

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077449.D
 Acq On : 25 Apr 2023 05:40
 Operator : JC\MD
 Sample : PB152304TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152304TB

Quant Time: Apr 25 08:41:11 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)

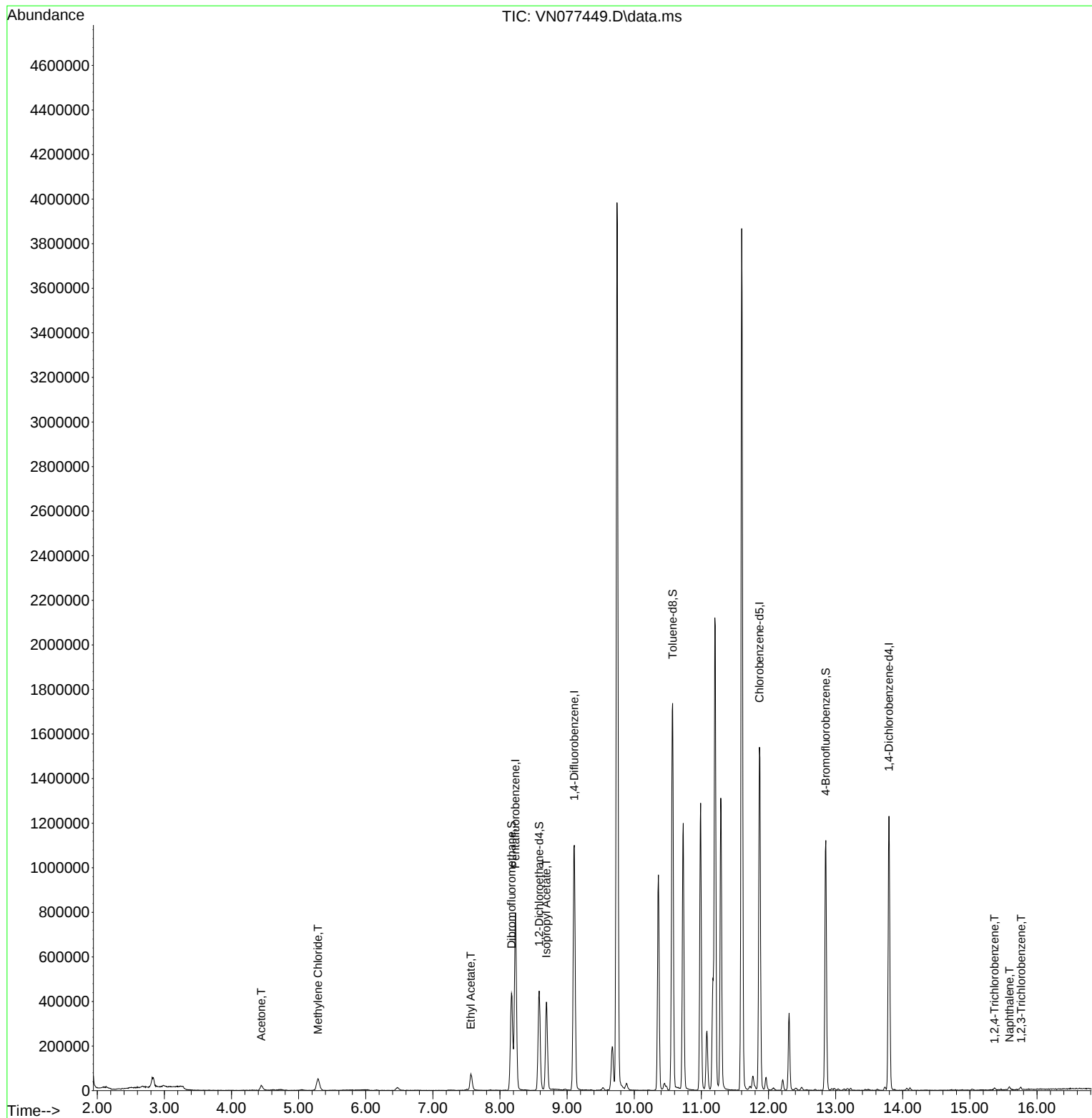
Internal Standards						
1) Pentafluorobenzene	8.231	168	555861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1033522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	947370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	327434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	366775	50.566	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.140%	
35) Dibromofluoromethane	8.172	113	311974	50.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.440%	
50) Toluene-d8	10.572	98	1273011	53.471	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.940%	
62) 4-Bromofluorobenzene	12.854	95	407133	52.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.540%	
Target Compounds						
						Qvalue
16) Acetone	4.443	43	39271	17.018	ug/l	88
20) Methylene Chloride	5.290	84	45116	6.165	ug/l	94
37) Ethyl Acetate	7.566	43	102614	15.047	ug/l	100
43) Isopropyl Acetate	8.689	43	429818	36.432	ug/l #	90
93) 1,2,4-Trichlorobenzene	15.365	180	2758	1.946	ug/l	93
95) Naphthalene	15.589	128	11818	2.468	ug/l	98
96) 1,2,3-Trichlorobenzene	15.765	180	3491	2.058	ug/l	94

