

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077451.D
 Acq On : 25 Apr 2023 06:29
 Operator : JC\MD
 Sample : PB152304ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152304ZHE#02

Quant Time: Apr 25 08:42:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

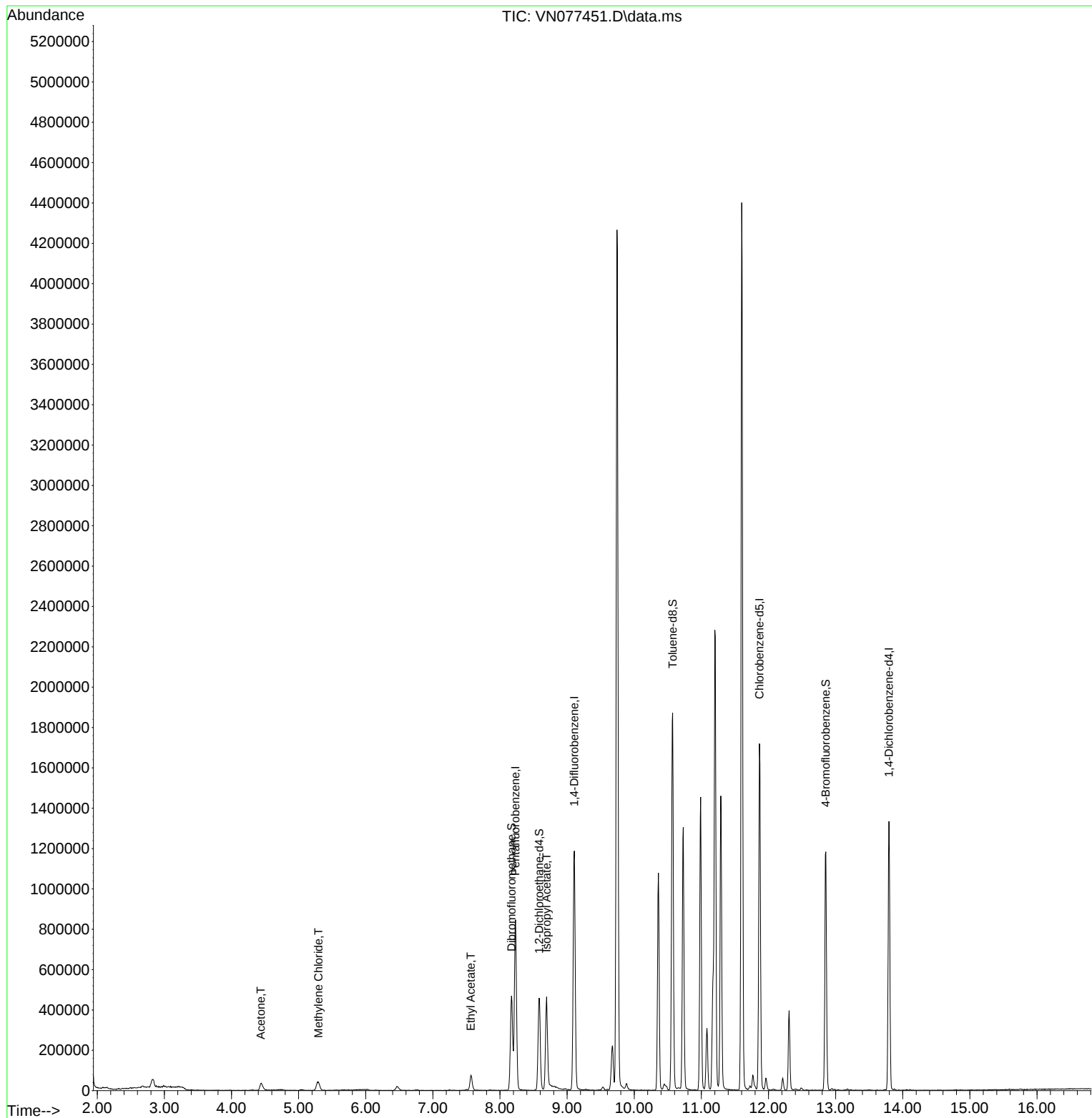
Internal Standards						
1) Pentafluorobenzene	8.231	168	609086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1106987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1032360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	360181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	382082	48.074	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.140%
35) Dibromofluoromethane	8.172	113	336228	50.534	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	10.572	98	1368838	53.680	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.360%
62) 4-Bromofluorobenzene	12.854	95	431445	51.714	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.420%
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	67953	26.874	ug/l	96
20) Methylene Chloride	5.296	84	38457	4.796	ug/l	95
37) Ethyl Acetate	7.566	43	103165	14.124	ug/l	100
43) Isopropyl Acetate	8.695	43	502572	39.772	ug/l #	89

