

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080036.D
 Acq On : 09 Nov 2023 20:58
 Operator : JC\MD
 Sample : 05311-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Nov 10 00:42:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

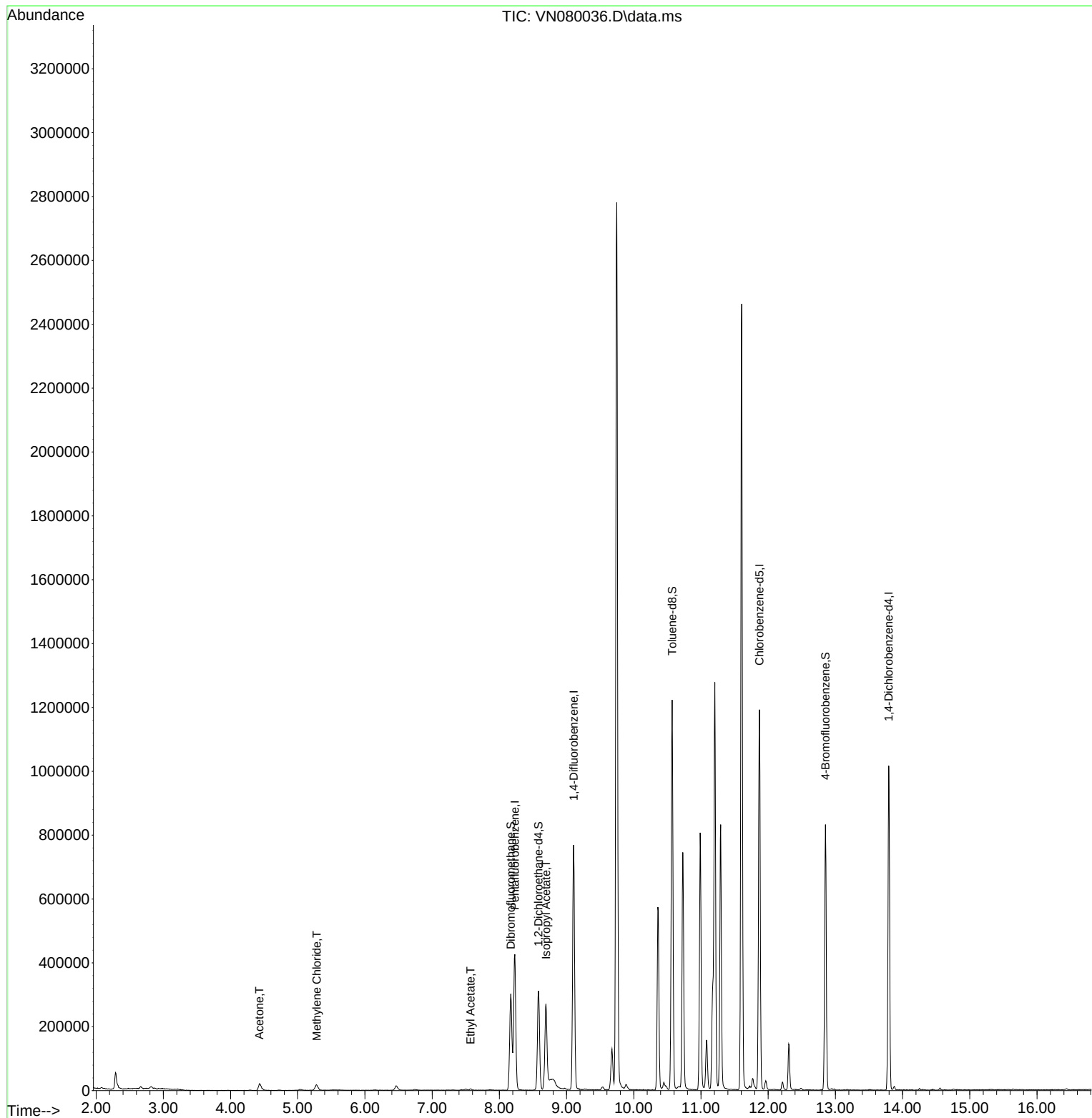
Internal Standards						
1) Pentafluorobenzene	8.230	168	298838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	637244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	684768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	263432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	260203	57.151	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.300%
35) Dibromofluoromethane	8.171	113	217038	48.122	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.240%
50) Toluene-d8	10.571	98	826098	49.754	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.853	95	289419	52.559	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.120%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	39967	24.991	ug/l	97
20) Methylene Chloride	5.283	84	13960	3.459	ug/l	85
37) Ethyl Acetate	7.571	43	6415	1.086	ug/l #	81
43) Isopropyl Acetate	8.694	43	323888	31.271	ug/l #	78