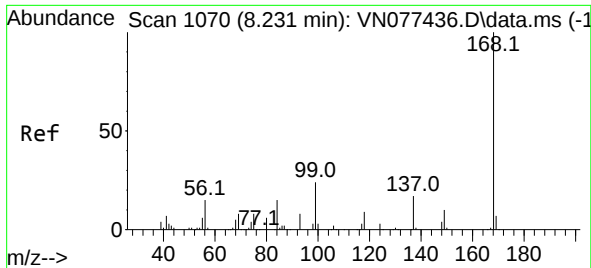
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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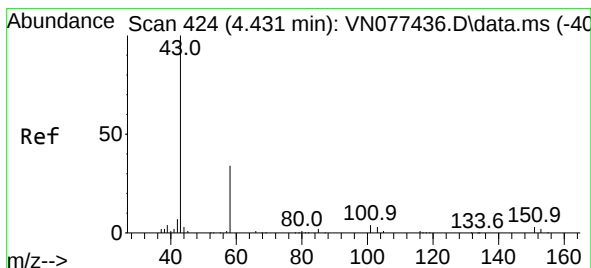
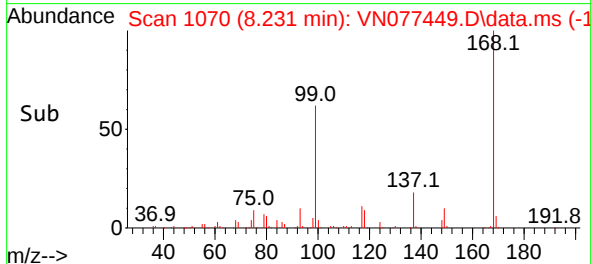
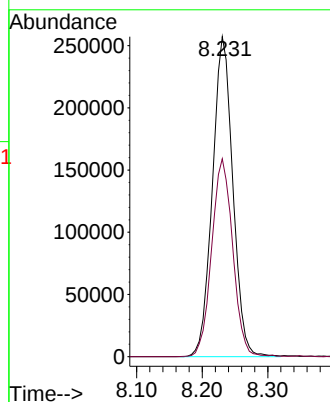
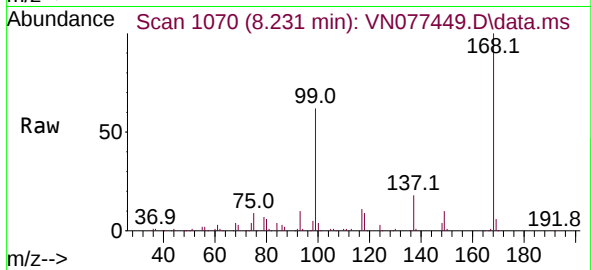




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077449.D
Acq: 25 Apr 2023 05:40

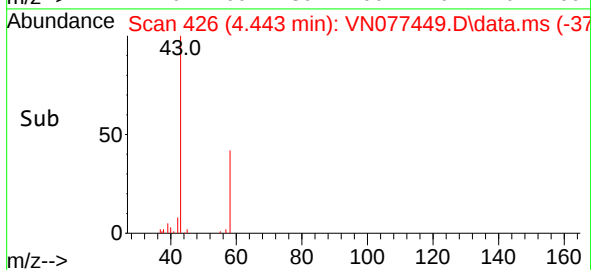
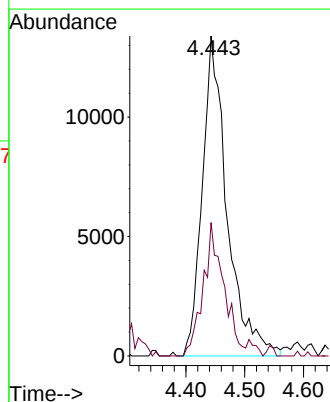
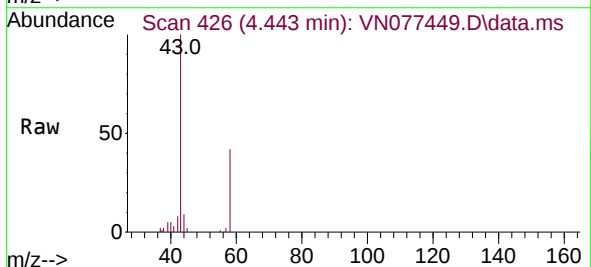
Instrument :
MSVOA_N
ClientSampleId :
PB152304TB

