

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078419.D
 Acq On : 27 Jun 2023 16:17
 Operator : JC\MD
 Sample : 03376-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-2

Quant Time: Jun 28 07:11:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

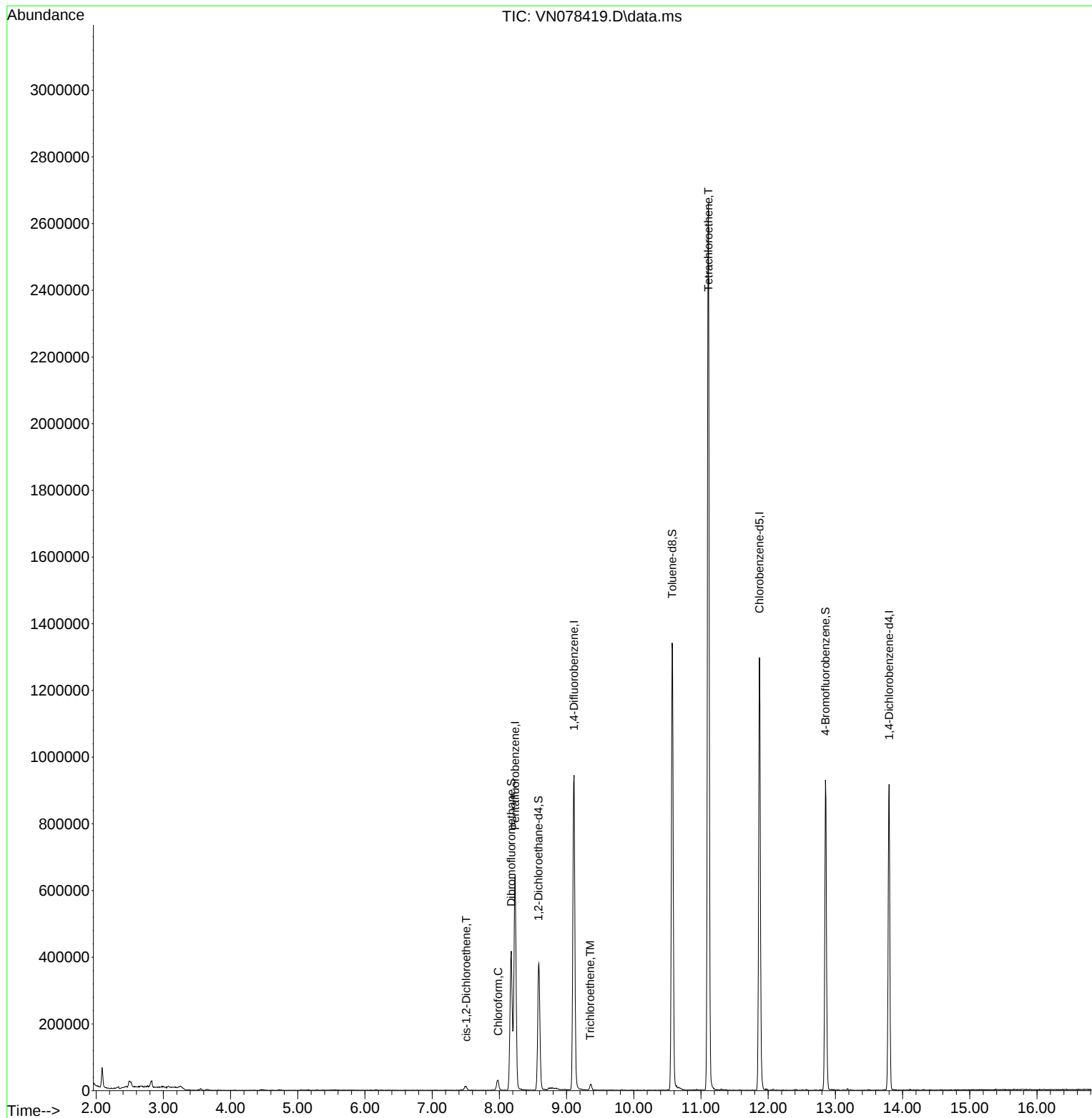
Internal Standards						
1) Pentafluorobenzene	8.235	168	466066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	859027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	783714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	250691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	316573	50.944	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.880%	
35) Dibromofluoromethane	8.177	113	301036	55.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.840%	
50) Toluene-d8	10.571	98	990895	47.323	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.640%	
62) 4-Bromofluorobenzene	12.853	95	329293	50.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.180%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	7.506	96	7204	1.100	ug/l	93
30) Chloroform	7.982	83	29559	2.847	ug/l	96
44) Trichloroethene	9.353	130	6065	0.987	ug/l	86
64) Tetrachloroethene	11.112	164	602389	115.214	ug/l	99

