

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077452.D
 Acq On : 25 Apr 2023 06:53
 Operator : JC\MD
 Sample : PB152304ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152304ZHE#03

Quant Time: Apr 25 08:42:42 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)

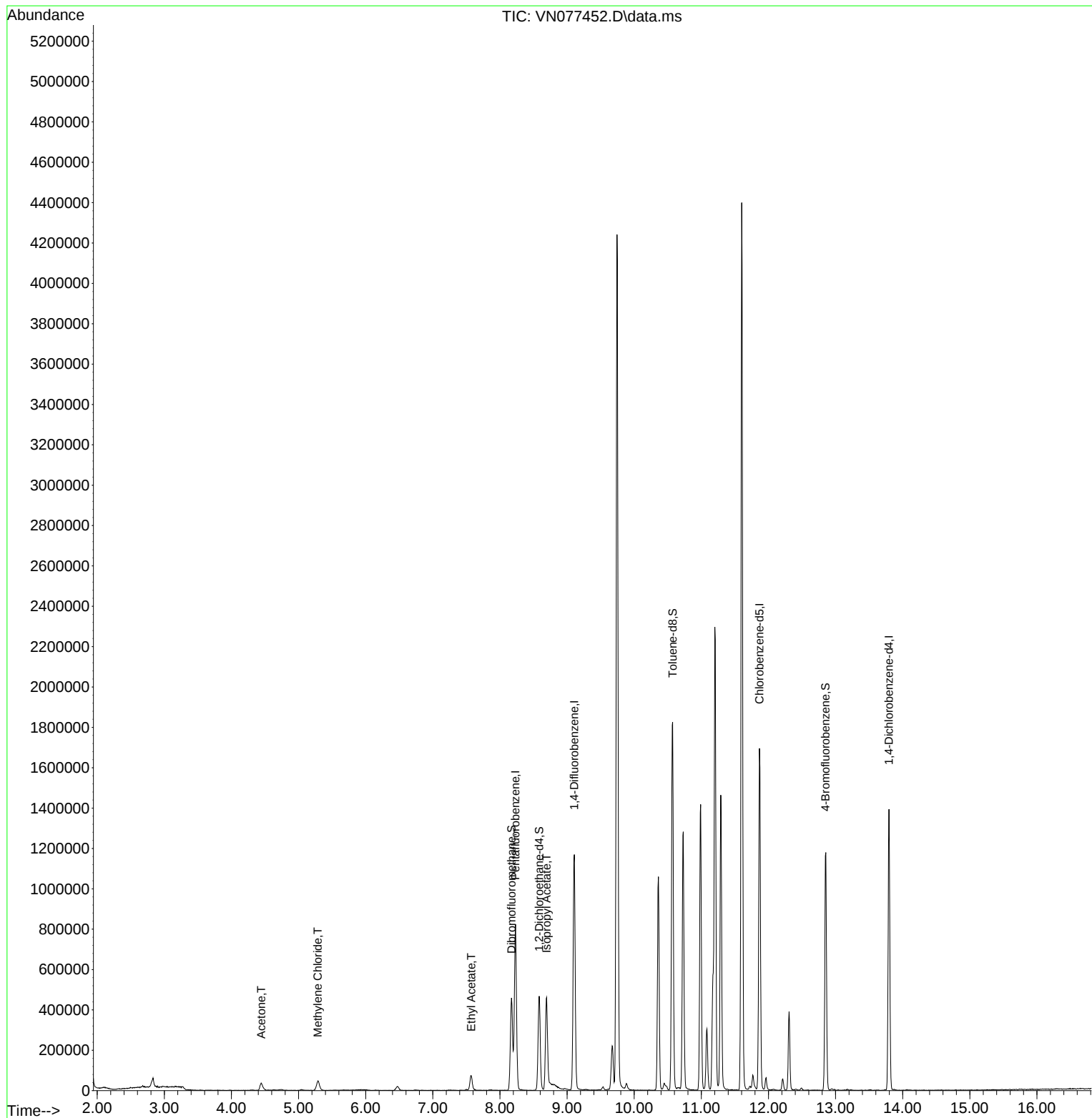
Internal Standards						
1) Pentafluorobenzene	8.231	168	571478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1086568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1017183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	369974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	382197	51.253	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.500%
35) Dibromofluoromethane	8.172	113	327814	50.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.400%
50) Toluene-d8	10.572	98	1342001	53.616	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.240%
62) 4-Bromofluorobenzene	12.848	95	432600	52.826	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.660%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	66442	28.006	ug/l	94
20) Methylene Chloride	5.284	84	39444	5.243	ug/l #	92
37) Ethyl Acetate	7.572	43	103927	14.496	ug/l	96
43) Isopropyl Acetate	8.695	43	521318	42.031	ug/l #	87