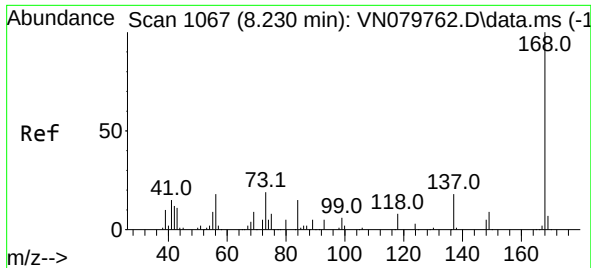
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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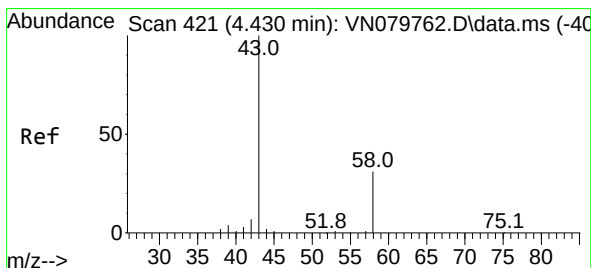
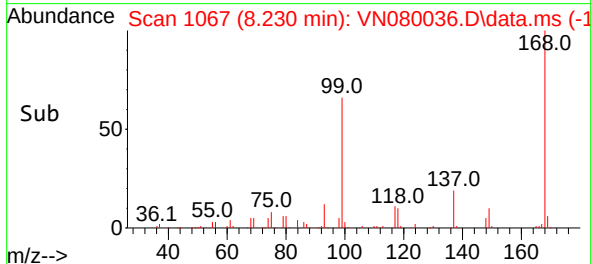
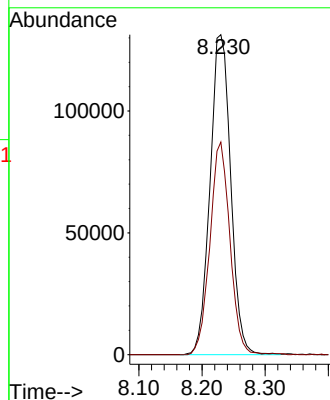
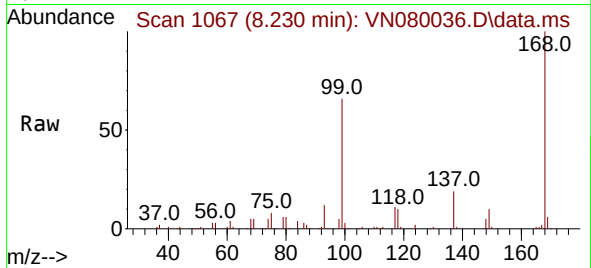




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080036.D
Acq: 09 Nov 2023 20:58

