

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077639.D
 Acq On : 09 May 2023 18:07
 Operator : JC\MD
 Sample : PB152652ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152652ZHE#05

Quant Time: May 10 04:49:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:52:31 2023
 Response via : Initial Calibration

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

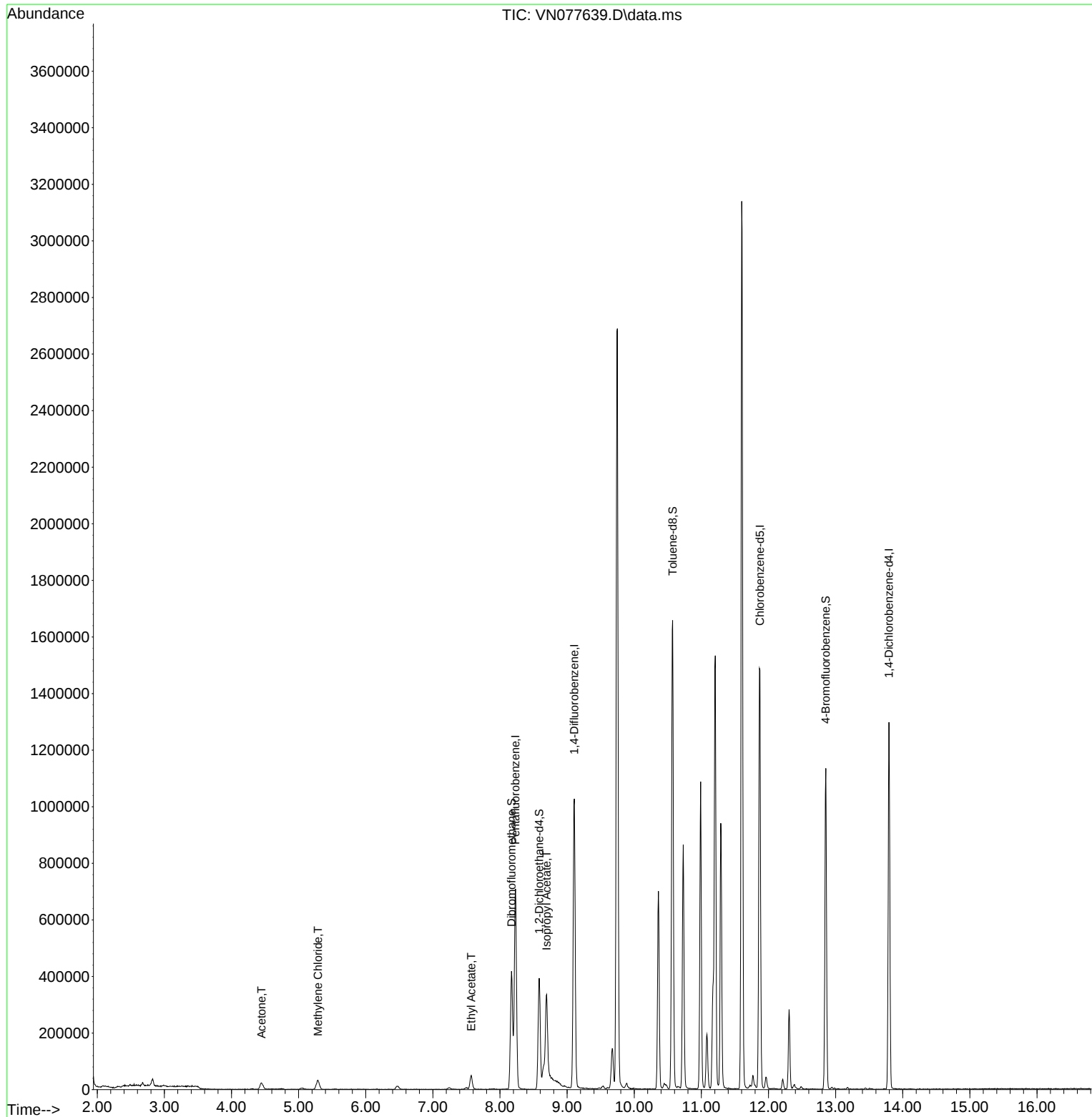
Internal Standards						
1) Pentafluorobenzene	8.230	168	520576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	967074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	972708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	350288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	328471	49.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.500%
35) Dibromofluoromethane	8.172	113	296741	49.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.400%
50) Toluene-d8	10.571	98	1214898	53.203	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.400%
62) 4-Bromofluorobenzene	12.854	95	415181	53.756	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.520%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	43298	27.617	ug/l	93
20) Methylene Chloride	5.289	84	28641	4.408	ug/l #	89
37) Ethyl Acetate	7.572	43	66512	13.975	ug/l	96
43) Isopropyl Acetate	8.695	43	445717	53.414	ug/l #	80