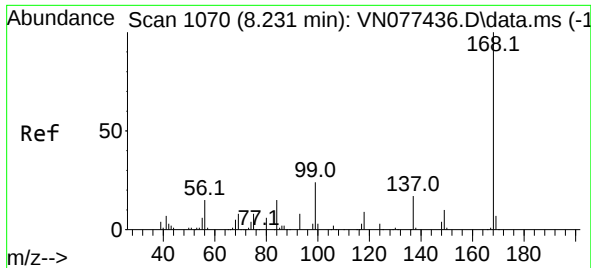
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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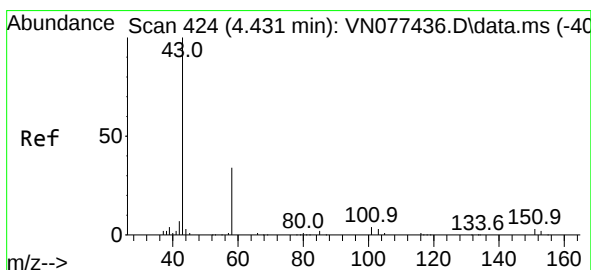
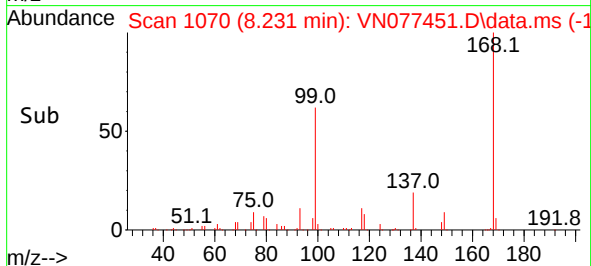
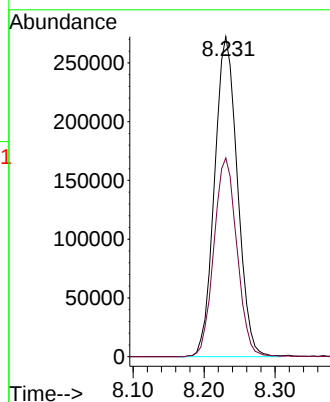
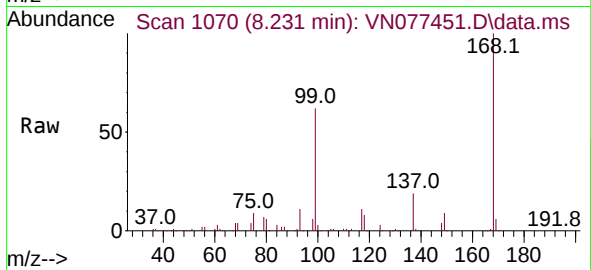




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077451.D
Acq: 25 Apr 2023 06:29

