

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061223\
 Data File : VN078166.D
 Acq On : 12 Jun 2023 15:06
 Operator : JC\MD
 Sample : 03096-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-25-0A

Quant Time: Jun 13 01:33:09 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)

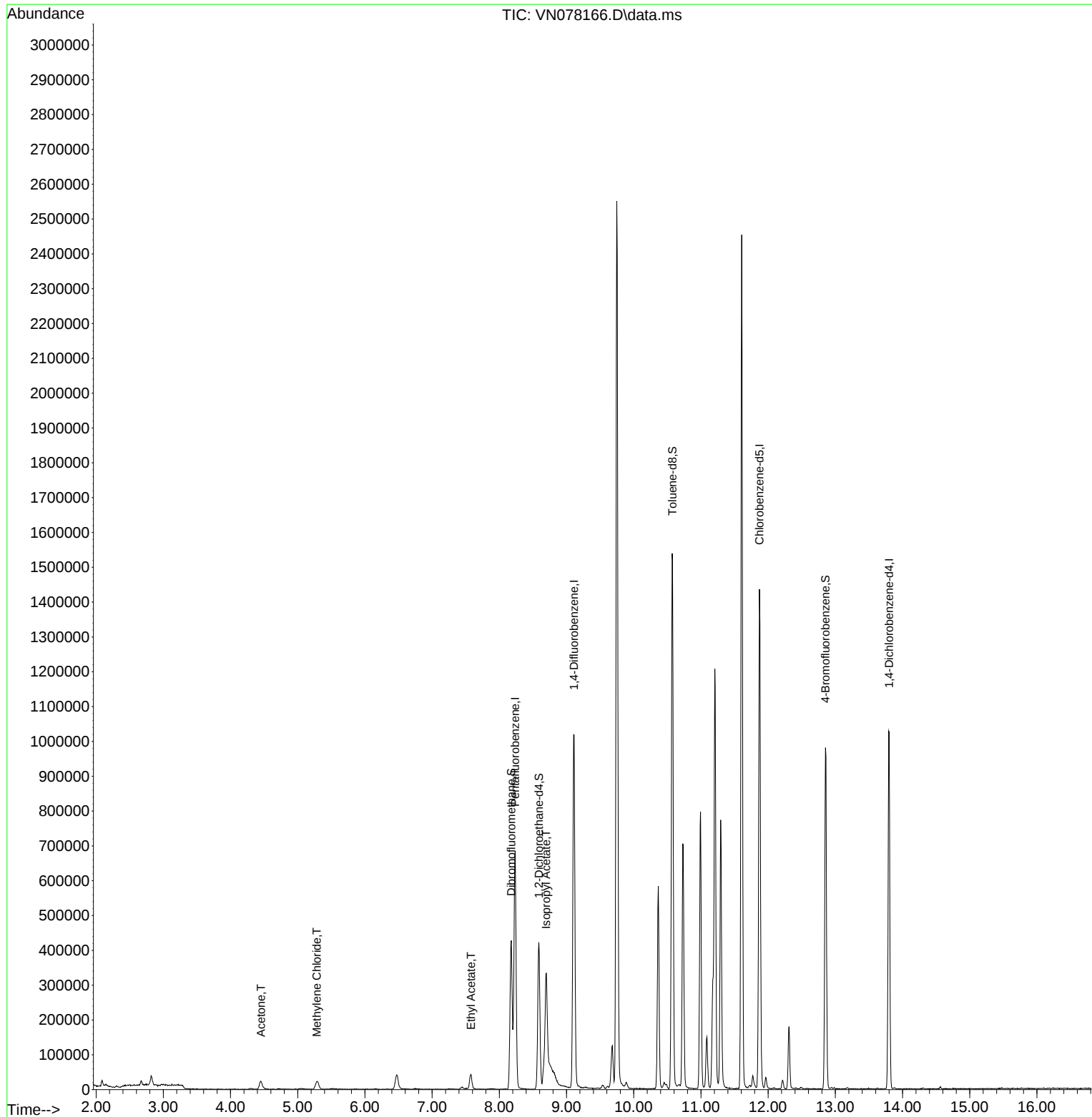
Internal Standards						
1) Pentafluorobenzene	8.236	168	490553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	923088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	854019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	281830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	347122	53.072	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.140%		
35) Dibromofluoromethane	8.177	113	304910	52.241	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.480%		
50) Toluene-d8	10.577	98	1118738	49.720	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.440%		
62) 4-Bromofluorobenzene	12.853	95	358222	51.212	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.420%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	43892	23.314	ug/l	96
20) Methylene Chloride	5.283	84	18602	2.990	ug/l #	86
37) Ethyl Acetate	7.577	43	65047	9.946	ug/l #	95
43) Isopropyl Acetate	8.694	43	552155	44.145	ug/l #	68