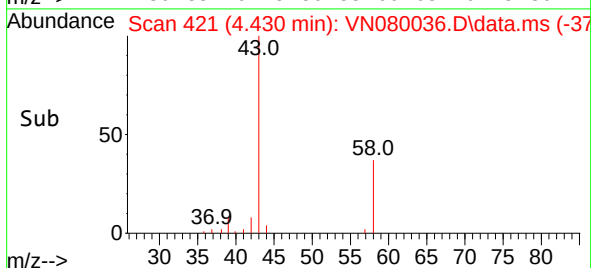
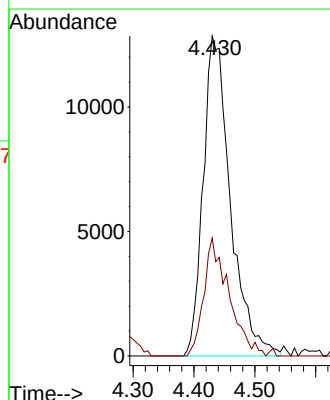
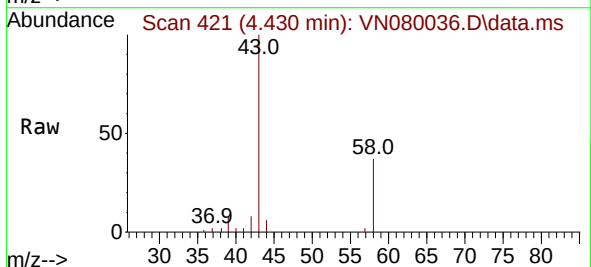
Instrument :
MSVOA_N
ClientSampleId :
TP-3

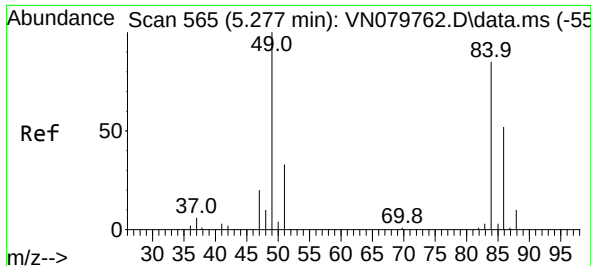
Tgt Ion:168 Resp: 298838
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#16
Acetone
Concen: 24.991 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080036.D
Acq: 09 Nov 2023 20:58

Tgt Ion: 43 Resp: 39967
Ion Ratio Lower Upper
43 100
58 36.8 28.0 42.0

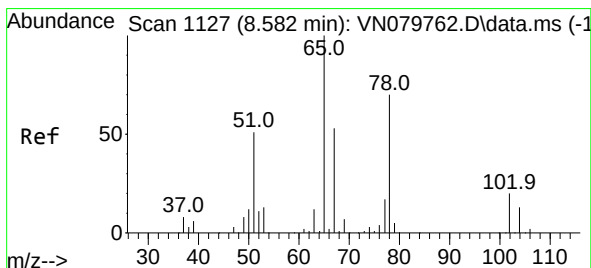
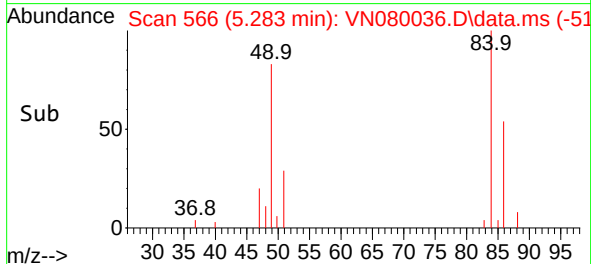
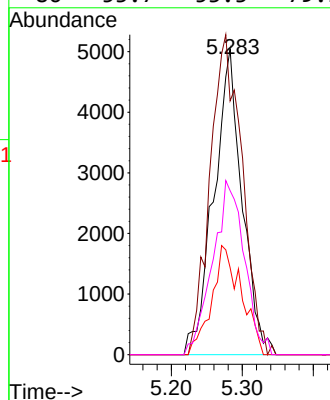
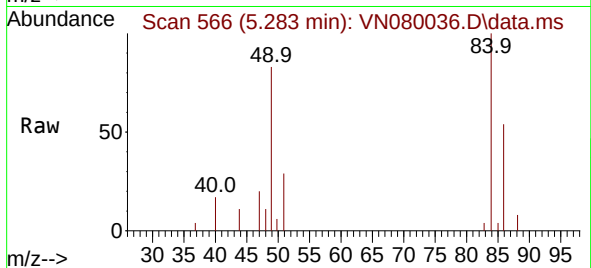