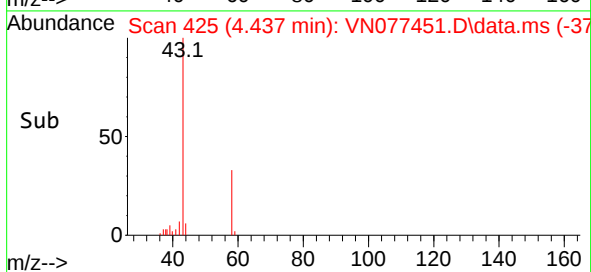
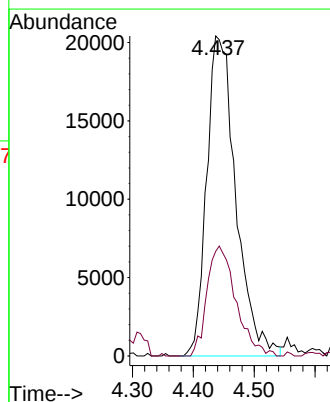
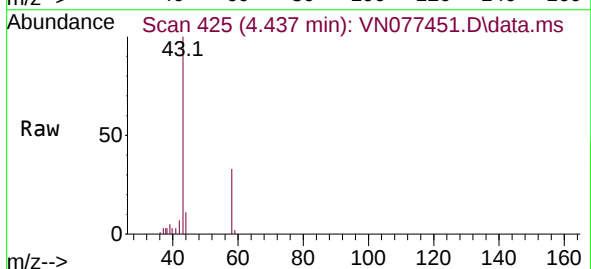
Instrument :
MSVOA_N
ClientSampleId :
PB152304ZHE#02

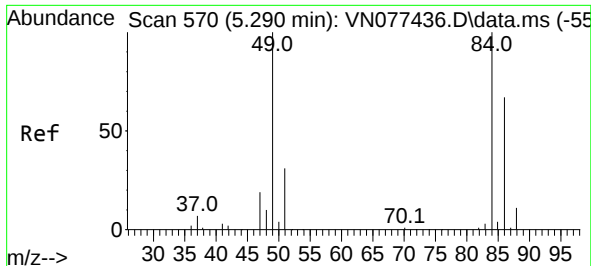
Tgt Ion:168 Resp: 609086
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#16
Acetone
Concen: 26.874 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077451.D
Acq: 25 Apr 2023 06:29

Tgt Ion: 43 Resp: 67953
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0

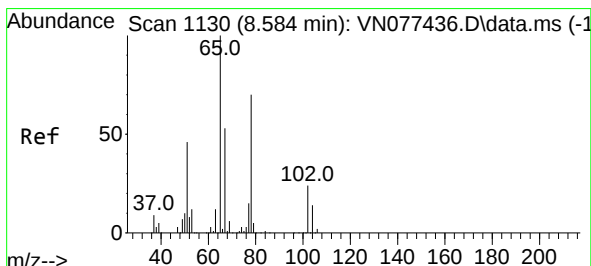
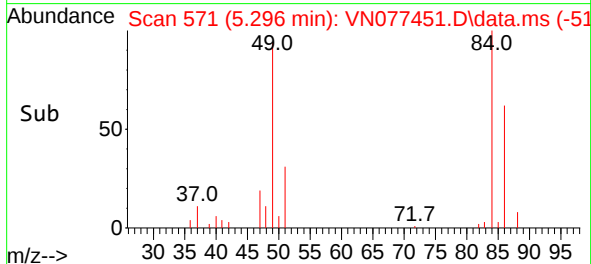
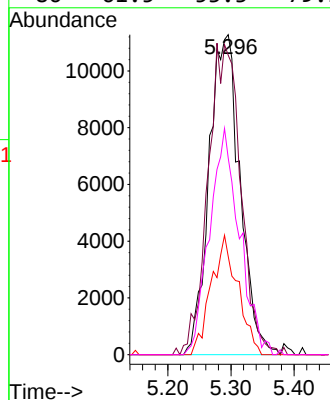
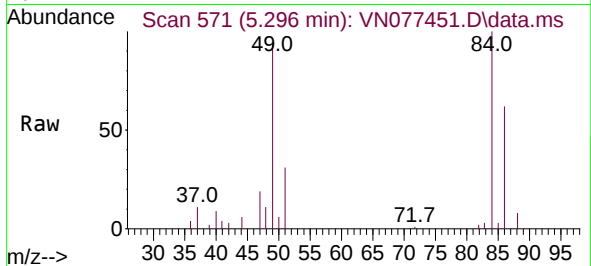