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

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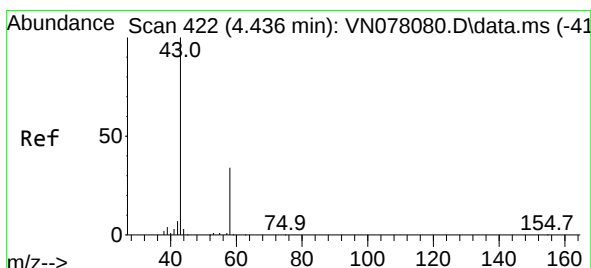
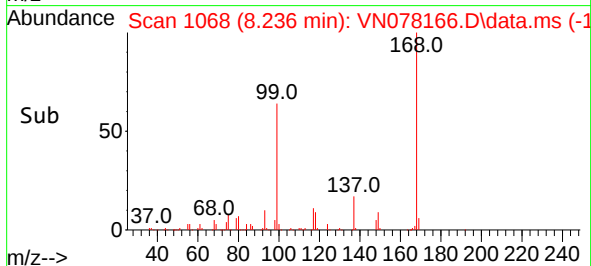
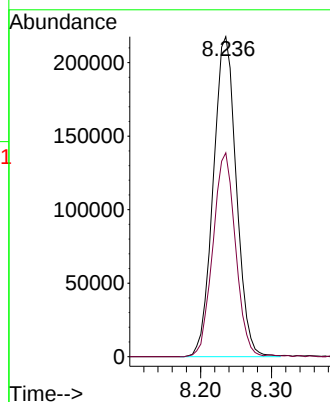
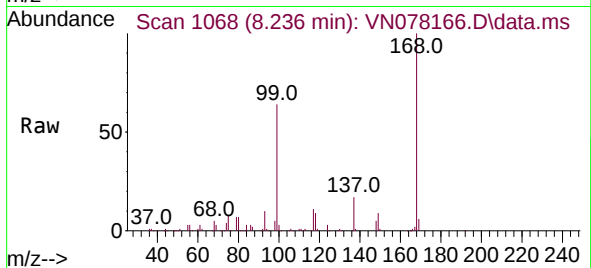




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN078166.D
Acq: 12 Jun 2023 15:06

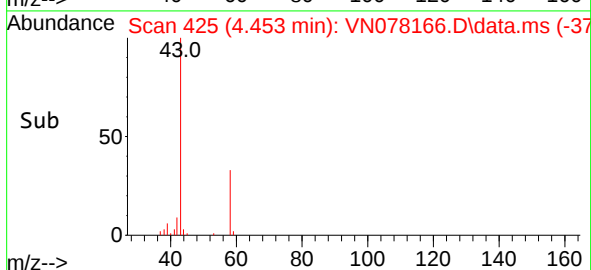
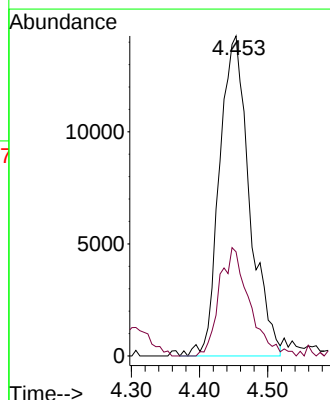
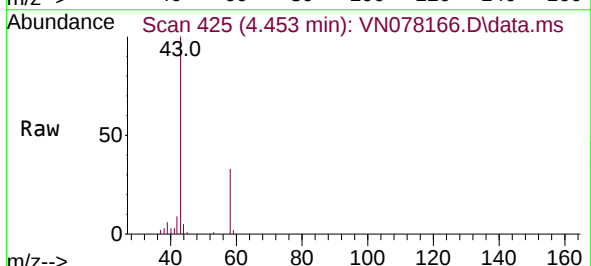
Instrument :
MSVOA_N
ClientSampleId :
TP-25-0A