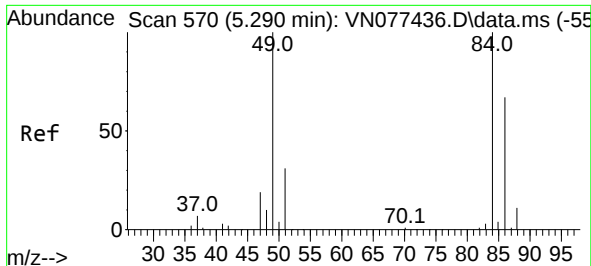
Tgt Ion:168 Resp: 555861
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#16
Acetone
Concen: 17.018 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077449.D
Acq: 25 Apr 2023 05:40

Tgt Ion: 43 Resp: 39271
Ion Ratio Lower Upper
43 100
58 41.7 28.0 42.0



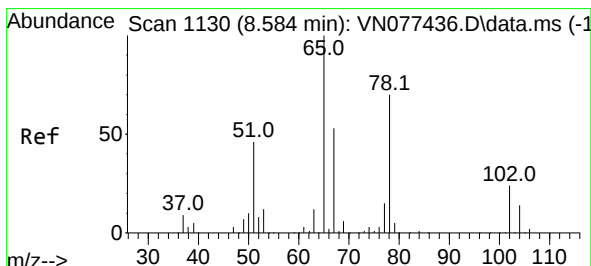
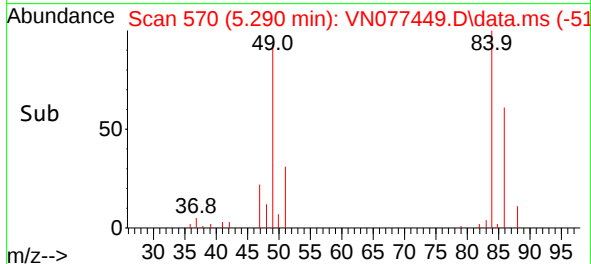
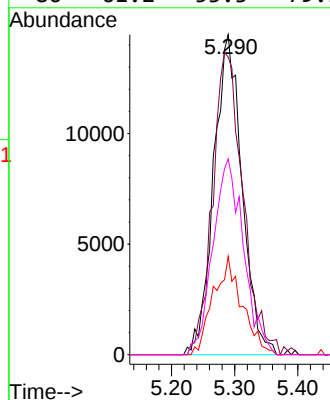
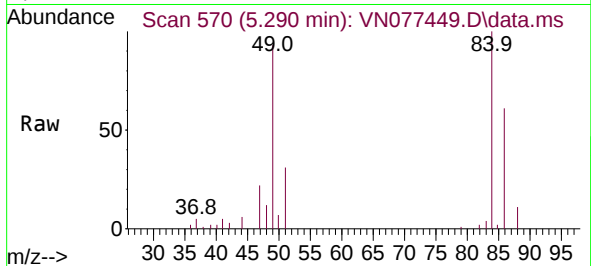


#20
Methylene Chloride
Concen: 6.165 ug/l
RT: 5.290 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN077449.D
Acq: 25 Apr 2023 05:40

Instrument :
MSVOA_N
ClientSampleId :
PB152304TB

Tgt Ion: 84 Resp: 45116

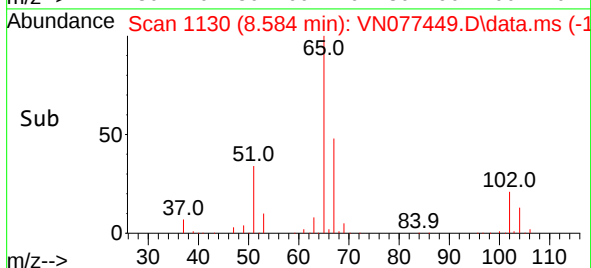
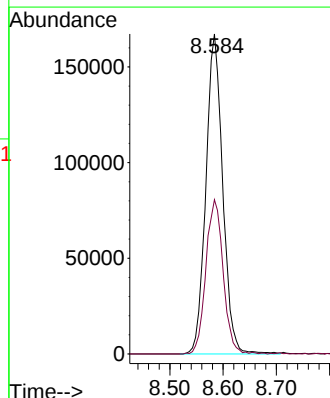
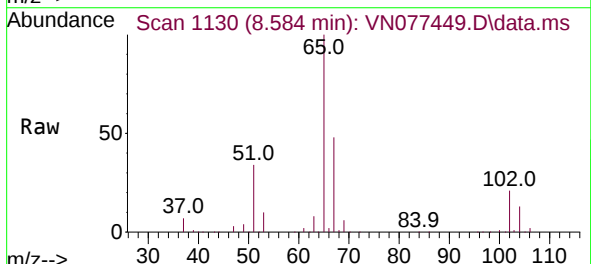
Ion	Ratio	Lower	Upper
84	100		
49	93.0	79.7	119.5
51	30.7	25.2	37.8
86	61.2	53.3	79.9