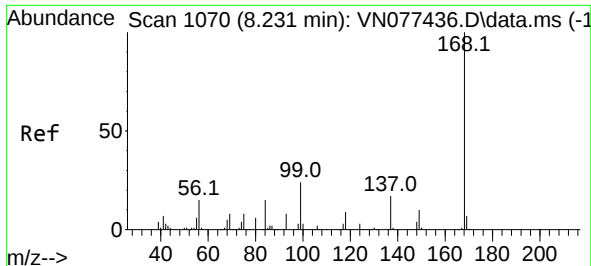
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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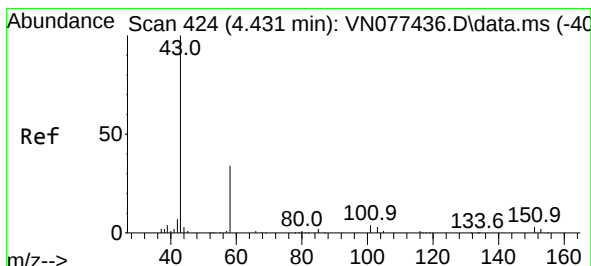
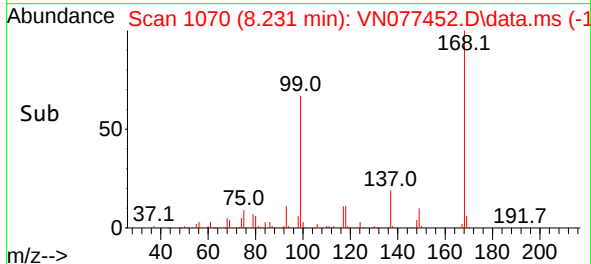
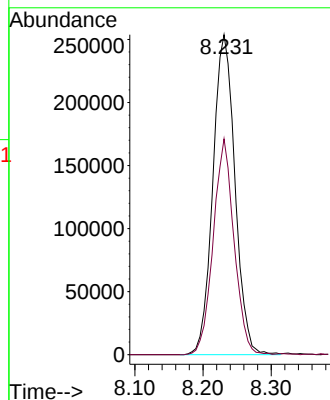
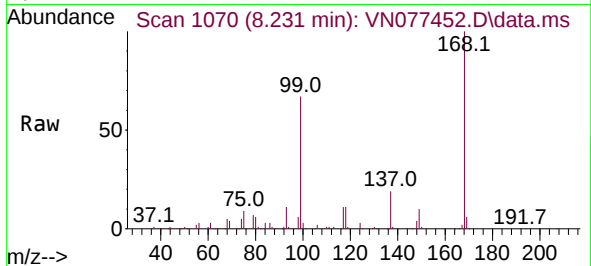




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077452.D
Acq: 25 Apr 2023 06:53