#20
Methylene Chloride
Concen: 4.796 ug/l
RT: 5.296 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077451.D
Acq: 25 Apr 2023 06:29

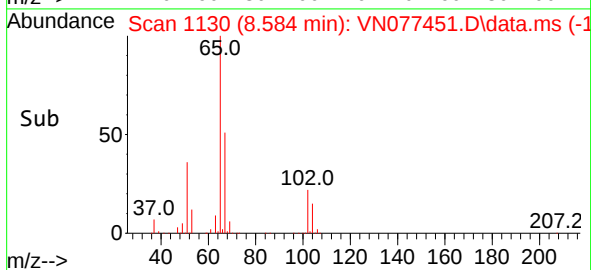
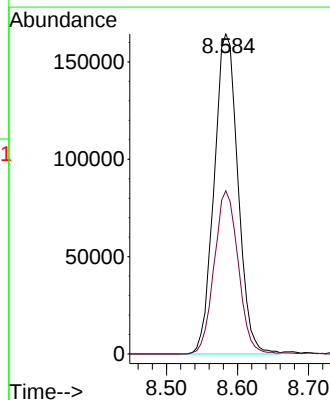
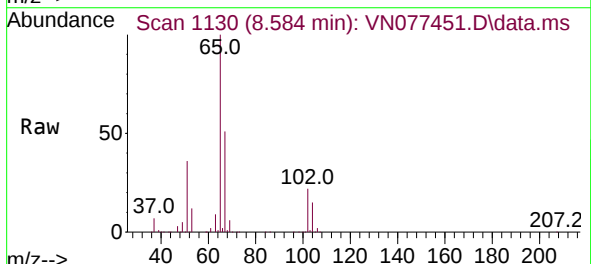
Instrument :
MSVOA_N
ClientSampleId :
PB152304ZHE#02

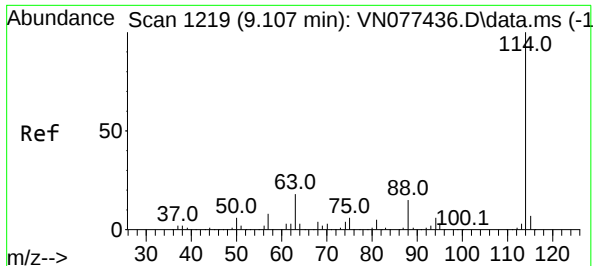
Tgt Ion: 84	Resp: 38457
Ion Ratio	Lower Upper
84 100	
49 93.6	79.7 119.5
51 30.8	25.2 37.8
86 61.5	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 48.074 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077451.D
Acq: 25 Apr 2023 06:29

Tgt Ion: 65	Resp: 382082
Ion Ratio	Lower Upper
65 100	
67 51.6	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077451.D

Acq: 25 Apr 2023 06:29

Instrument :

MSVOA_N

ClientSampleId :