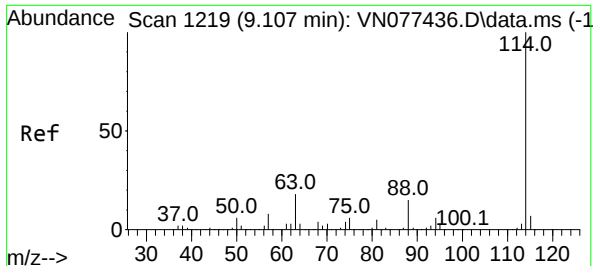


#33
1,2-Dichloroethane-d4
Concen: 50.566 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077449.D
Acq: 25 Apr 2023 05:40

Tgt Ion: 65 Resp: 366775

Ion	Ratio	Lower	Upper
65	100		
67	49.5	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: VN077449.D

Acq: 25 Apr 2023 05:40

Instrument :

MSVOA_N

ClientSampleId :

PB152304TB

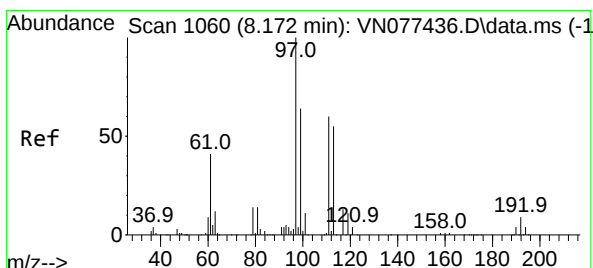
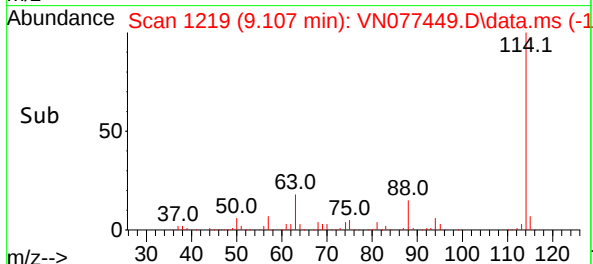
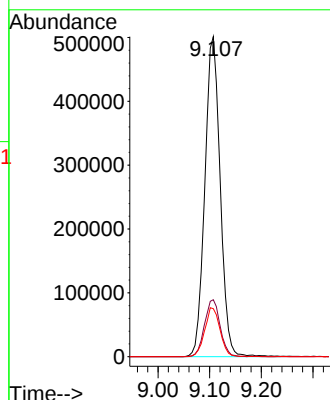
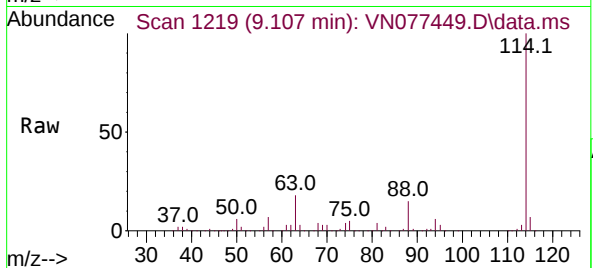
Tgt Ion:114 Resp: 1033522

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.222 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077449.D

Acq: 25 Apr 2023 05:40

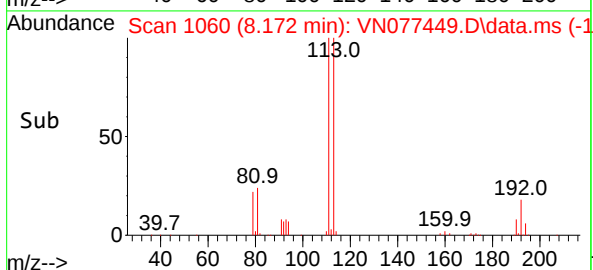
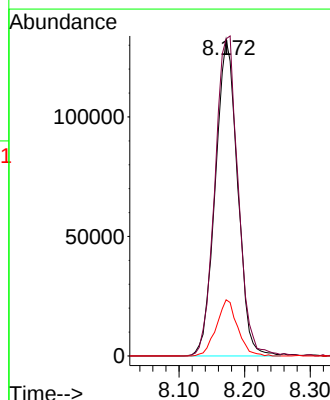
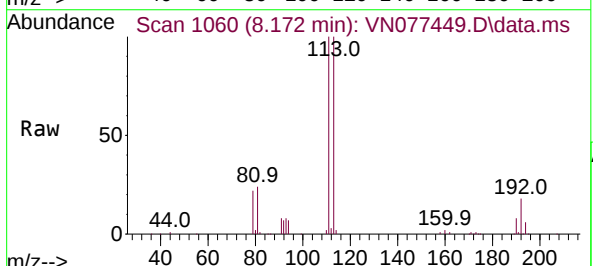
Tgt Ion:113 Resp: 311974

