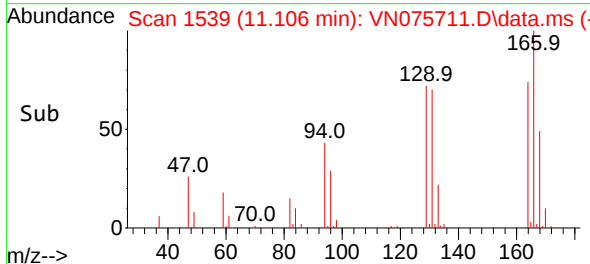
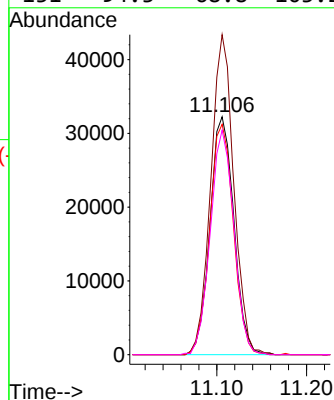
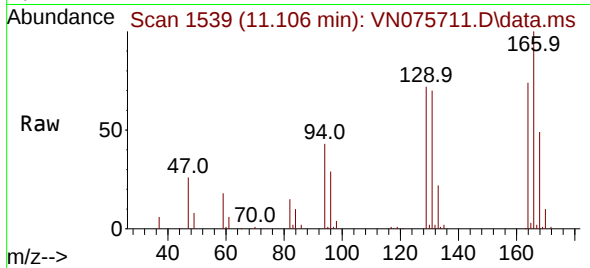


#64
Tetrachloroethene
Concen: 24.730 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075711.D
Acq: 12 Dec 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
MW-25DL

Tgt Ion:164 Resp: 59790

Ion	Ratio	Lower	Upper
164	100		
166	134.5	100.3	150.5
129	96.8	73.9	110.9
131	94.3	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: VN075711.D
Acq: 12 Dec 2022 14:29

Tgt Ion:152 Resp: 143758

Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.4	85.2
150	157.4	0.0	347.6