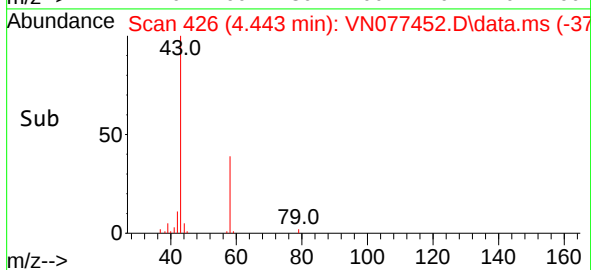
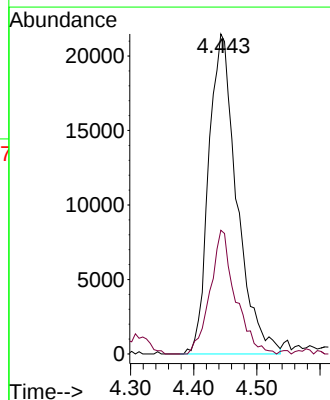
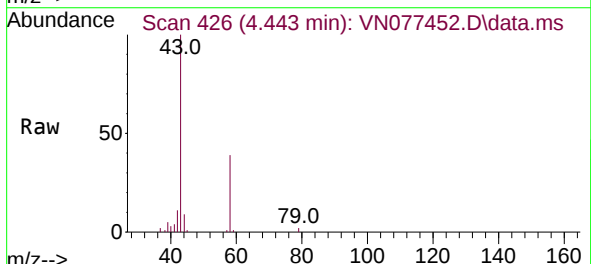
Instrument :
MSVOA_N
ClientSampleId :
PB152304ZHE#03

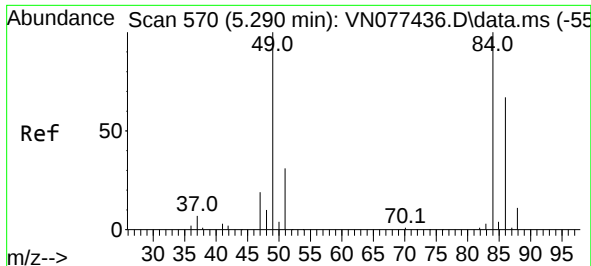
Tgt Ion:168 Resp: 571478
Ion Ratio Lower Upper
168 100
99 67.4 53.0 79.6



#16
Acetone
Concen: 28.006 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077452.D
Acq: 25 Apr 2023 06:53

Tgt Ion: 43 Resp: 66442
Ion Ratio Lower Upper
43 100
58 38.6 28.0 42.0

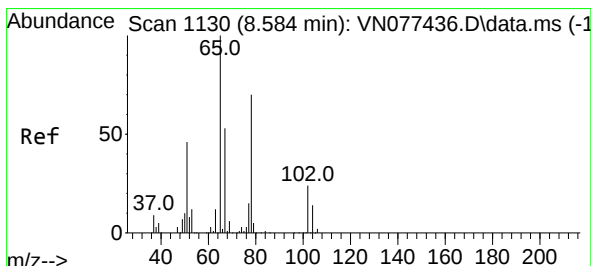
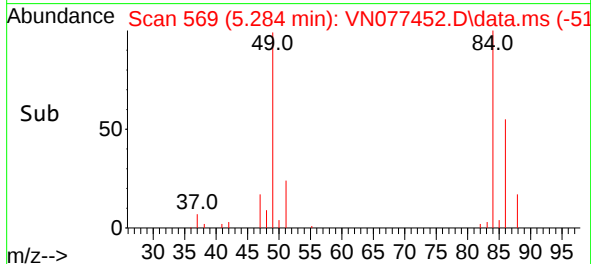
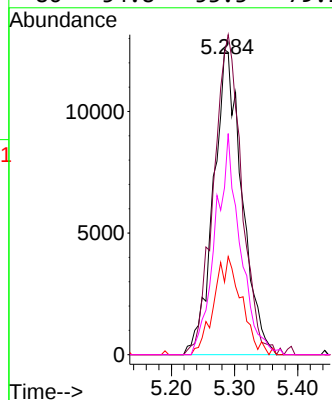
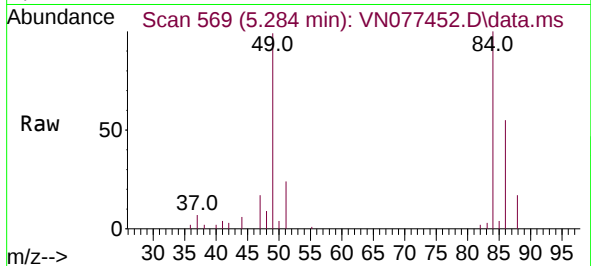