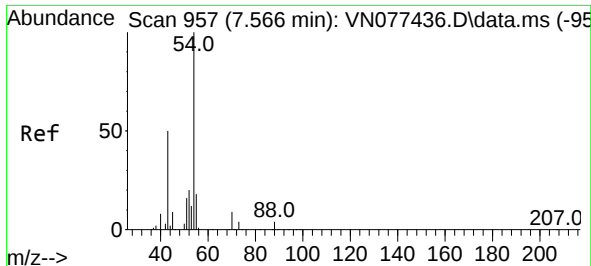
Ion Ratio Lower Upper

113 100

111 105.5 82.6 123.8

192 16.9 12.7 19.1





#37

Ethyl Acetate

Concen: 15.047 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077449.D

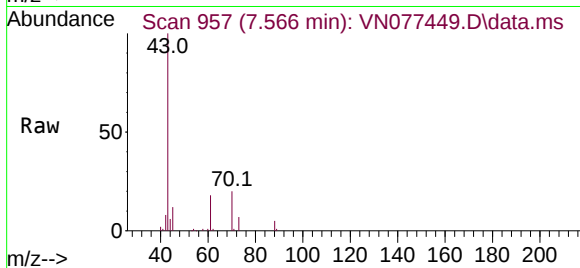
Acq: 25 Apr 2023 05:40

Instrument :

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ClientSampleId :

PB152304TB



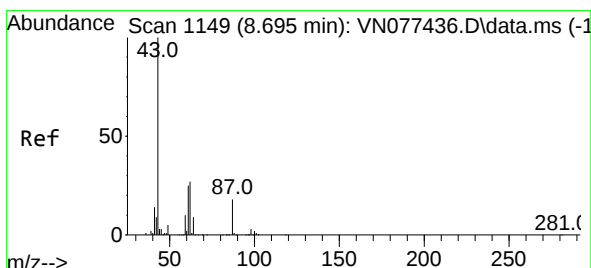
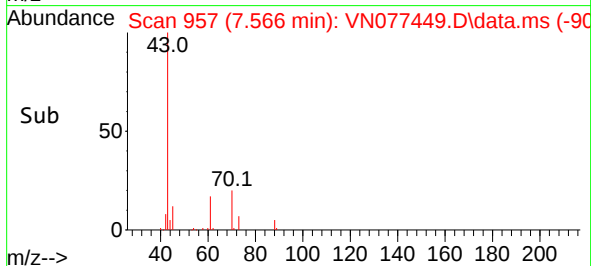
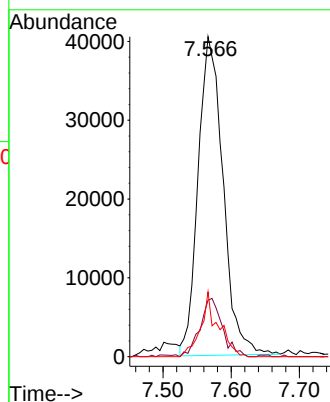
Tgt Ion: 43 Resp: 102614

Ion Ratio Lower Upper

43 100

61 16.4 13.2 19.8

70 14.3 11.3 16.9



#43

Isopropyl Acetate

Concen: 36.432 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077449.D

Acq: 25 Apr 2023 05:40

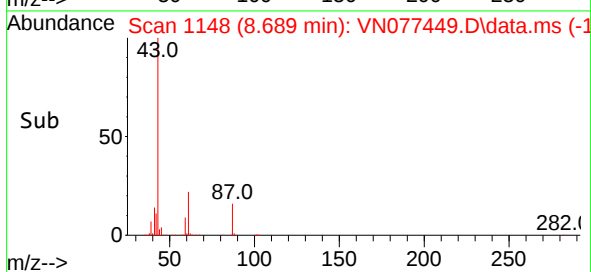
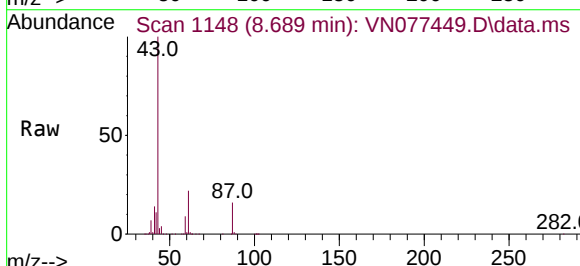
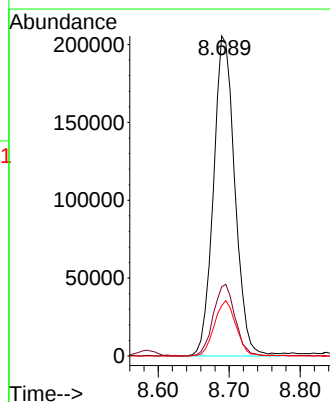
Tgt Ion: 43 Resp: 429818