PB152304ZHE#02

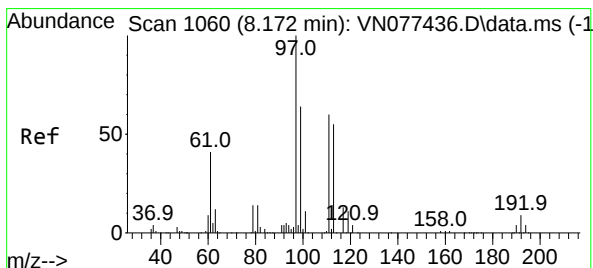
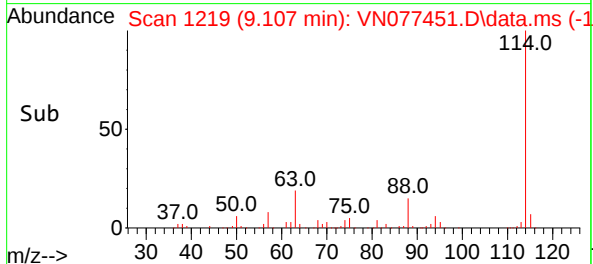
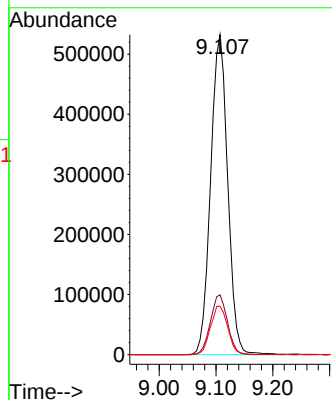
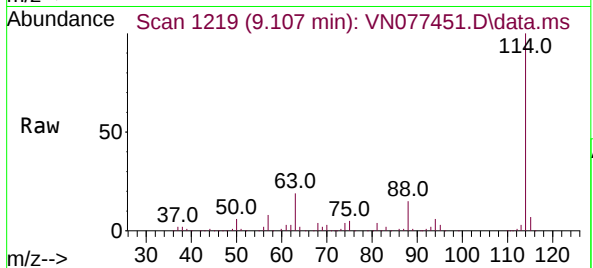
Tgt Ion:114 Resp: 1106987

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.534 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077451.D

Acq: 25 Apr 2023 06:29

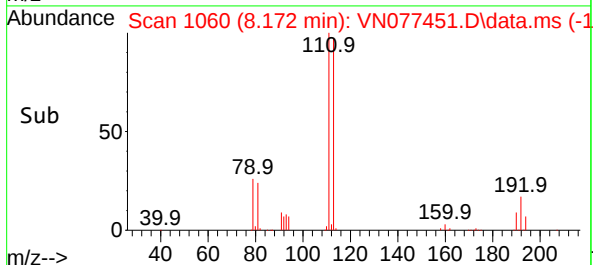
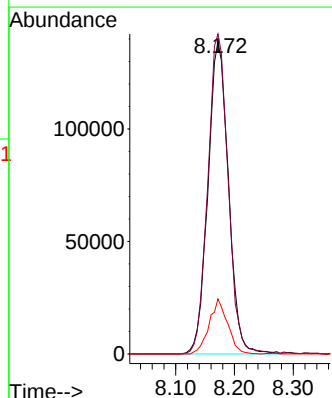
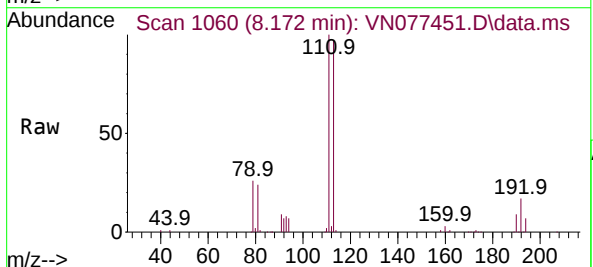
Tgt Ion:113 Resp: 336228

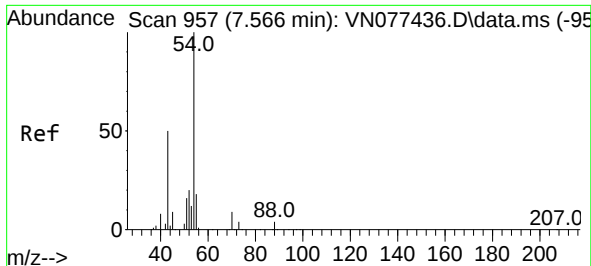
Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 15.9 12.7 19.1