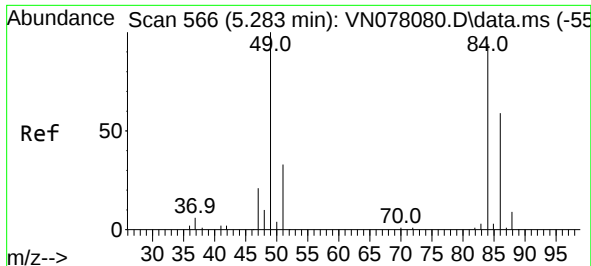
Tgt Ion:168 Resp: 490553
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6



#16
Acetone
Concen: 23.314 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078166.D
Acq: 12 Jun 2023 15:06

Tgt Ion: 43 Resp: 43892
Ion Ratio Lower Upper
43 100
58 32.6 28.0 42.0

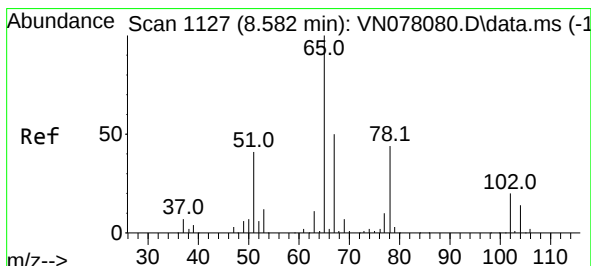
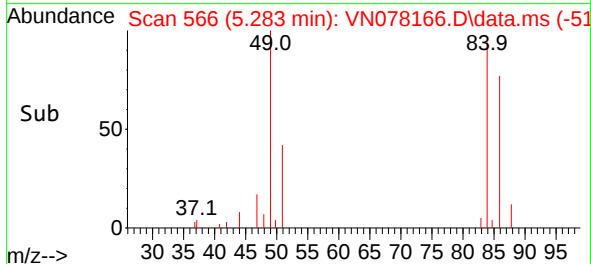
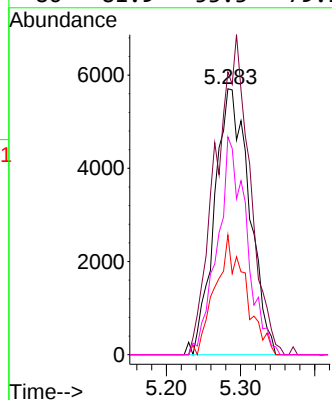
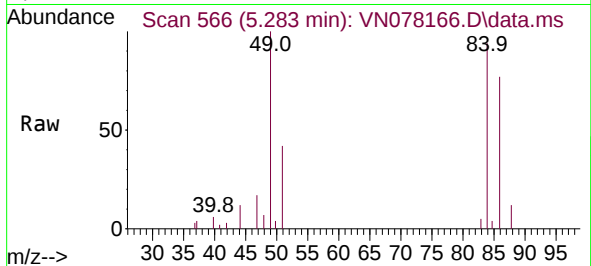




#20
Methylene Chloride
Concen: 2.990 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN078166.D
Acq: 12 Jun 2023 15:06

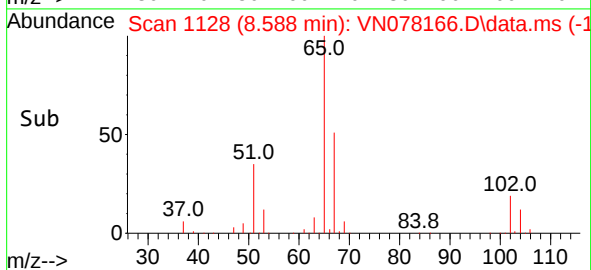
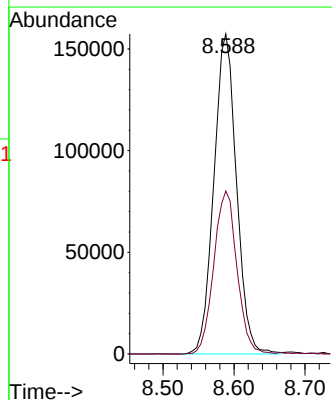
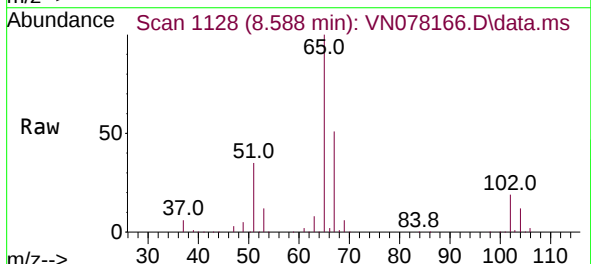
Instrument :
MSVOA_N
ClientSampleId :
TP-25-0A