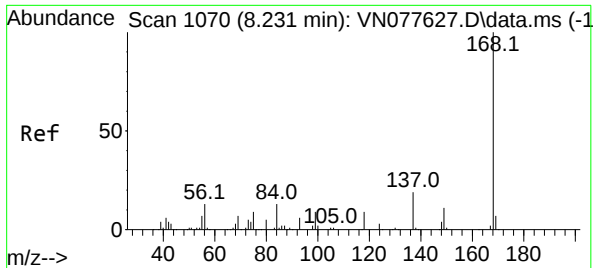
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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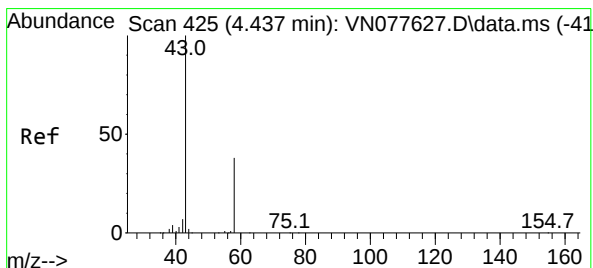
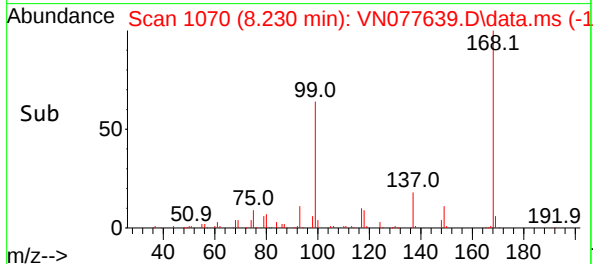
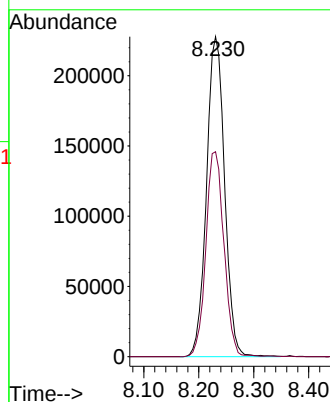
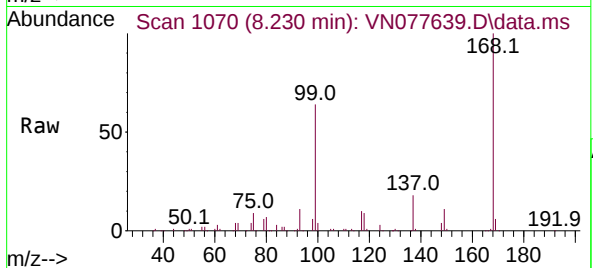




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077639.D
Acq: 09 May 2023 18:07