#20
Methylene Chloride
Concen: 5.243 ug/l
RT: 5.284 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN077452.D
Acq: 25 Apr 2023 06:53

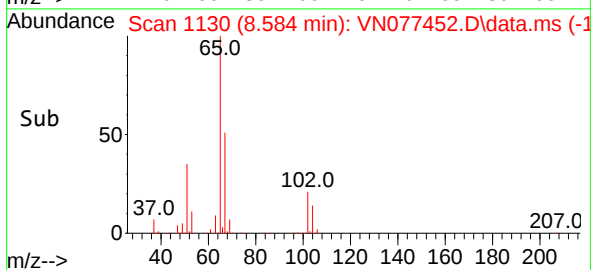
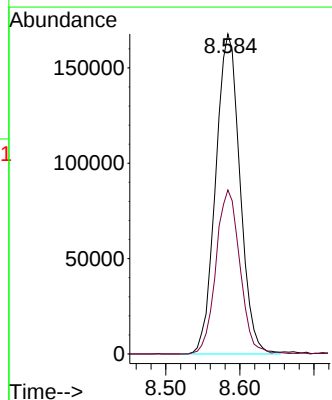
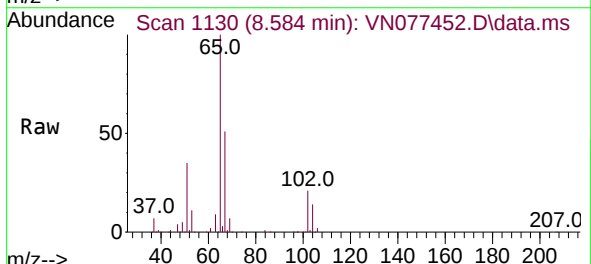
Instrument :
MSVOA_N
ClientSampleId :
PB152304ZHE#03

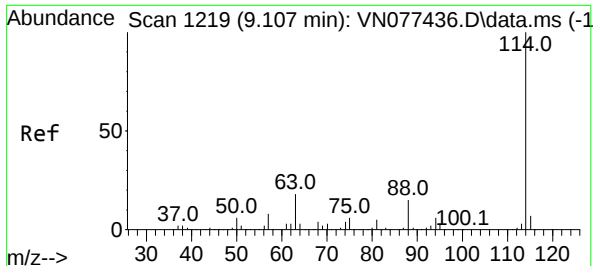
Tgt Ion:	84	Resp:	39444
Ion	Ratio	Lower	Upper
84	100		
49	98.6	79.7	119.5
51	23.8	25.2	37.8#
86	54.8	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 51.253 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077452.D
Acq: 25 Apr 2023 06:53

Tgt Ion:	65	Resp:	382197
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077452.D

Acq: 25 Apr 2023 06:53

Instrument :

MSVOA_N

ClientSampleId :