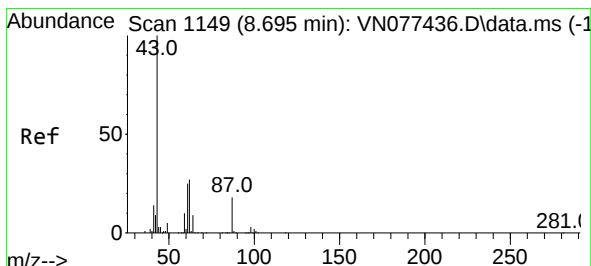
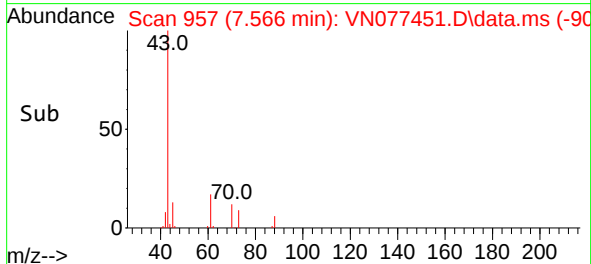
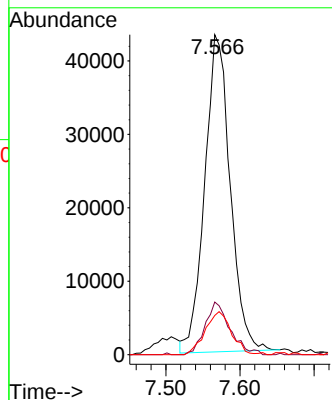
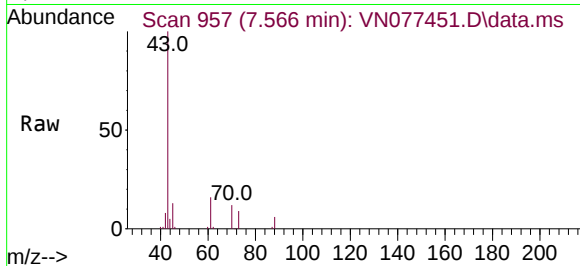




#37
Ethyl Acetate
Concen: 14.124 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077451.D
Acq: 25 Apr 2023 06:29

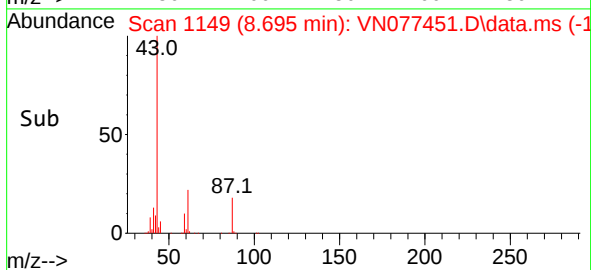
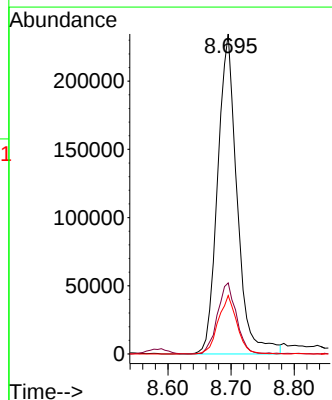
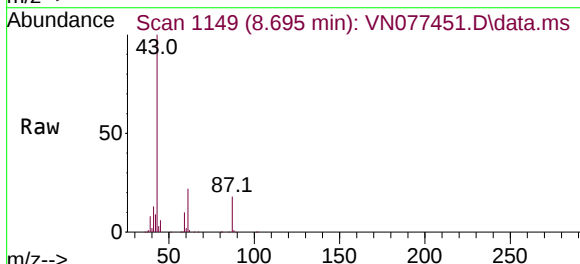
Instrument :
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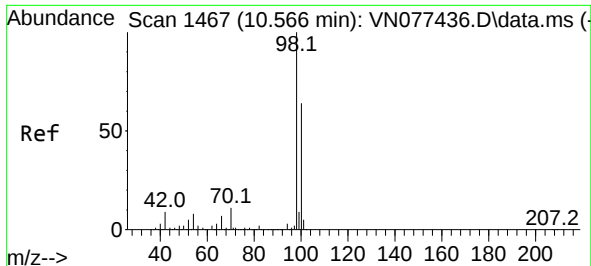
Tgt Ion: 43 Resp: 103165
Ion Ratio Lower Upper
43 100
61 16.2 13.2 19.8
70 14.0 11.3 16.9