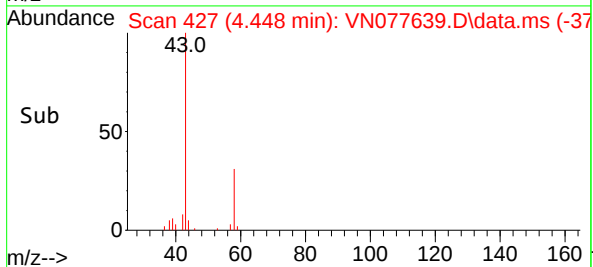
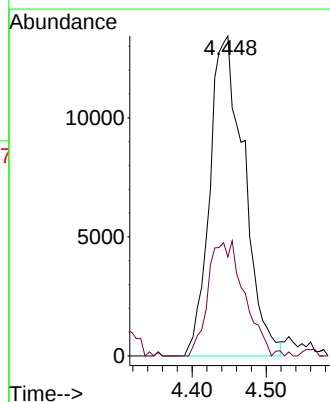
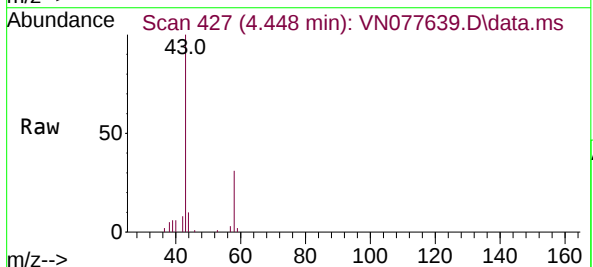
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#05

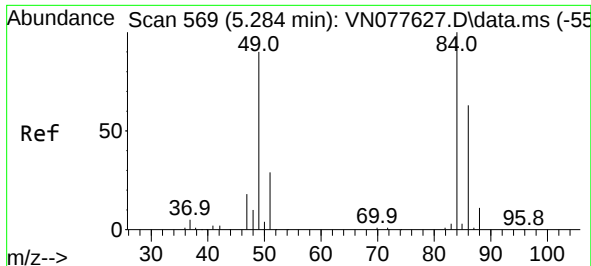
Tgt Ion:168 Resp: 520576
Ion Ratio Lower Upper
168 100
99 64.1 53.0 79.6



#16
Acetone
Concen: 27.617 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077639.D
Acq: 09 May 2023 18:07

Tgt Ion: 43 Resp: 43298
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0

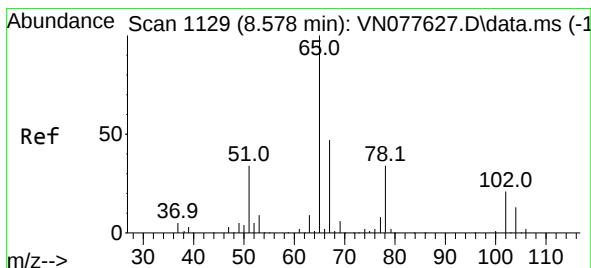
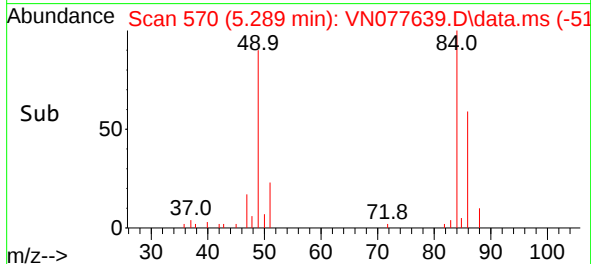
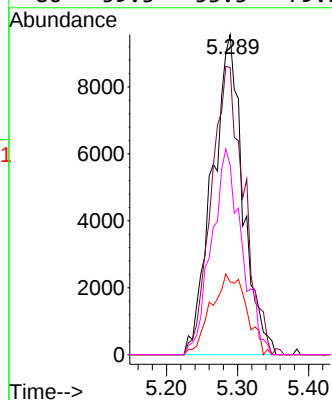
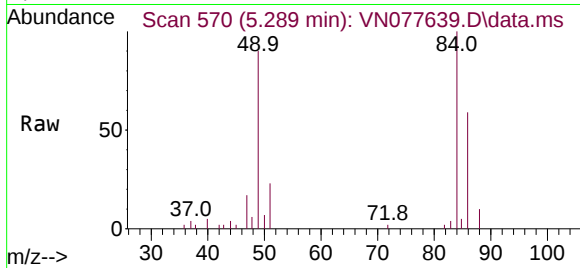