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

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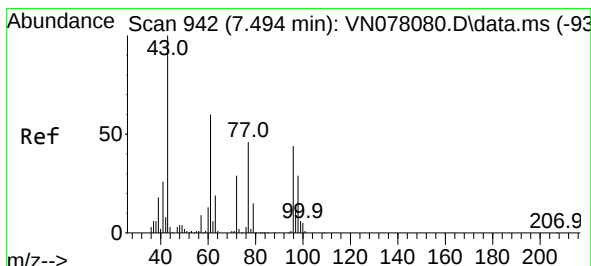
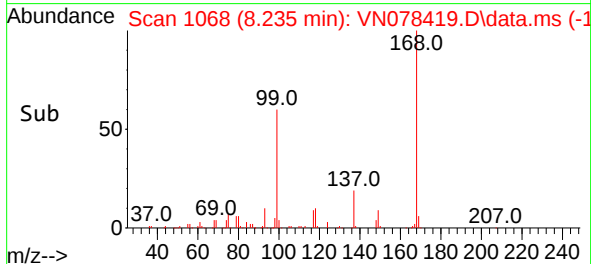
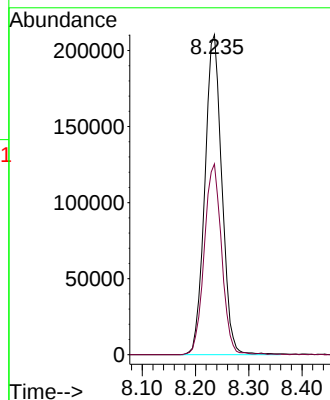
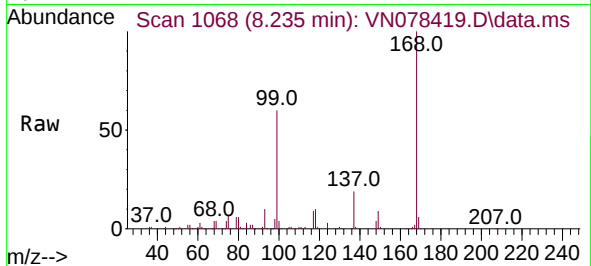




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078419.D
Acq: 27 Jun 2023 16:17