#43
Isopropyl Acetate
Concen: 39.772 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077451.D
Acq: 25 Apr 2023 06:29

Tgt Ion: 43 Resp: 502572
Ion Ratio Lower Upper
43 100
61 21.6 24.7 37.1#
87 17.5 14.6 21.8

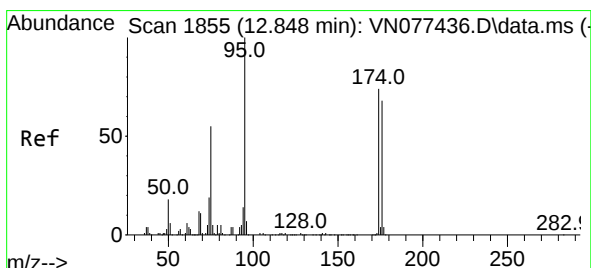
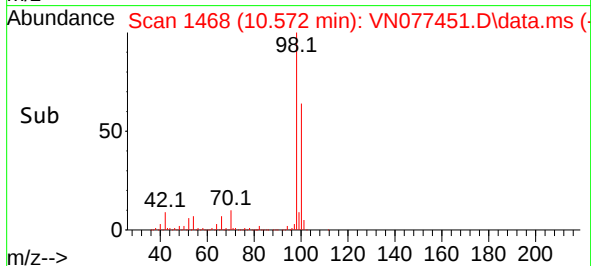
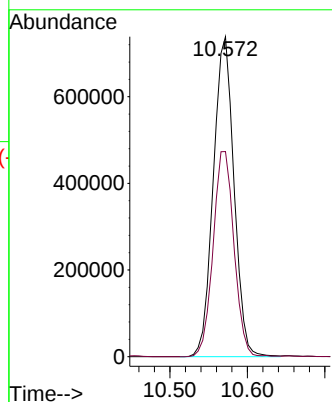
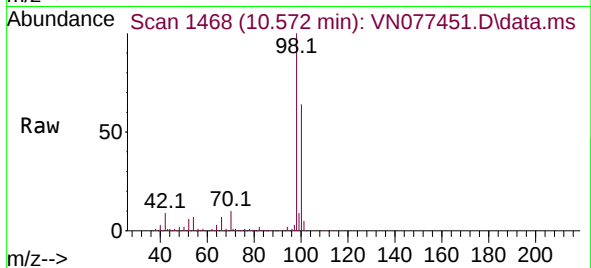




#50
Toluene-d8
Concen: 53.680 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077451.D
Acq: 25 Apr 2023 06:29