PB152304ZHE#03

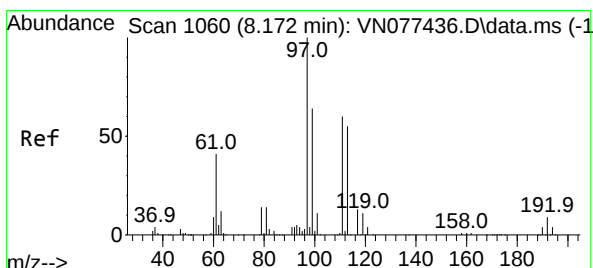
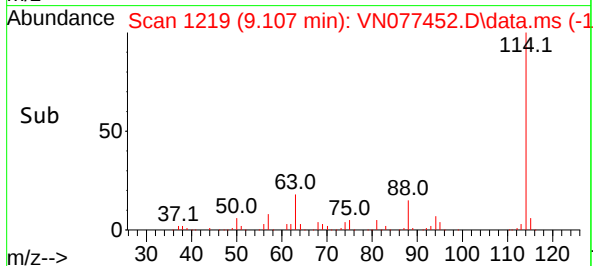
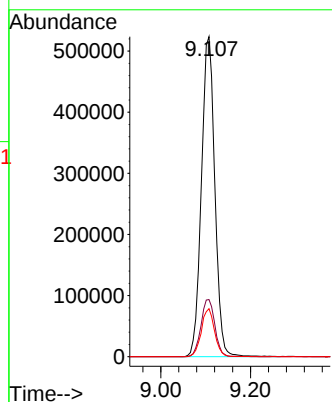
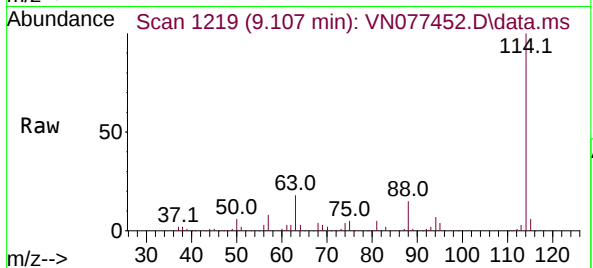
Tgt Ion:114 Resp: 1086568

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.196 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077452.D

Acq: 25 Apr 2023 06:53

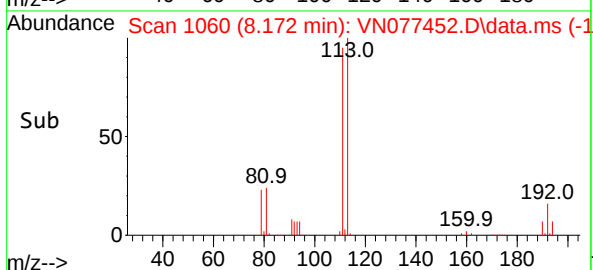
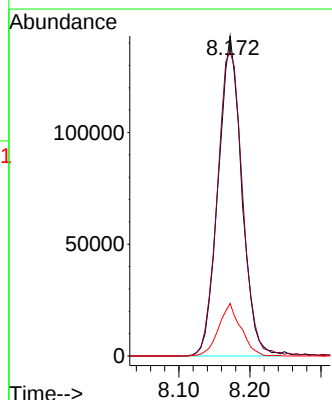
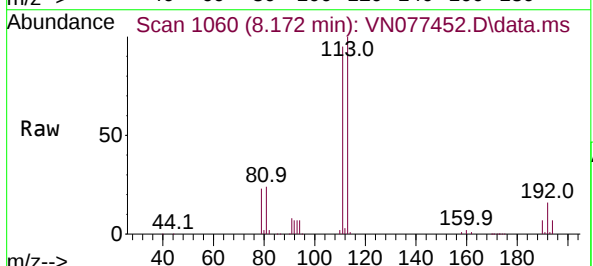
Tgt Ion:113 Resp: 327814

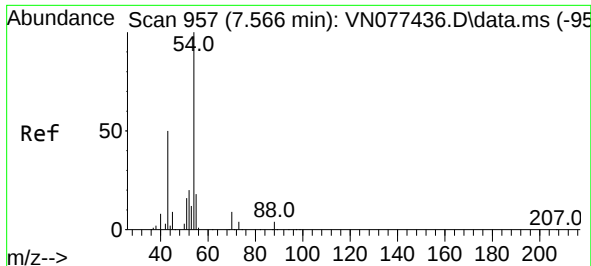
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