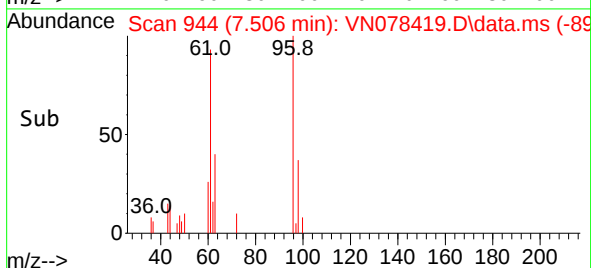
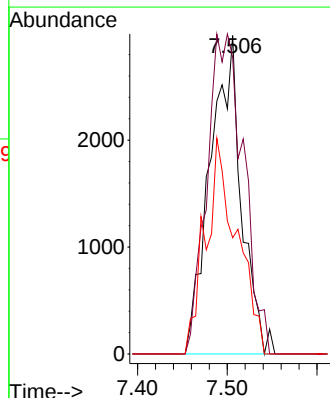
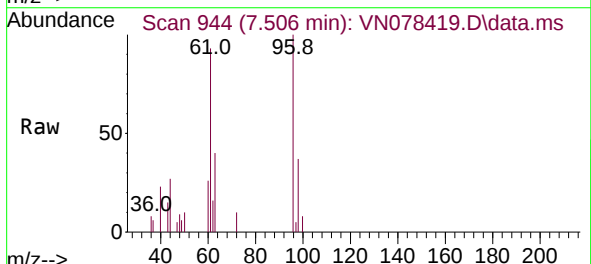
Instrument :
MSVOA_N
ClientSampleId :
TW-2

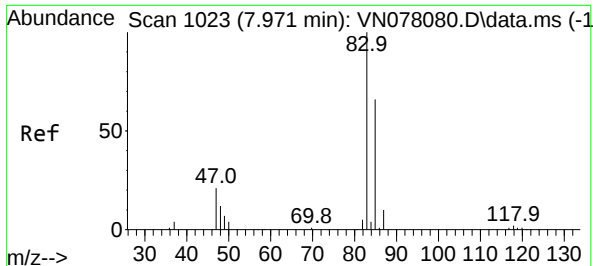
Tgt Ion:168 Resp: 466066
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6



#27
cis-1,2-Dichloroethene
Concen: 1.100 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078419.D
Acq: 27 Jun 2023 16:17

Tgt Ion: 96 Resp: 7204
Ion Ratio Lower Upper
96 100
61 117.9 0.0 255.2
98 67.7 0.0 128.8





#30

Chloroform

Concen: 2.847 ug/l

RT: 7.982 min Scan# 1025

Delta R.T. 0.012 min

Lab File: VN078419.D

Acq: 27 Jun 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

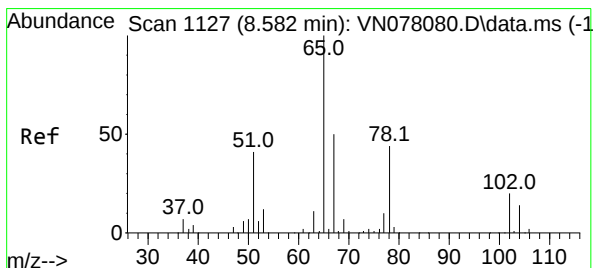
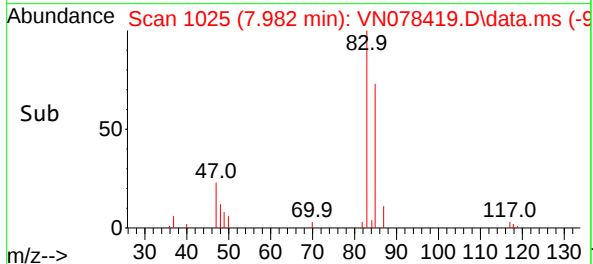
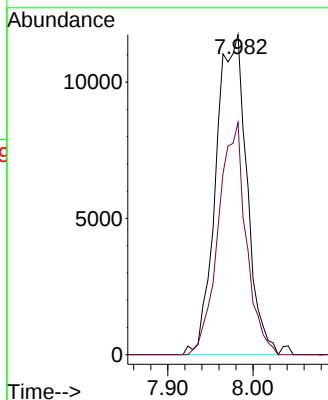
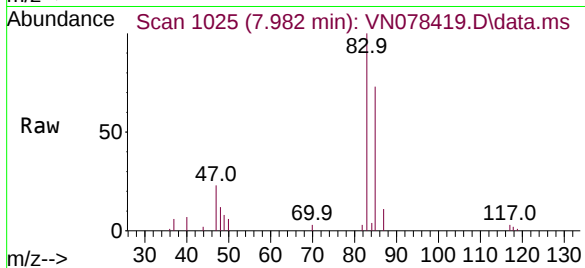
TW-2