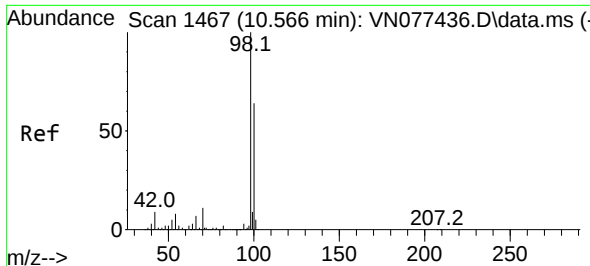
Ion Ratio Lower Upper

43 100

61 22.8 24.7 37.1#

87 17.4 14.6 21.8

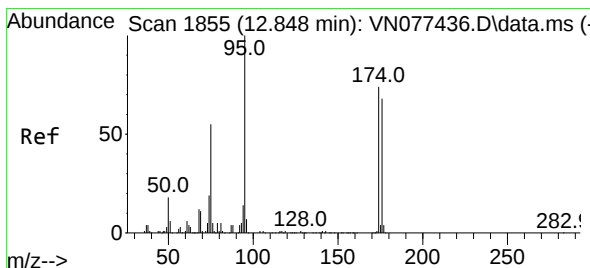
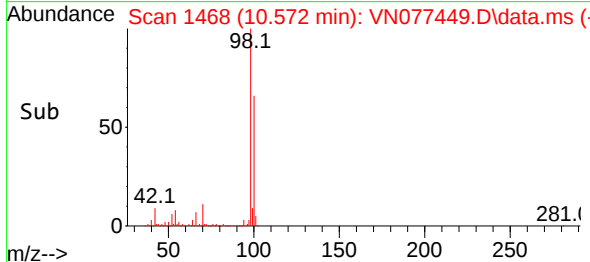
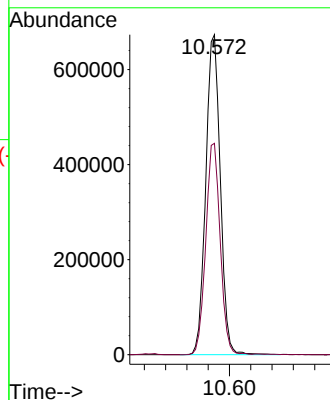
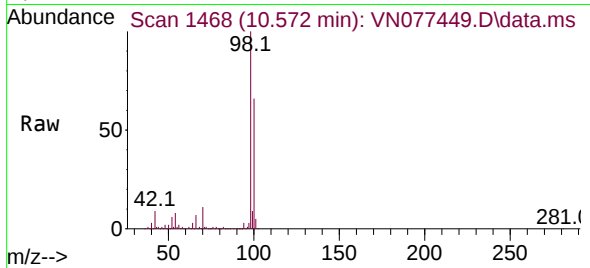




#50
Toluene-d8
Concen: 53.471 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077449.D
Acq: 25 Apr 2023 05:40

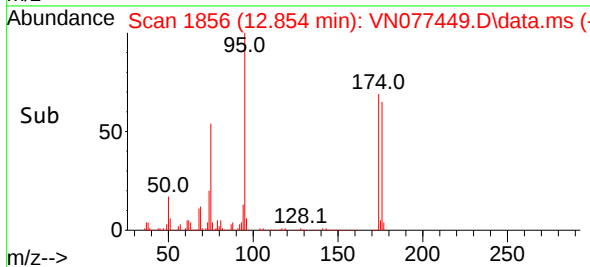
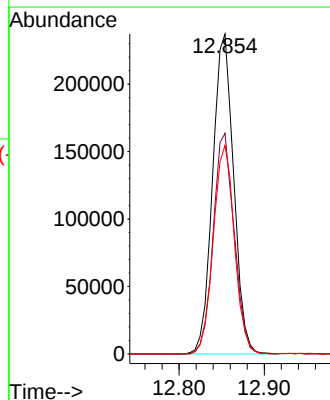
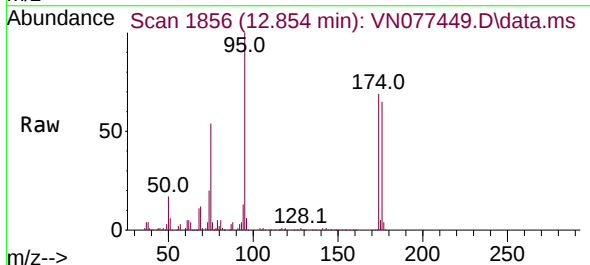
Instrument :
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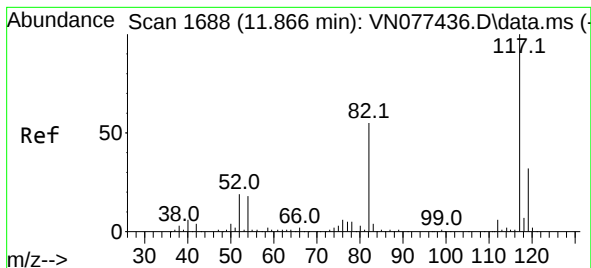
Tgt Ion: 98 Resp: 1273011
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.268 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077449.D
Acq: 25 Apr 2023 05:40

Tgt Ion: 95 Resp: 407133
Ion Ratio Lower Upper
95 100
174 68.8 0.0 143.8
176 65.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077449.D