#20
Methylene Chloride
Concen: 3.459 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080036.D
Acq: 09 Nov 2023 20:58

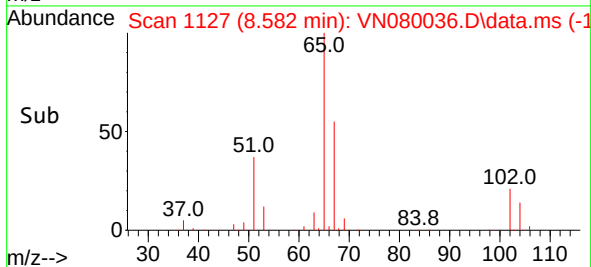
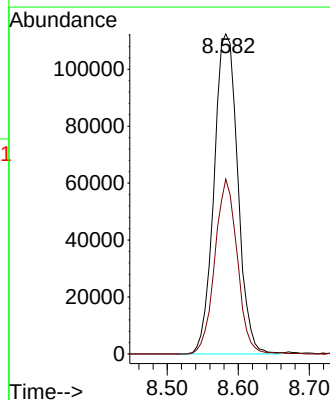
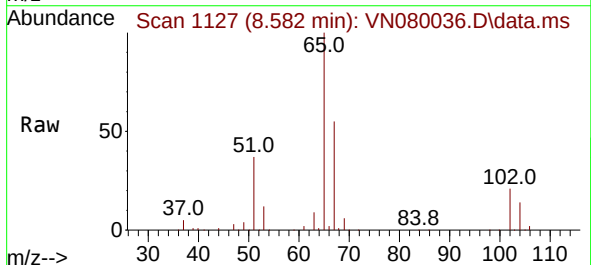
Instrument :
MSVOA_N
ClientSampleId :
TP-3

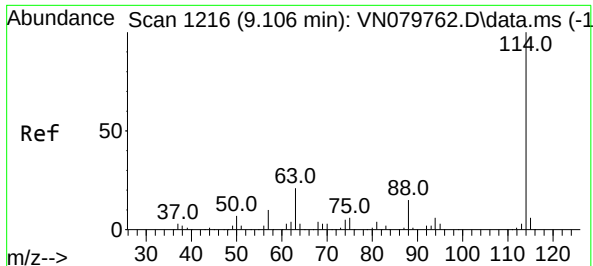
Tgt Ion: 84	Resp: 13960
Ion Ratio	Lower Upper
84 100	
49 83.0	79.7 119.5
51 28.5	25.2 37.8
86 53.7	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 57.151 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080036.D
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Tgt Ion: 65	Resp: 260203
Ion Ratio	Lower Upper
65 100	
67 51.8	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080036.D

Acq: 09 Nov 2023 20:58

Instrument :

MSVOA_N

ClientSampleId :