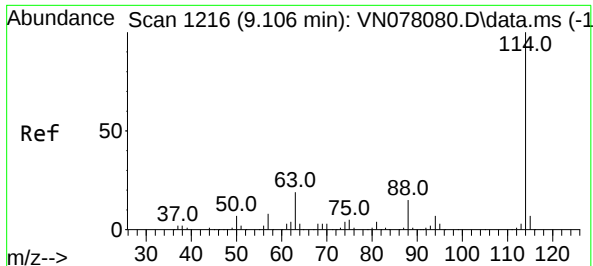
Tgt Ion:	84	Resp:	18602
Ion	Ratio	Lower	Upper
84	100		
49	106.3	79.7	119.5
51	45.0	25.2	37.8#
86	81.9	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 53.072 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078166.D
Acq: 12 Jun 2023 15:06

Tgt Ion:	65	Resp:	347122
Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VN078166.D

Acq: 12 Jun 2023 15:06

Instrument :

MSVOA_N

ClientSampleId :

TP-25-0A

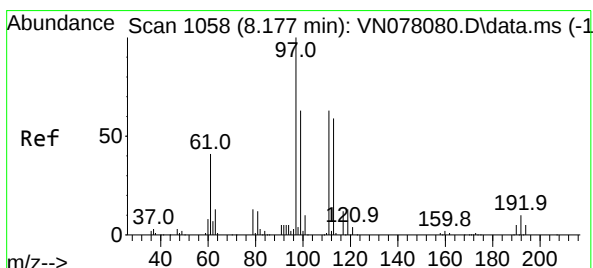
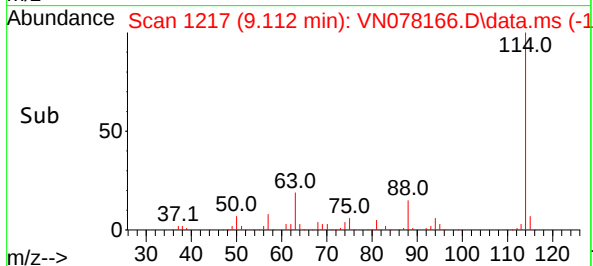
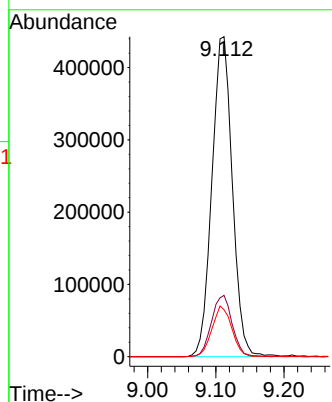
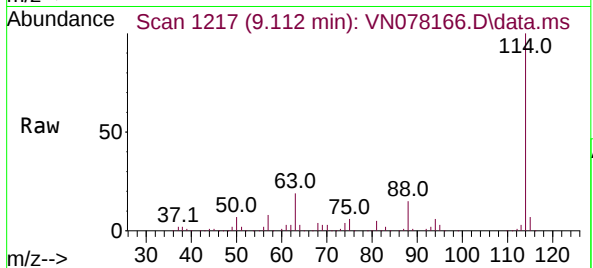
Tgt Ion:114 Resp: 923088

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.241 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