Acq: 25 Apr 2023 05:40

Instrument :

MSVOA_N

ClientSampleId :

PB152304TB

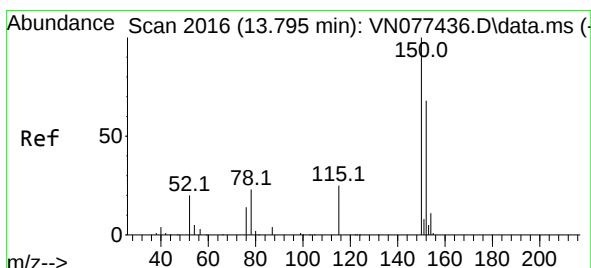
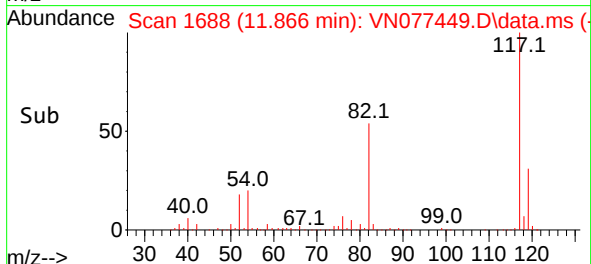
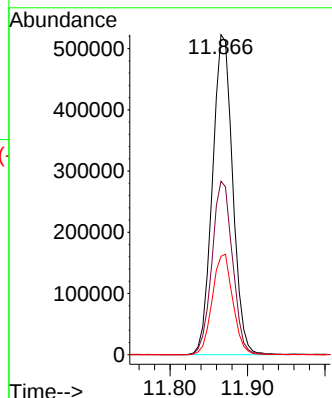
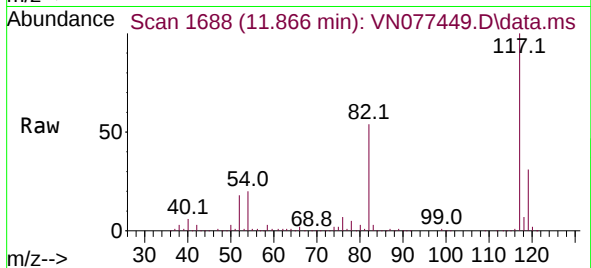
Tgt Ion:117 Resp: 947370

Ion Ratio Lower Upper

117 100

82 54.2 44.0 66.0

119 30.7 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: VN077449.D

Acq: 25 Apr 2023 05:40

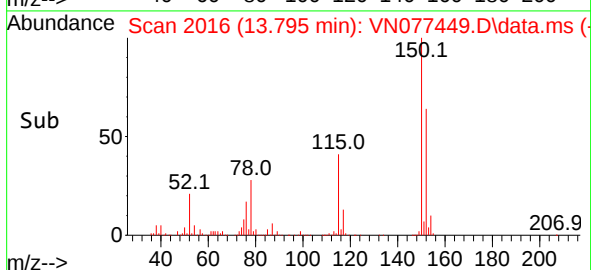
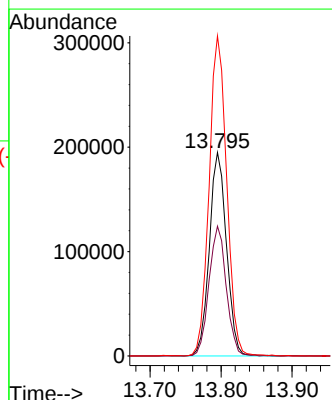
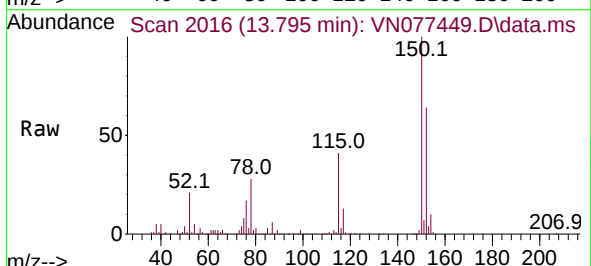
Tgt Ion:152 Resp: 327434