TP-3

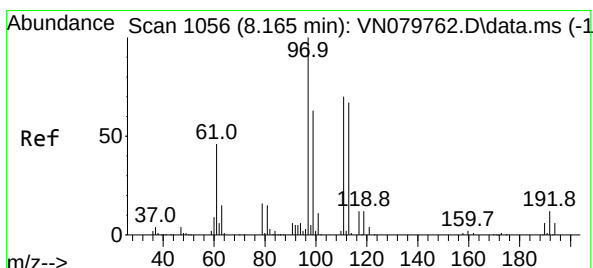
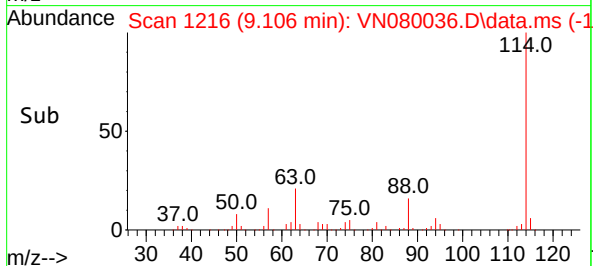
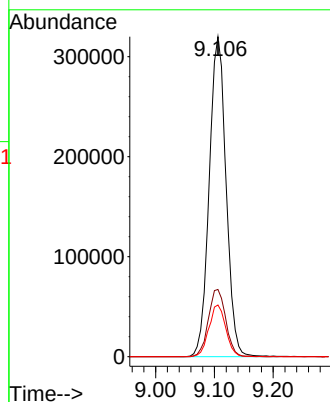
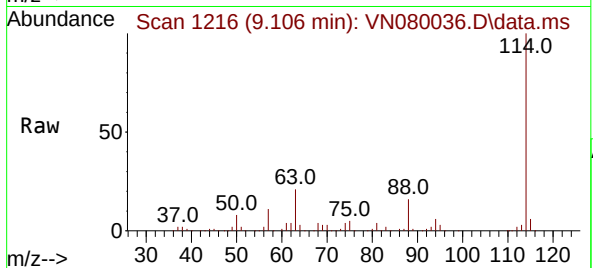
Tgt Ion:114 Resp: 637244

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.122 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080036.D

Acq: 09 Nov 2023 20:58

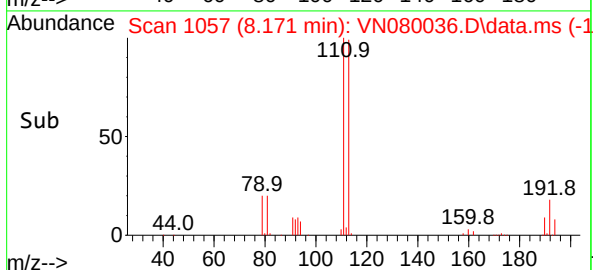
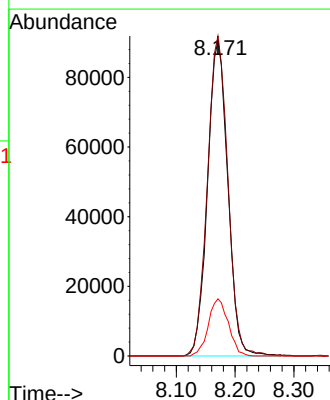
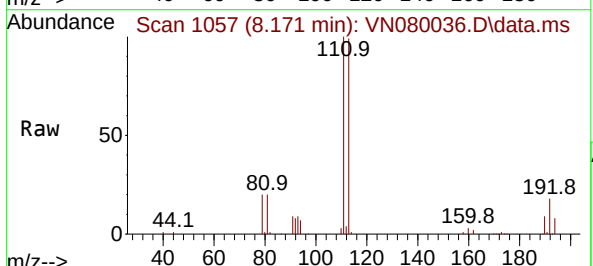
Tgt Ion:113 Resp: 217038

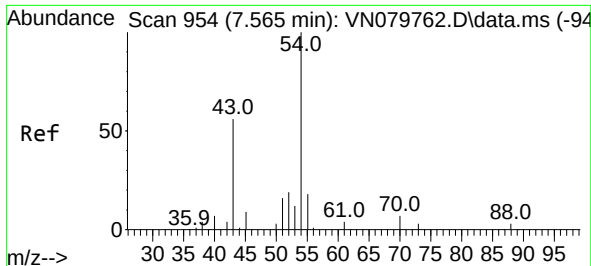
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 17.9 12.7 19.1