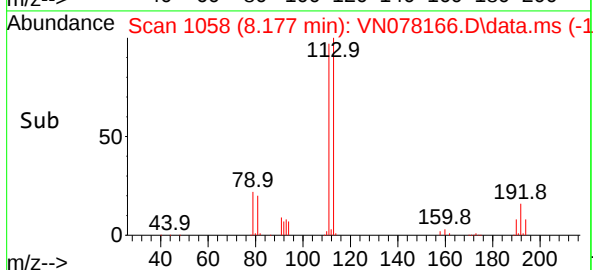
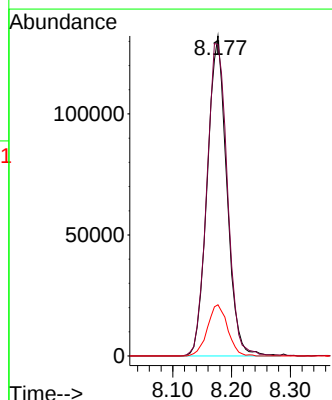
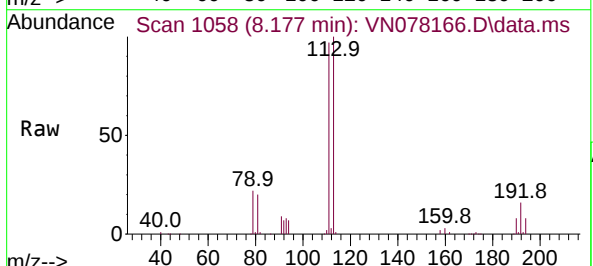
Tgt Ion:113 Resp: 304910

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

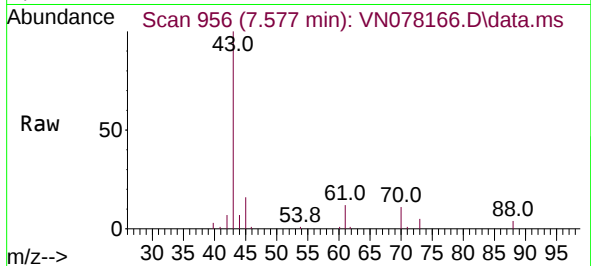
192 16.5 12.7 19.1



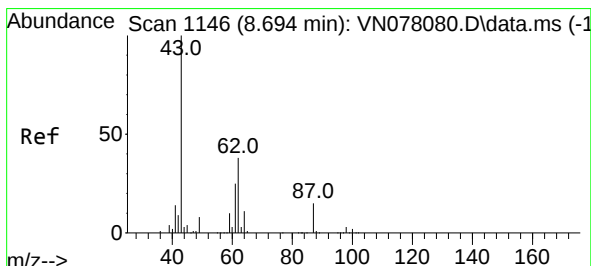
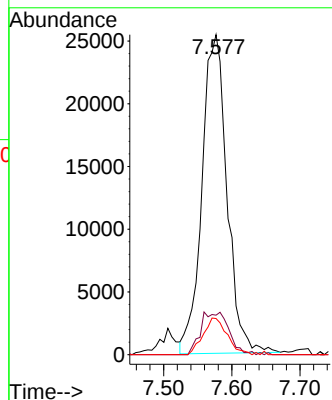
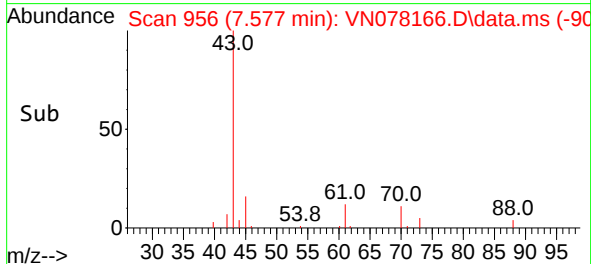


#37
Ethyl Acetate
Concen: 9.946 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078166.D
Acq: 12 Jun 2023 15:06

Instrument :
MSVOA_N
ClientSampleId :
TP-25-0A

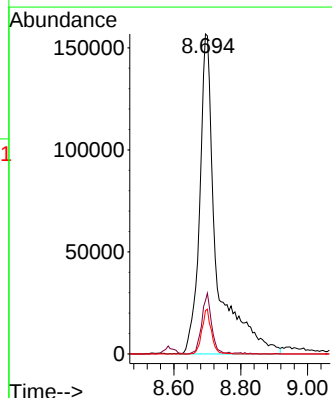
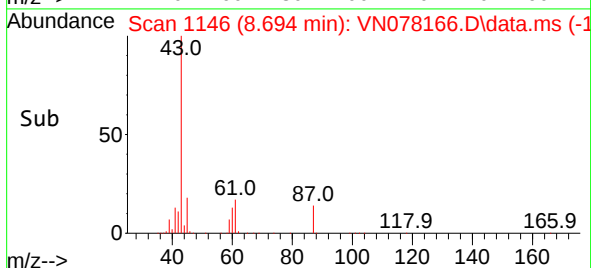
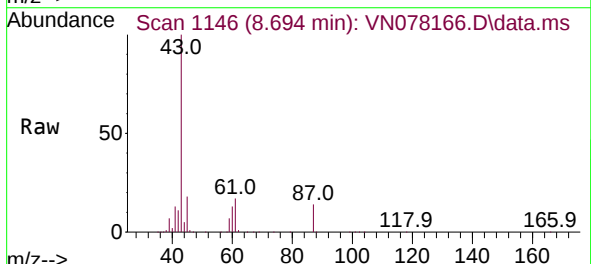