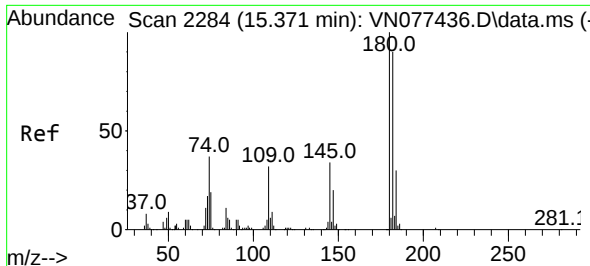
Ion Ratio Lower Upper

152 100

115 64.3 32.3 96.8

150 160.9 0.0 355.8

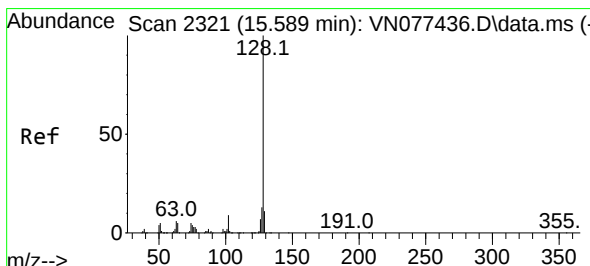
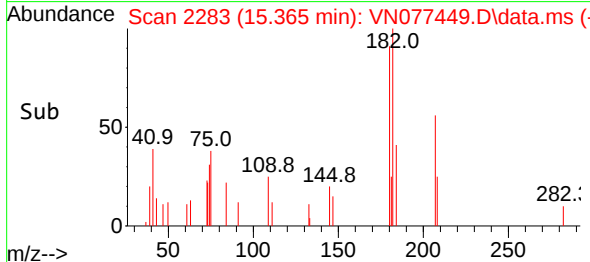
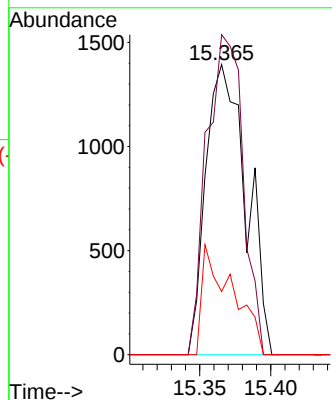
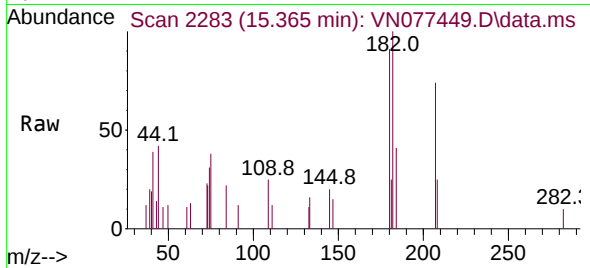




#93
1,2,4-Trichlorobenzene
Concen: 1.946 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077449.D
Acq: 25 Apr 2023 05:40

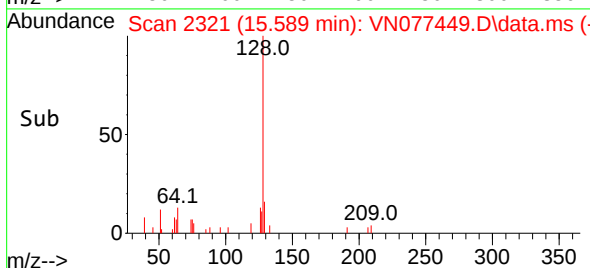
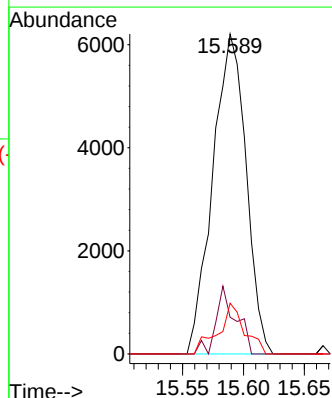
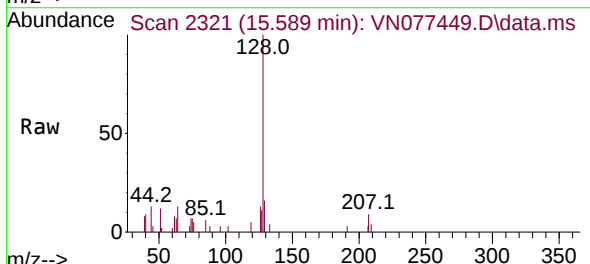
Instrument :
MSVOA_N
ClientSampleId :
PB152304TB

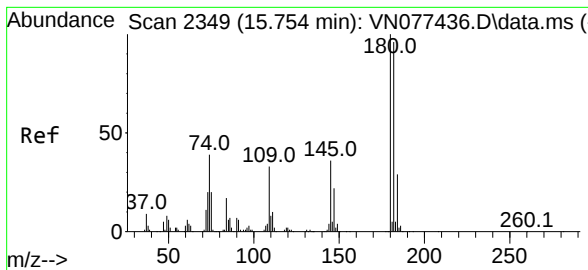
Tgt Ion:	180	Resp:	2758
Ion	Ratio	Lower	Upper
180	100		
182	98.8	46.1	138.2
145	28.6	16.6	49.8



#95
Naphthalene
Concen: 2.468 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077449.D
Acq: 25 Apr 2023 05:40

Tgt Ion:	128	Resp:	11818
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.0	15.0
129	12.6	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.058 ug/l
 RT: 15.765 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: VN077449.D
 Acq: 25 Apr 2023 05:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152304TB

Tgt Ion:180	Resp:	3491
Ion	Ratio	Lower Upper
180	100	
182	85.8	46.2 138.6
145	37.4	17.5 52.6