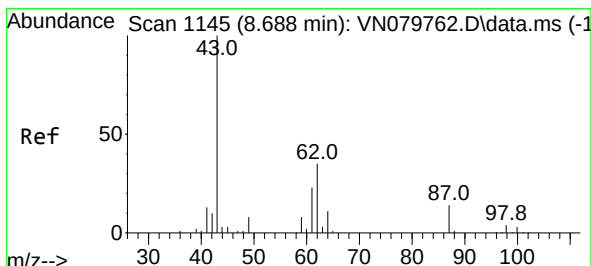
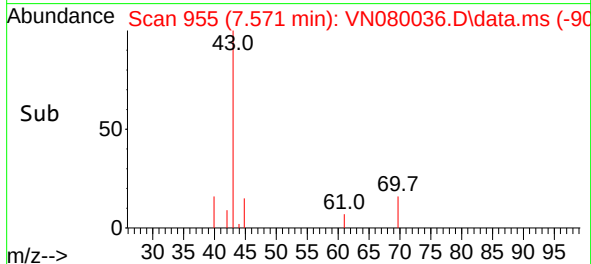
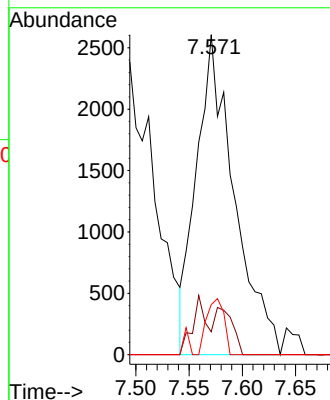
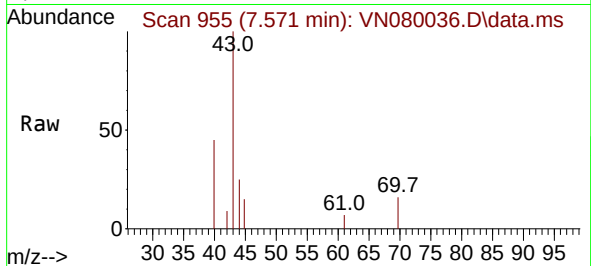




#37
Ethyl Acetate
Concen: 1.086 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080036.D
Acq: 09 Nov 2023 20:58

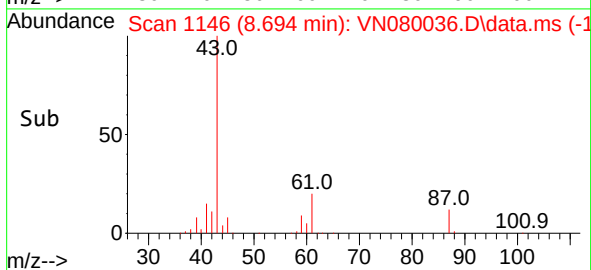
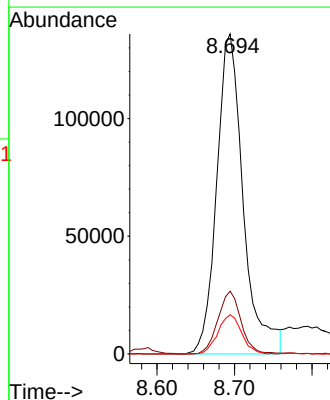
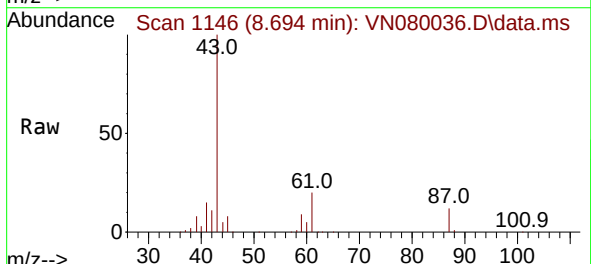
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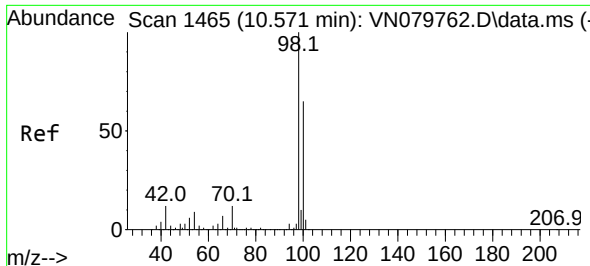
Tgt Ion: 43 Resp: 6415
Ion Ratio Lower Upper
43 100
61 6.8 13.2 19.8#
70 8.1 11.3 16.9#