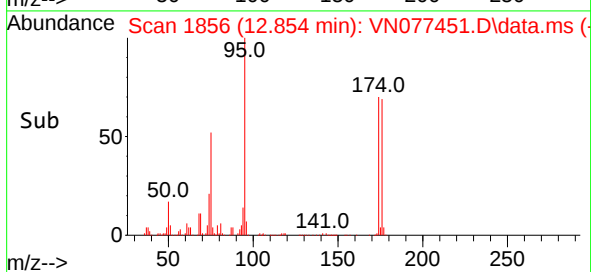
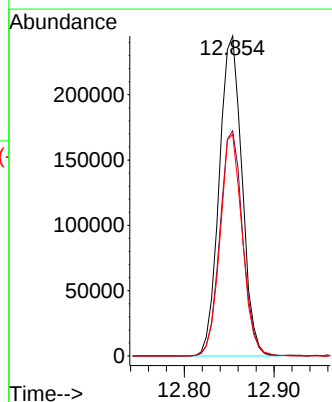
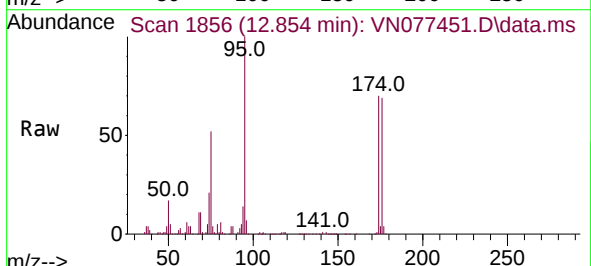
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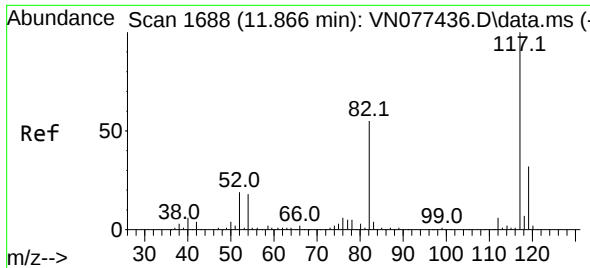
Tgt Ion: 98 Resp: 1368838
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.714 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077451.D
Acq: 25 Apr 2023 06:29

Tgt Ion: 95 Resp: 431445
Ion Ratio Lower Upper
95 100
174 70.2 0.0 143.8
176 67.5 0.0 135.8

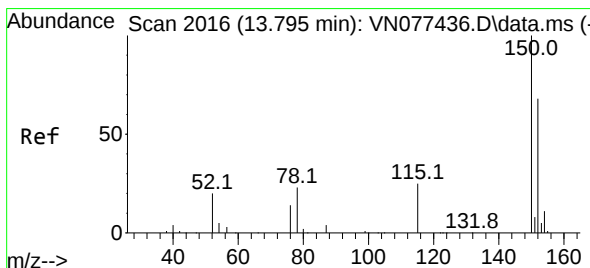
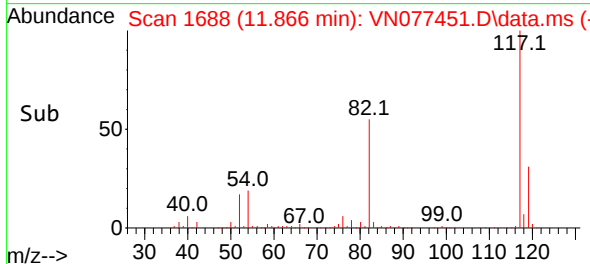
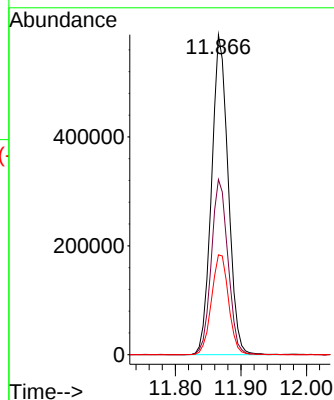
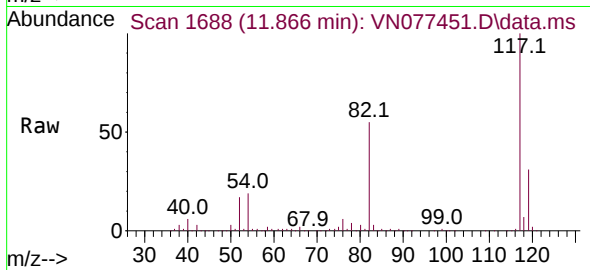




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077451.D
Acq: 25 Apr 2023 06:29

Instrument :
MSVOA_N
ClientSampleId :
PB152304ZHE#02

Tgt Ion:117 Resp: 1032360
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077451.D
Acq: 25 Apr 2023 06:29

Tgt Ion:152 Resp: 360181
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 157.8 0.0 355.8