Tgt Ion: 83 Resp: 29559

Ion Ratio Lower Upper

83 100

85 72.5 55.4 83.0



#33

1,2-Dichloroethane-d4

Concen: 50.944 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078419.D

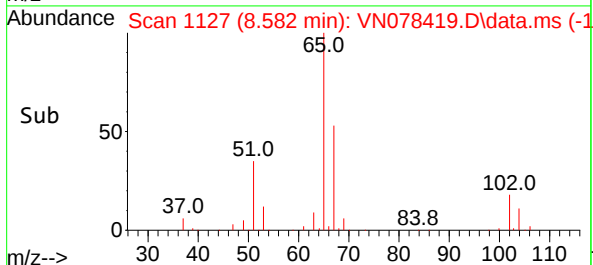
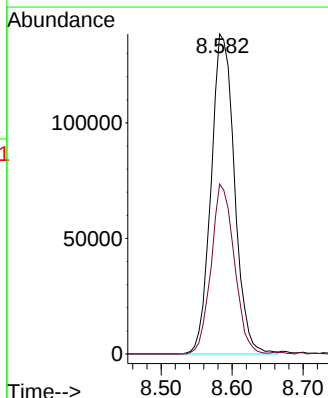
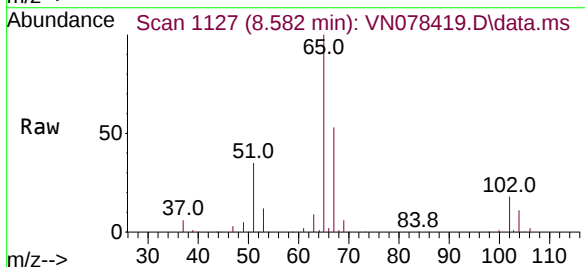
Acq: 27 Jun 2023 16:17

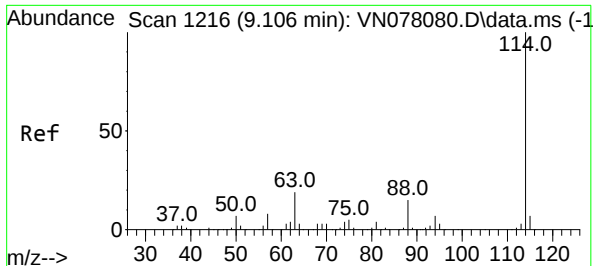
Tgt Ion: 65 Resp: 316573

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078419.D

Acq: 27 Jun 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

TW-2

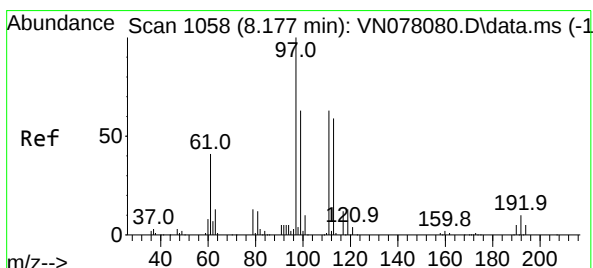
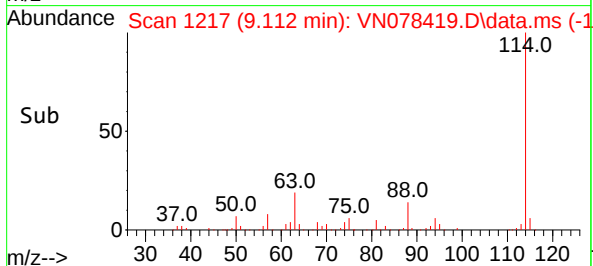
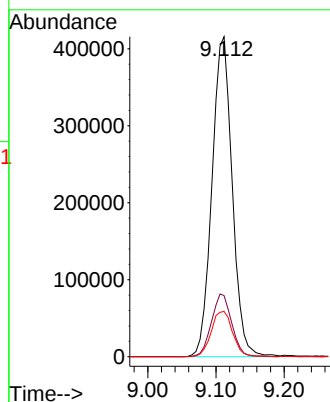
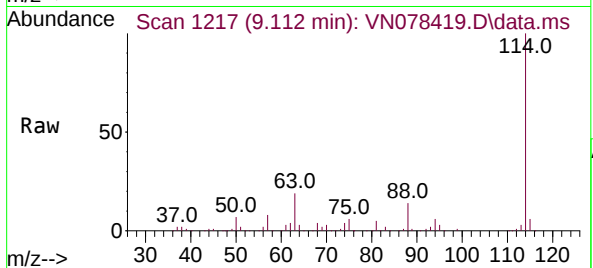
Tgt Ion:114 Resp: 859027