#20
Methylene Chloride
Concen: 4.408 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN077639.D
Acq: 09 May 2023 18:07

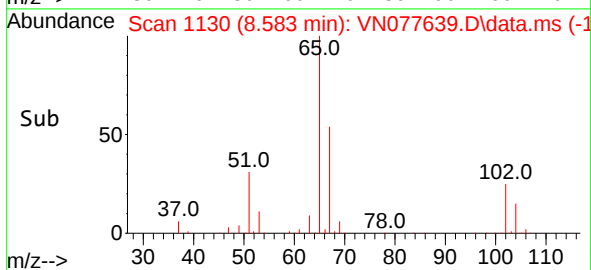
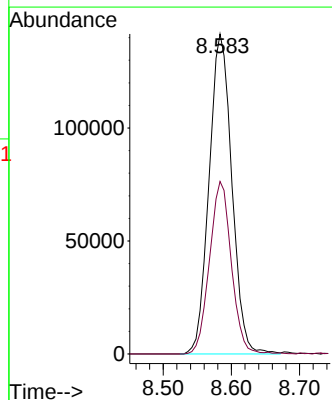
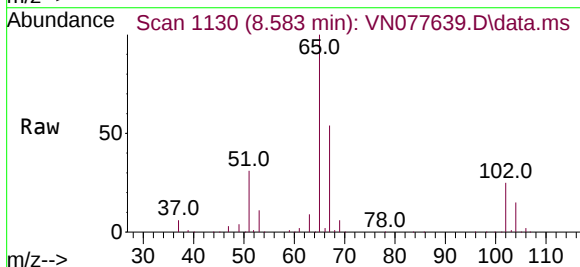
Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#05

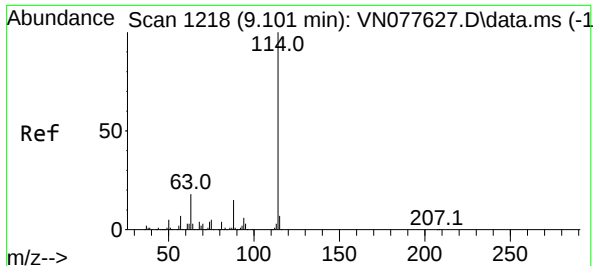
Tgt Ion:	84	Resp:	28641
Ion	Ratio	Lower	Upper
84	100		
49	89.8	79.7	119.5
51	22.8	25.2	37.8#
86	59.3	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 49.752 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VN077639.D
Acq: 09 May 2023 18:07

Tgt Ion:	65	Resp:	328471
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077639.D

Acq: 09 May 2023 18:07

Instrument :

MSVOA_N

ClientSampleId :