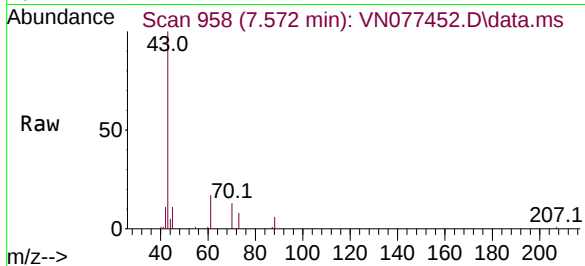
192 15.7 12.7 19.1



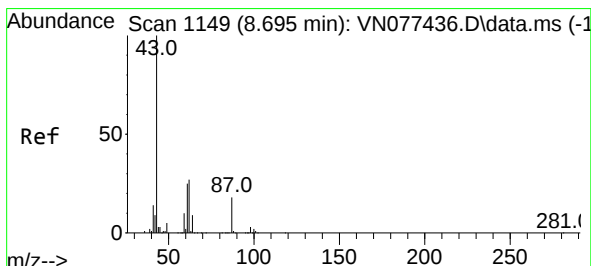
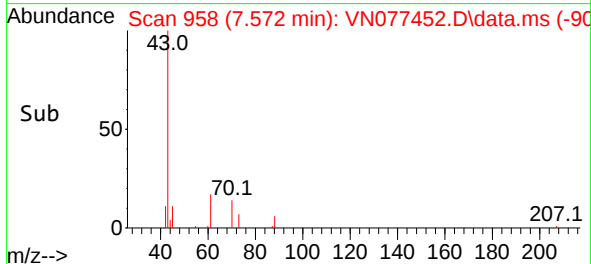
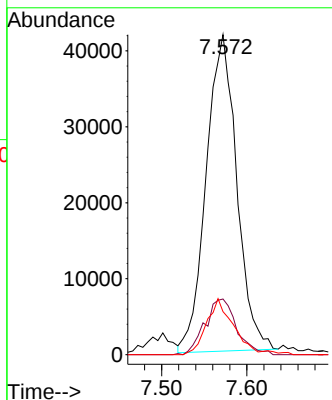


#37
Ethyl Acetate
Concen: 14.496 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077452.D
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Instrument :
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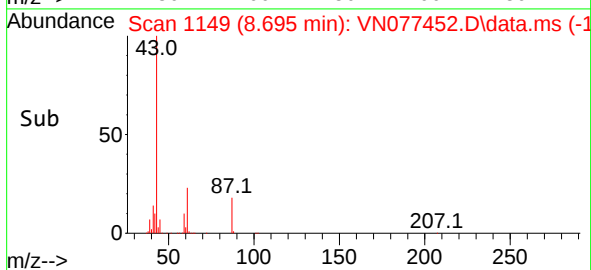
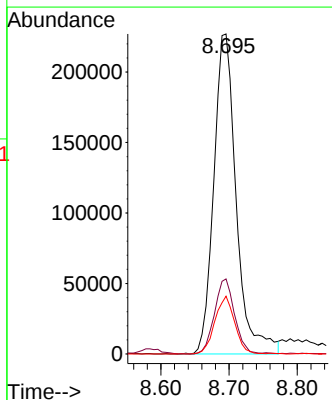
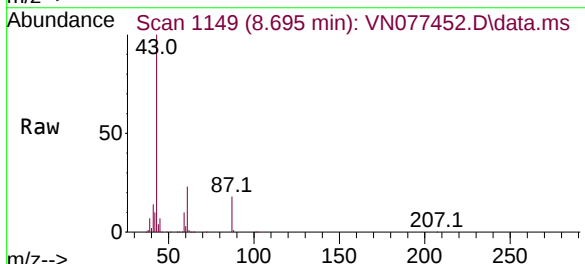