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.424 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078419.D

Acq: 27 Jun 2023 16:17

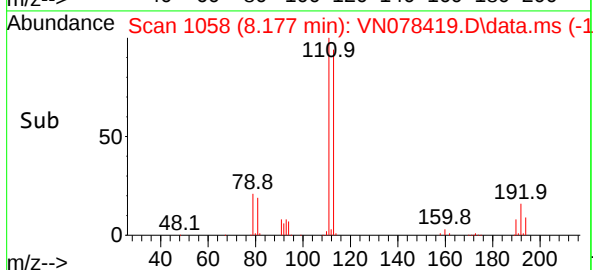
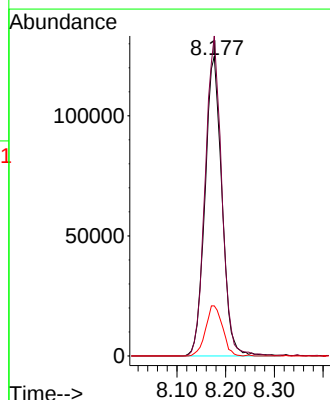
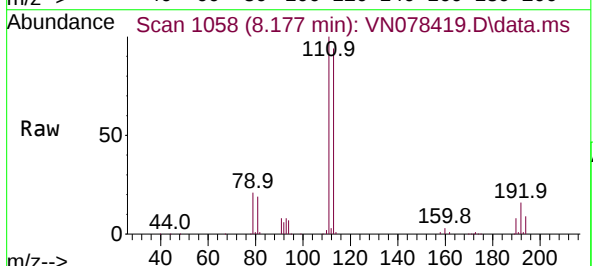
Tgt Ion:113 Resp: 301036

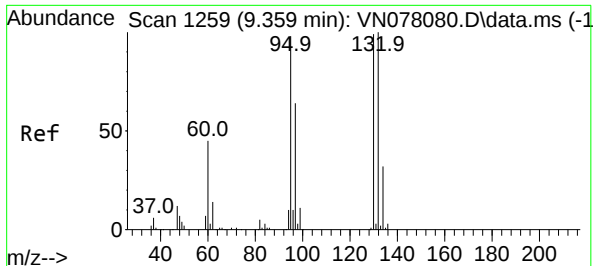
Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