PB152652ZHE#05

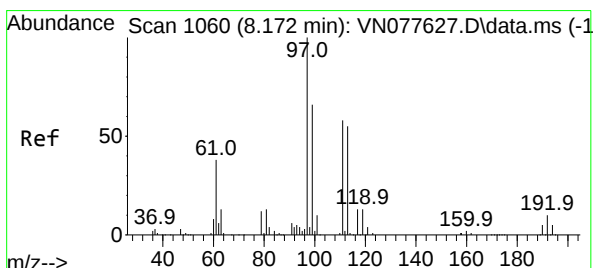
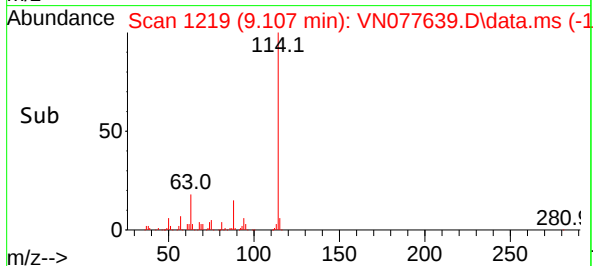
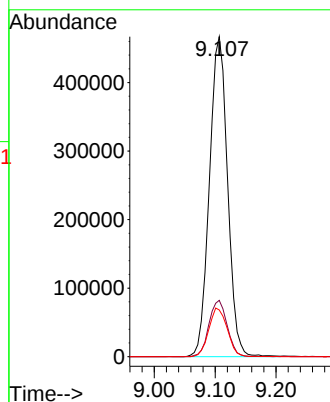
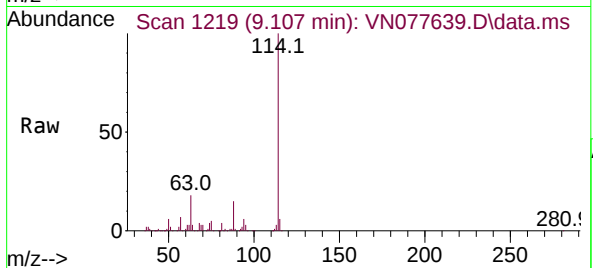
Tgt Ion:114 Resp: 967074

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.199 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077639.D

Acq: 09 May 2023 18:07

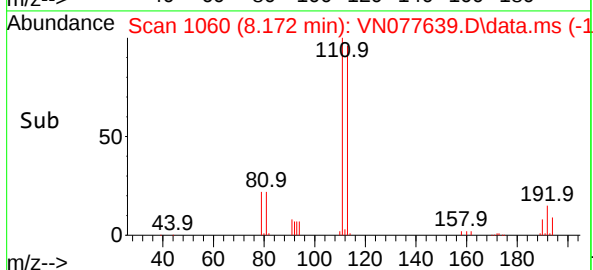
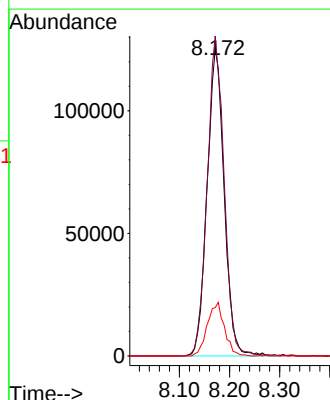
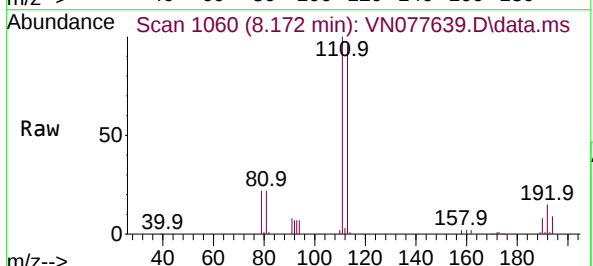
Tgt Ion:113 Resp: 296741

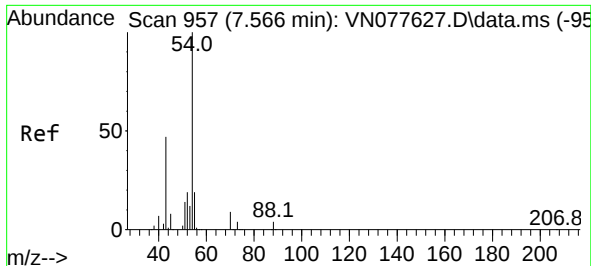
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 17.4 12.7 19.1