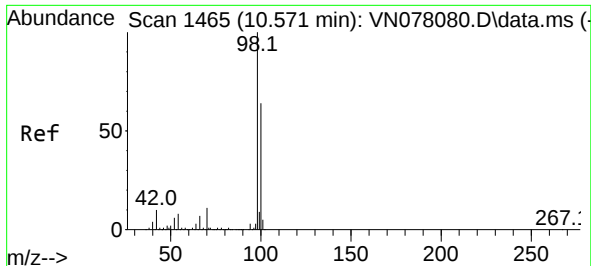
Tgt Ion: 43 Resp: 65047
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 11.0 11.3 16.9#



#43
Isopropyl Acetate
Concen: 44.145 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078166.D
Acq: 12 Jun 2023 15:06

Tgt Ion: 43 Resp: 552155
Ion Ratio Lower Upper
43 100
61 10.9 24.7 37.1#
87 7.7 14.6 21.8#

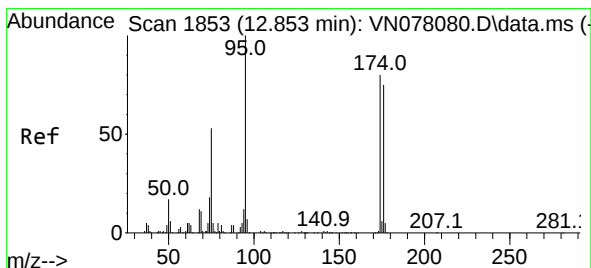
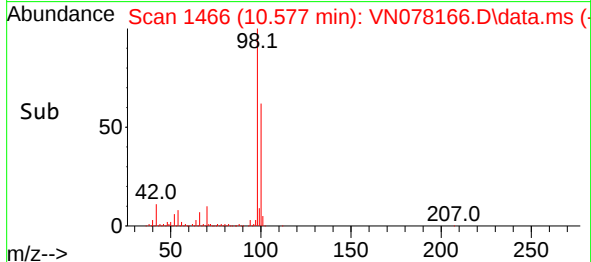
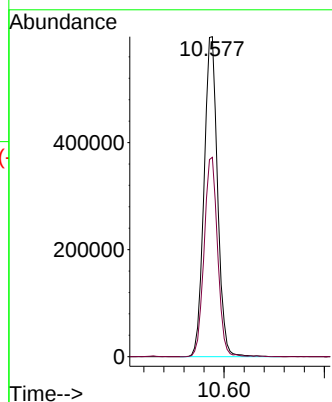
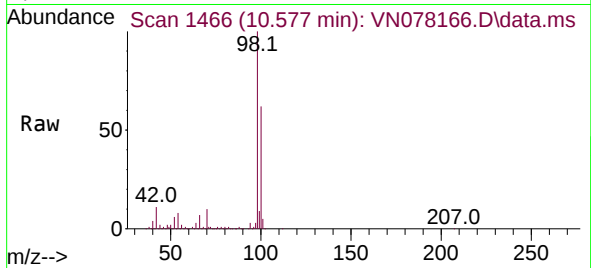




#50
Toluene-d8
Concen: 49.720 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078166.D
Acq: 12 Jun 2023 15:06