192 16.7 12.7 19.1

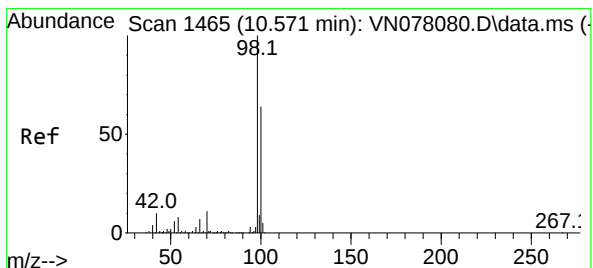
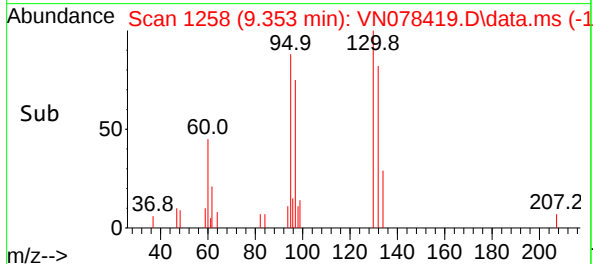
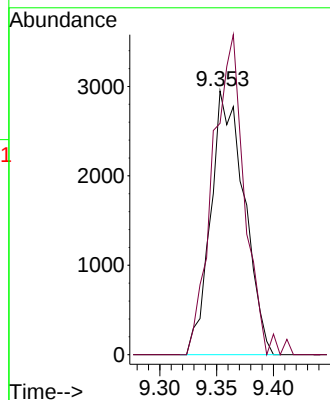
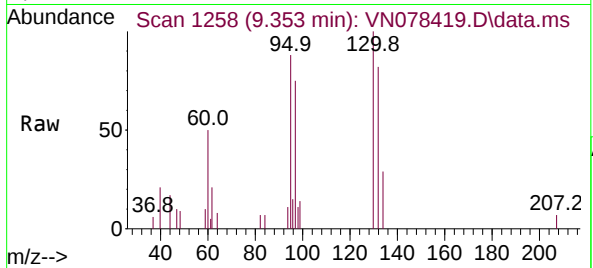




#44
Trichloroethene
Concen: 0.987 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078419.D
Acq: 27 Jun 2023 16:17

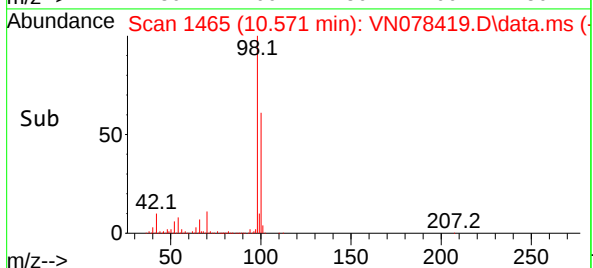
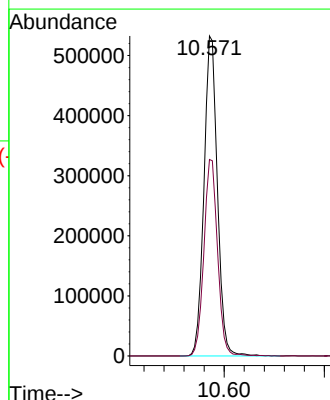
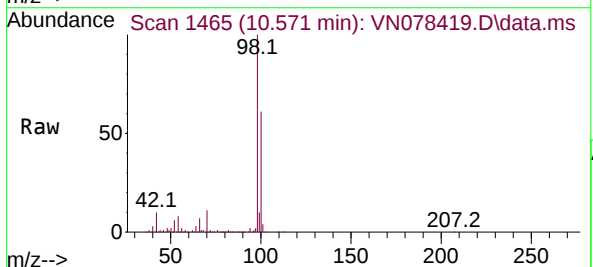
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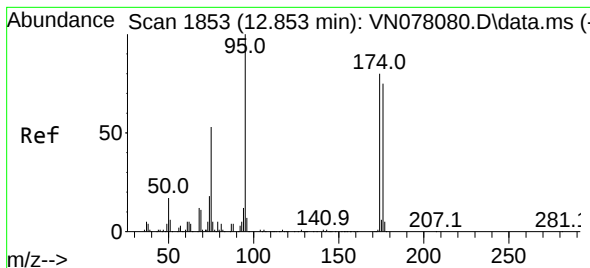
Tgt Ion:130 Resp: 6065
Ion Ratio Lower Upper
130 100
95 87.7 0.0 204.6