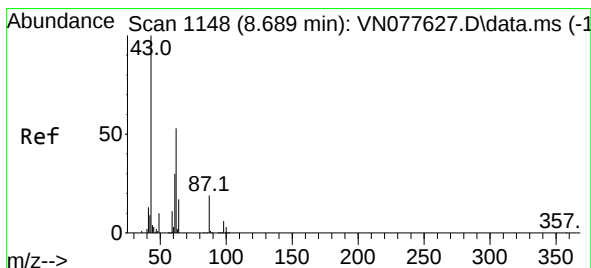
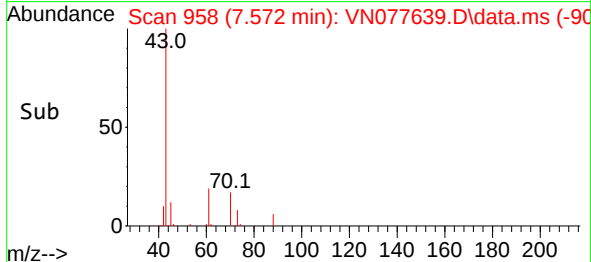
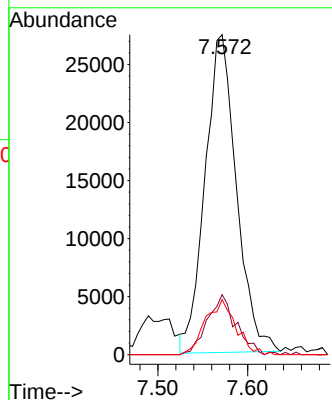
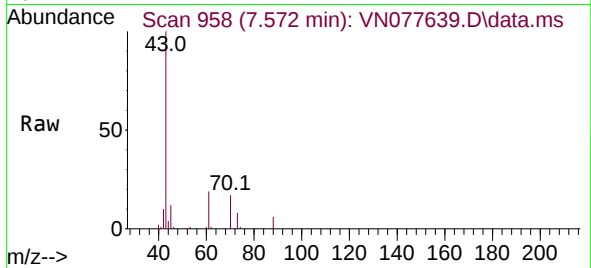




#37
Ethyl Acetate
Concen: 13.975 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077639.D
Acq: 09 May 2023 18:07

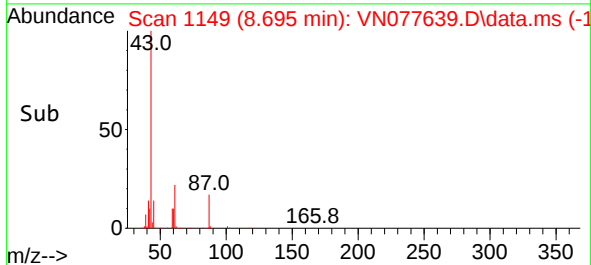
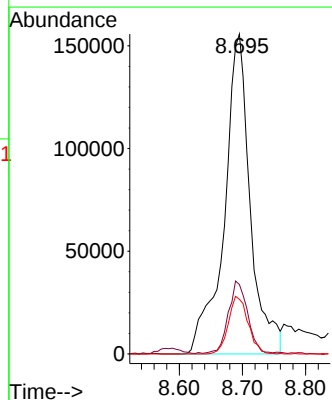
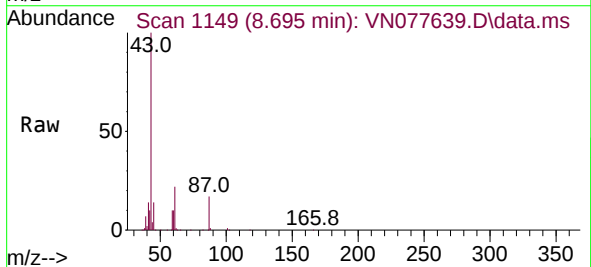
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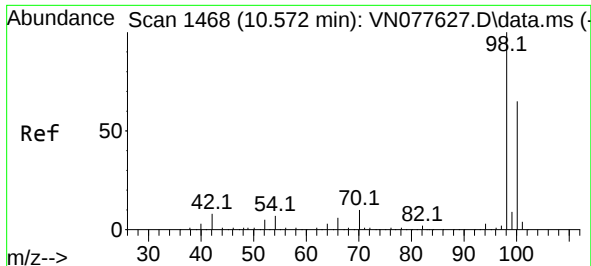
Tgt Ion: 43 Resp: 66512
Ion Ratio Lower Upper
43 100
61 17.1 13.2 19.8
70 16.9 11.3 16.9