#43
Isopropyl Acetate
Concen: 31.271 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080036.D
Acq: 09 Nov 2023 20:58

Tgt Ion: 43 Resp: 323888
Ion Ratio Lower Upper
43 100
61 17.1 24.7 37.1#
87 10.9 14.6 21.8#

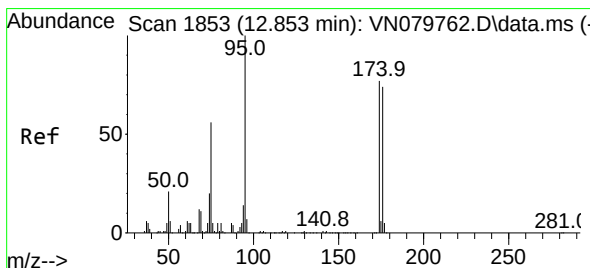
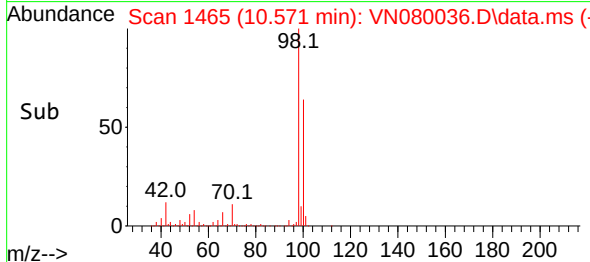
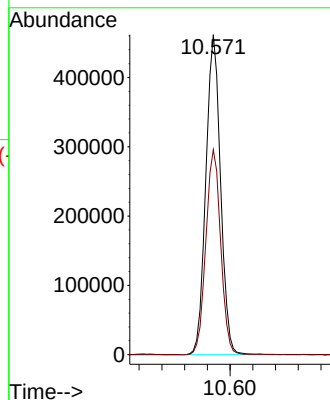
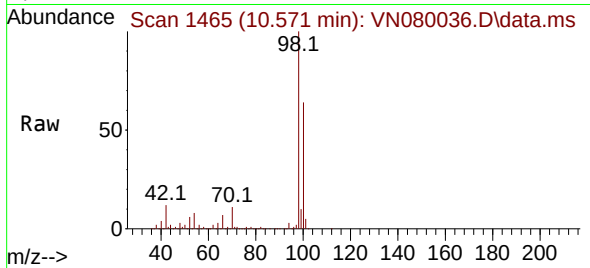




#50
Toluene-d8
Concen: 49.754 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080036.D
Acq: 09 Nov 2023 20:58

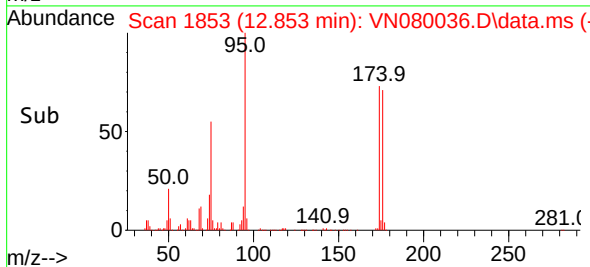
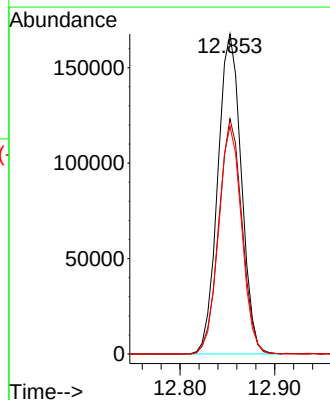
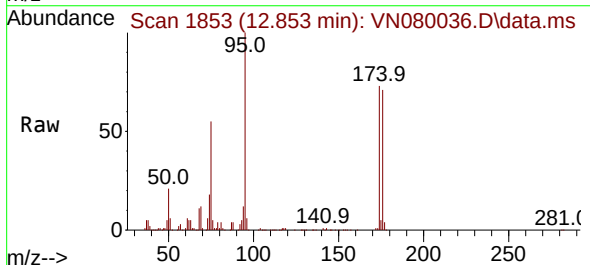
Instrument :
MSVOA_N
ClientSampleId :
TP-3