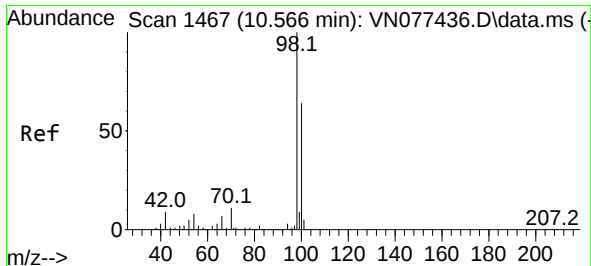
Tgt Ion: 43 Resp: 103927
Ion Ratio Lower Upper
43 100
61 18.2 13.2 19.8
70 16.0 11.3 16.9



#43
Isopropyl Acetate
Concen: 42.031 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077452.D
Acq: 25 Apr 2023 06:53

Tgt Ion: 43 Resp: 521318
Ion Ratio Lower Upper
43 100
61 20.9 24.7 37.1#
87 15.9 14.6 21.8

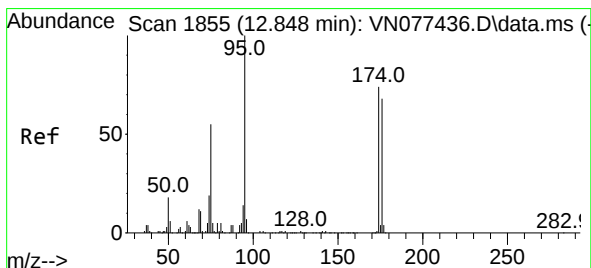
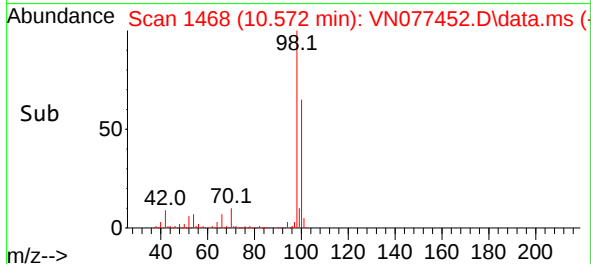
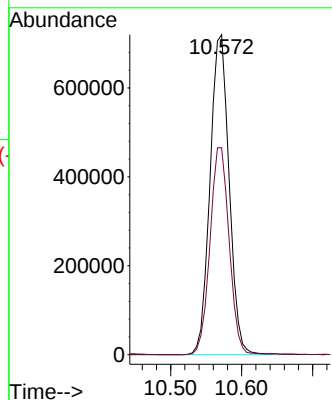
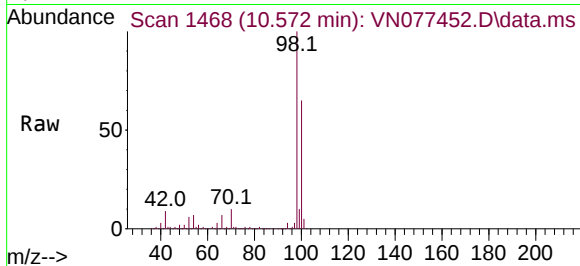




#50
Toluene-d8
Concen: 53.616 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077452.D
Acq: 25 Apr 2023 06:53