#43
Isopropyl Acetate
Concen: 53.414 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077639.D
Acq: 09 May 2023 18:07

Tgt Ion: 43 Resp: 445717
Ion Ratio Lower Upper
43 100
61 16.8 24.7 37.1#
87 13.6 14.6 21.8#

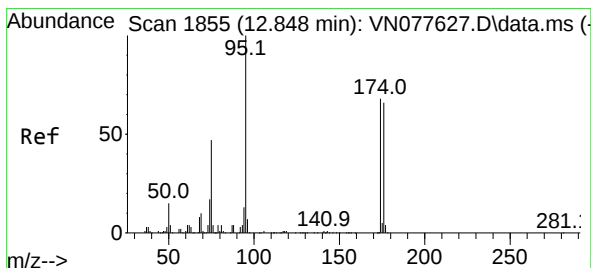
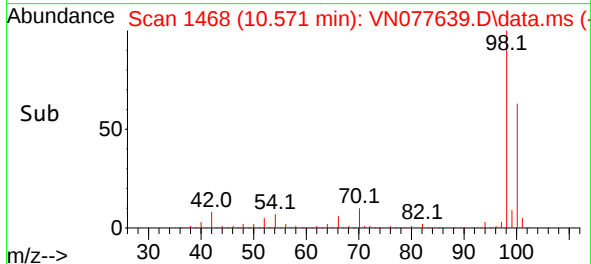
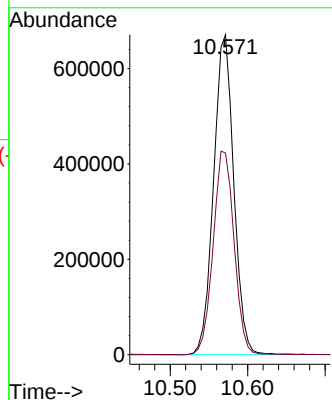
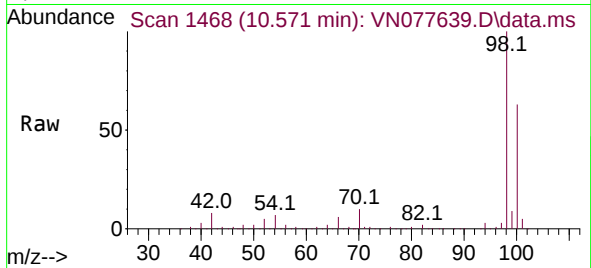




#50
Toluene-d8
Concen: 53.203 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077639.D
Acq: 09 May 2023 18:07