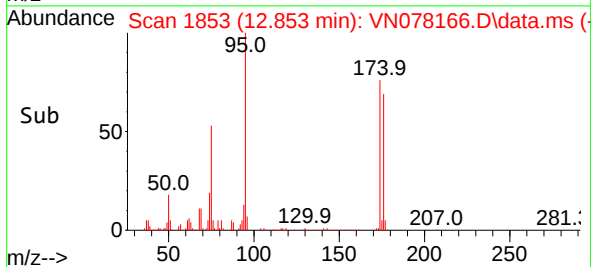
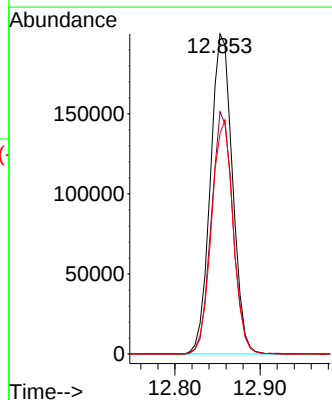
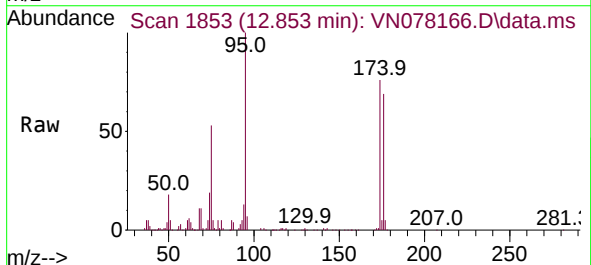
Instrument :
MSVOA_N
ClientSampleId :
TP-25-0A

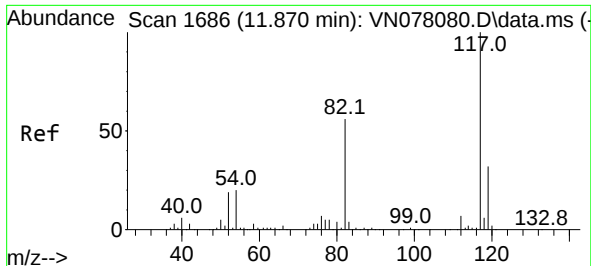
Tgt Ion: 98 Resp: 1118738
Ion Ratio Lower Upper
98 100
100 62.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.212 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078166.D
Acq: 12 Jun 2023 15:06

Tgt Ion: 95 Resp: 358222
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 71.8 0.0 135.8

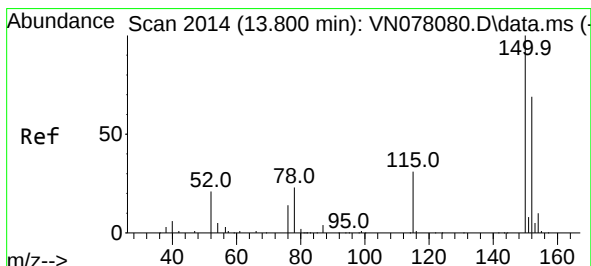
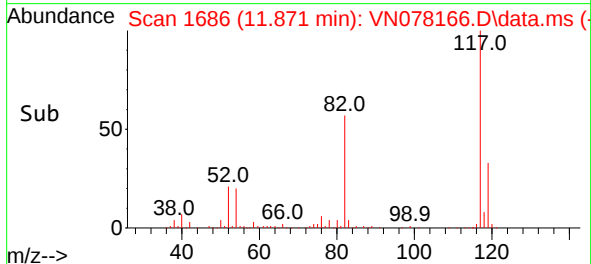
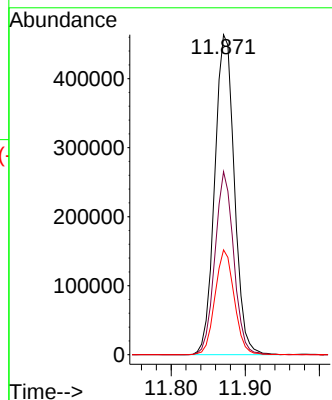
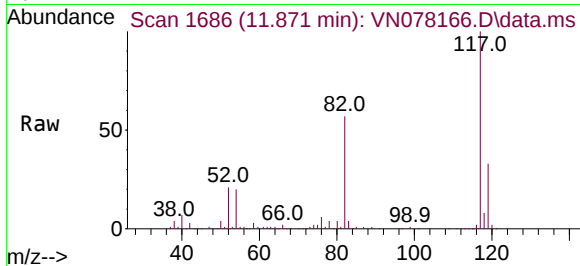




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078166.D
Acq: 12 Jun 2023 15:06

Instrument :
MSVOA_N
ClientSampleId :
TP-25-0A

Tgt Ion:117 Resp: 854019
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078166.D
Acq: 12 Jun 2023 15:06

Tgt Ion:152 Resp: 281830
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 157.6 0.0 355.8