#50
Toluene-d8
Concen: 47.323 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078419.D
Acq: 27 Jun 2023 16:17

Tgt Ion: 98 Resp: 990895
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0

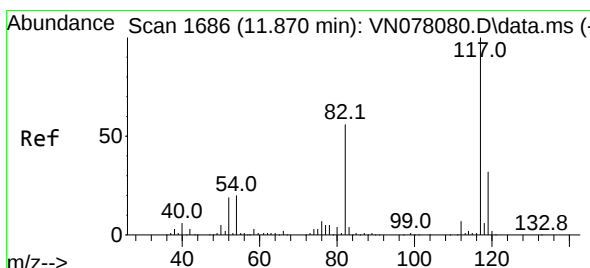
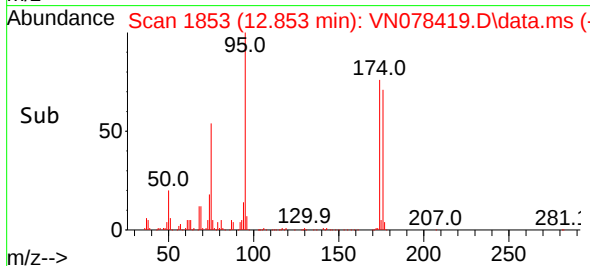
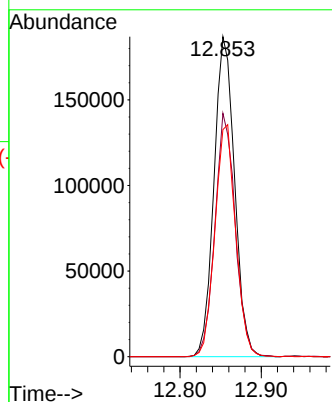
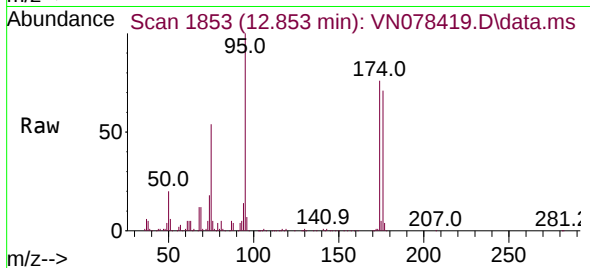




#62
4-Bromofluorobenzene
Concen: 50.587 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078419.D
Acq: 27 Jun 2023 16:17

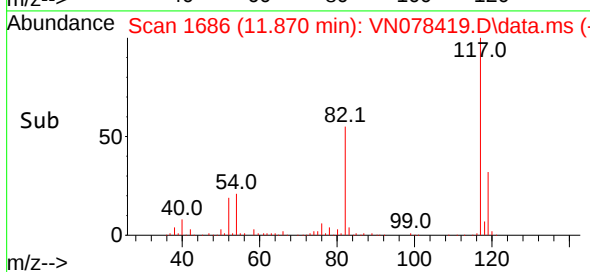
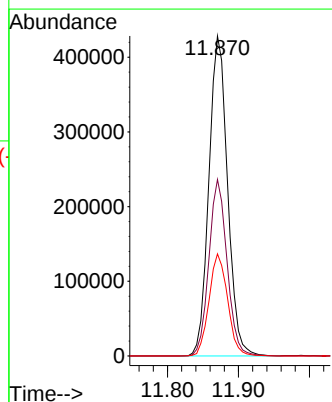
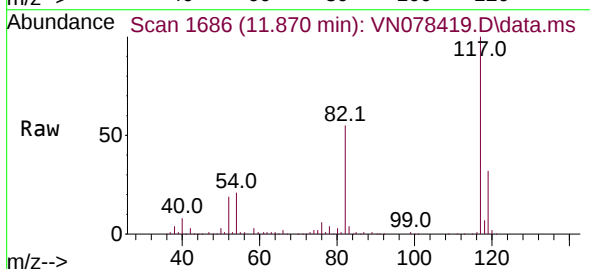
Instrument :
MSVOA_N
ClientSampleId :
TW-2