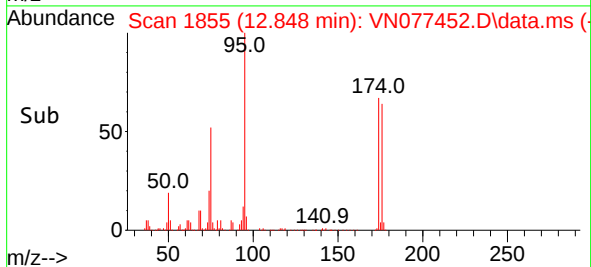
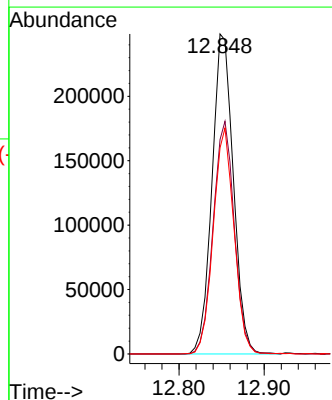
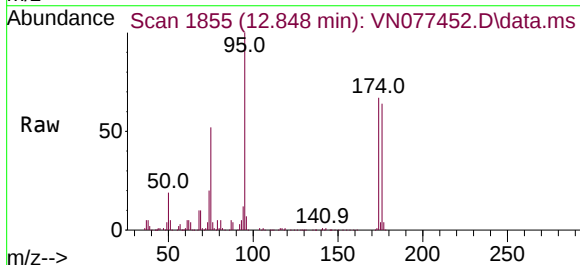
Instrument :
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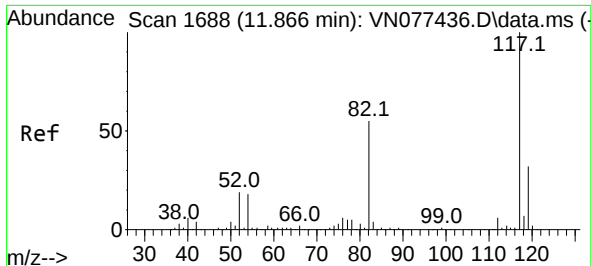
Tgt Ion: 98 Resp: 1342001
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.826 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077452.D
Acq: 25 Apr 2023 06:53

Tgt Ion: 95 Resp: 432600
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 68.7 0.0 135.8

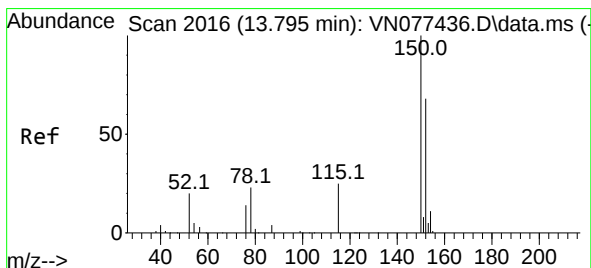
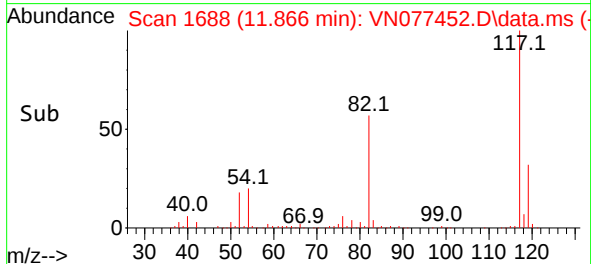
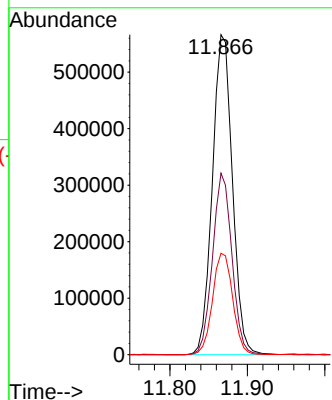
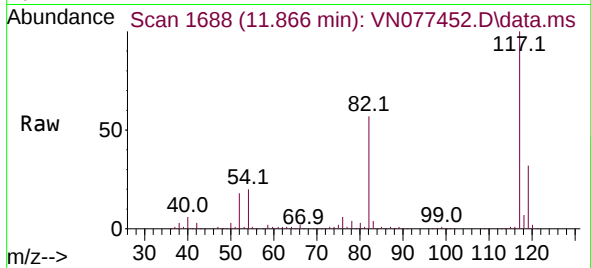




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077452.D
Acq: 25 Apr 2023 06:53

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 1017183
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 31.7 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: VN077452.D
Acq: 25 Apr 2023 06:53

Tgt Ion:152 Resp: 369974
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 158.8 0.0 355.8