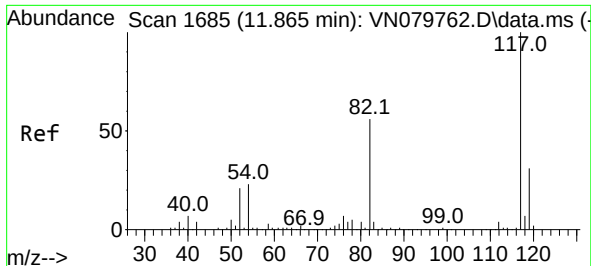
Tgt Ion: 98 Resp: 826098
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.559 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080036.D
Acq: 09 Nov 2023 20:58

Tgt Ion: 95 Resp: 289419
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.8
176 69.9 0.0 135.8

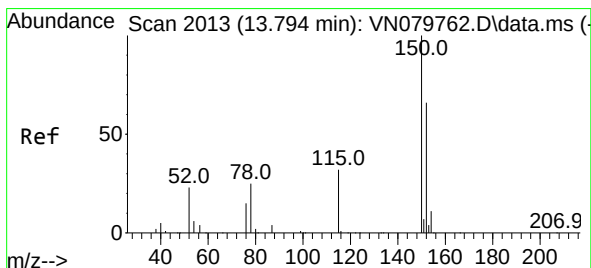
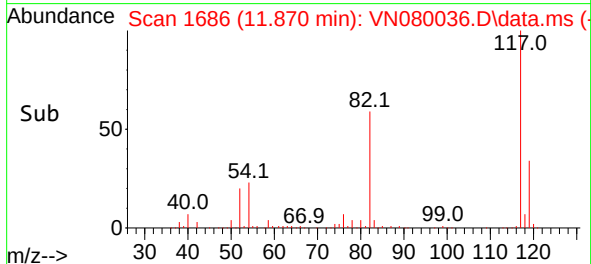
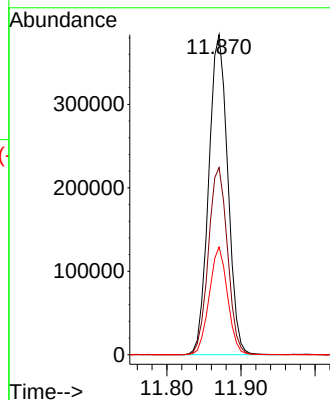
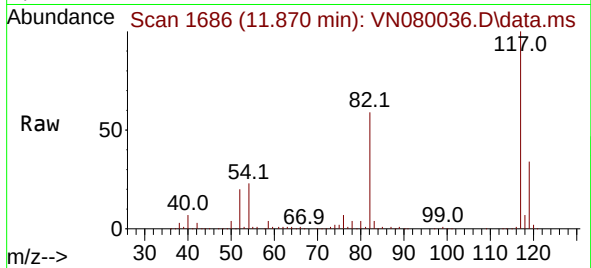




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080036.D
Acq: 09 Nov 2023 20:58

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 684768
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 33.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080036.D
Acq: 09 Nov 2023 20:58

Tgt Ion:152 Resp: 263432
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 158.3 0.0 355.8