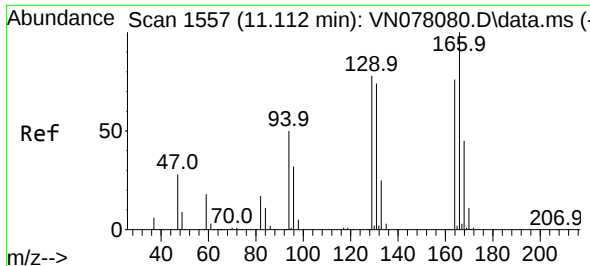
Tgt Ion: 95 Resp: 329293
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 73.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078419.D
Acq: 27 Jun 2023 16:17

Tgt Ion: 117 Resp: 783714
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 31.9 25.6 38.4



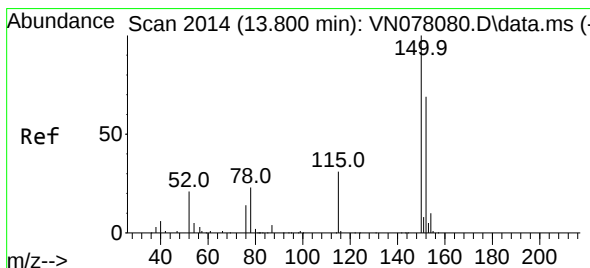
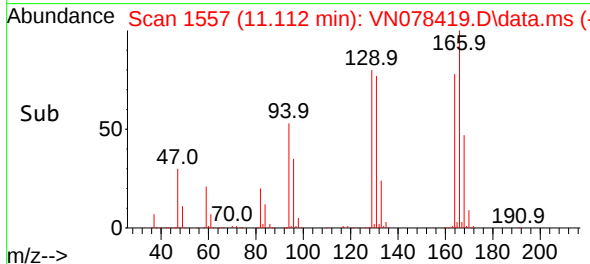
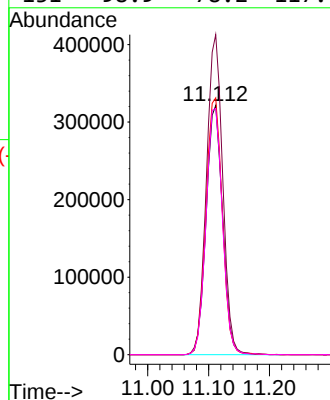
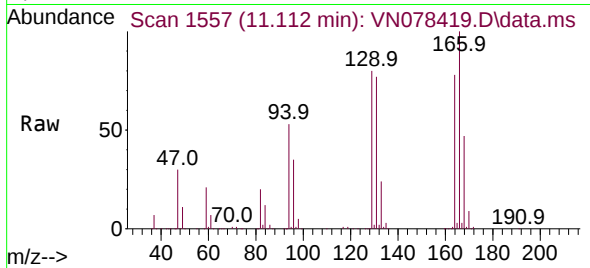


#64
Tetrachloroethene
Concen: 115.214 ug/l
RT: 11.112 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078419.D
Acq: 27 Jun 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :
TW-2

Tgt Ion:164 Resp: 602389

Ion	Ratio	Lower	Upper
164	100		
166	128.5	101.4	152.0
129	103.1	82.4	123.6
131	98.9	78.2	117.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078419.D
Acq: 27 Jun 2023 16:17

Tgt Ion:152 Resp: 250691

Ion	Ratio	Lower	Upper
152	100		
115	60.7	32.3	96.8
150	156.6	0.0	355.8