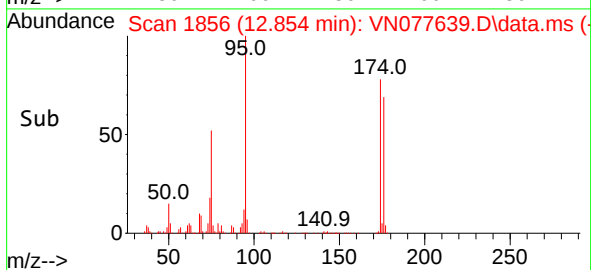
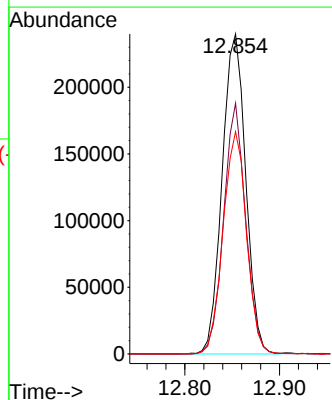
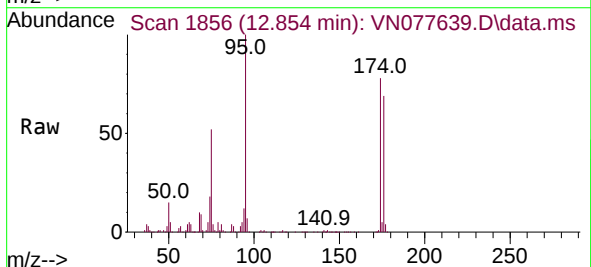
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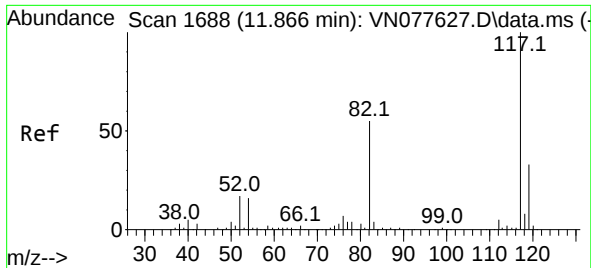
Tgt Ion: 98 Resp: 1214898
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.756 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077639.D
Acq: 09 May 2023 18:07

Tgt Ion: 95 Resp: 415181
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 69.0 0.0 135.8

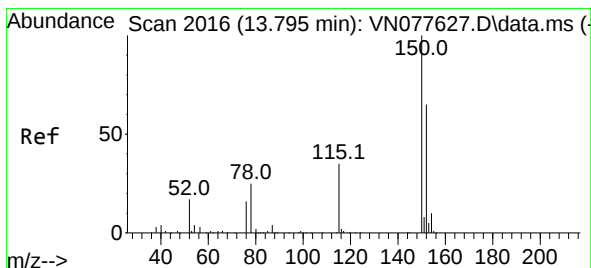
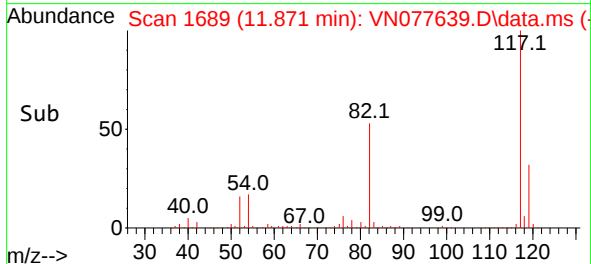
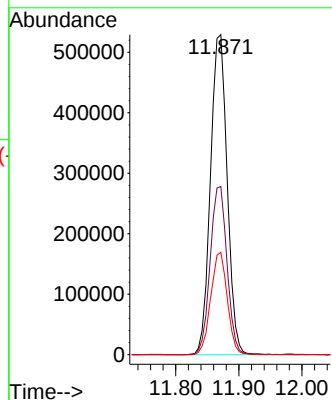
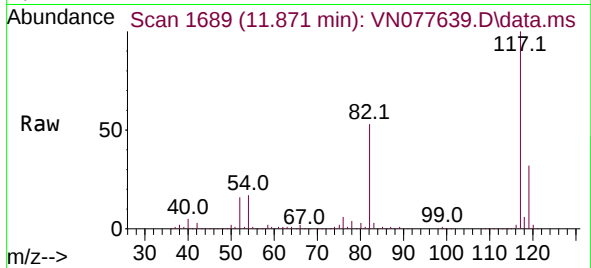




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077639.D
Acq: 09 May 2023 18:07

Instrument :
MSVOA_N
ClientSampleId :
PB152652ZHE#05

Tgt Ion:117 Resp: 972708
Ion Ratio Lower Upper
117 100
82 52.6 44.0 66.0
119 32.0 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: VN077639.D
Acq: 09 May 2023 18:07

Tgt Ion:152 Resp: 350288
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 158.7 0.0 355.8

