

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077214.D
 Acq On : 27 Mar 2023 20:40
 Operator : JC\MD
 Sample : PB151668ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151668ZHE#05

Quant Time: Mar 28 07:44:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

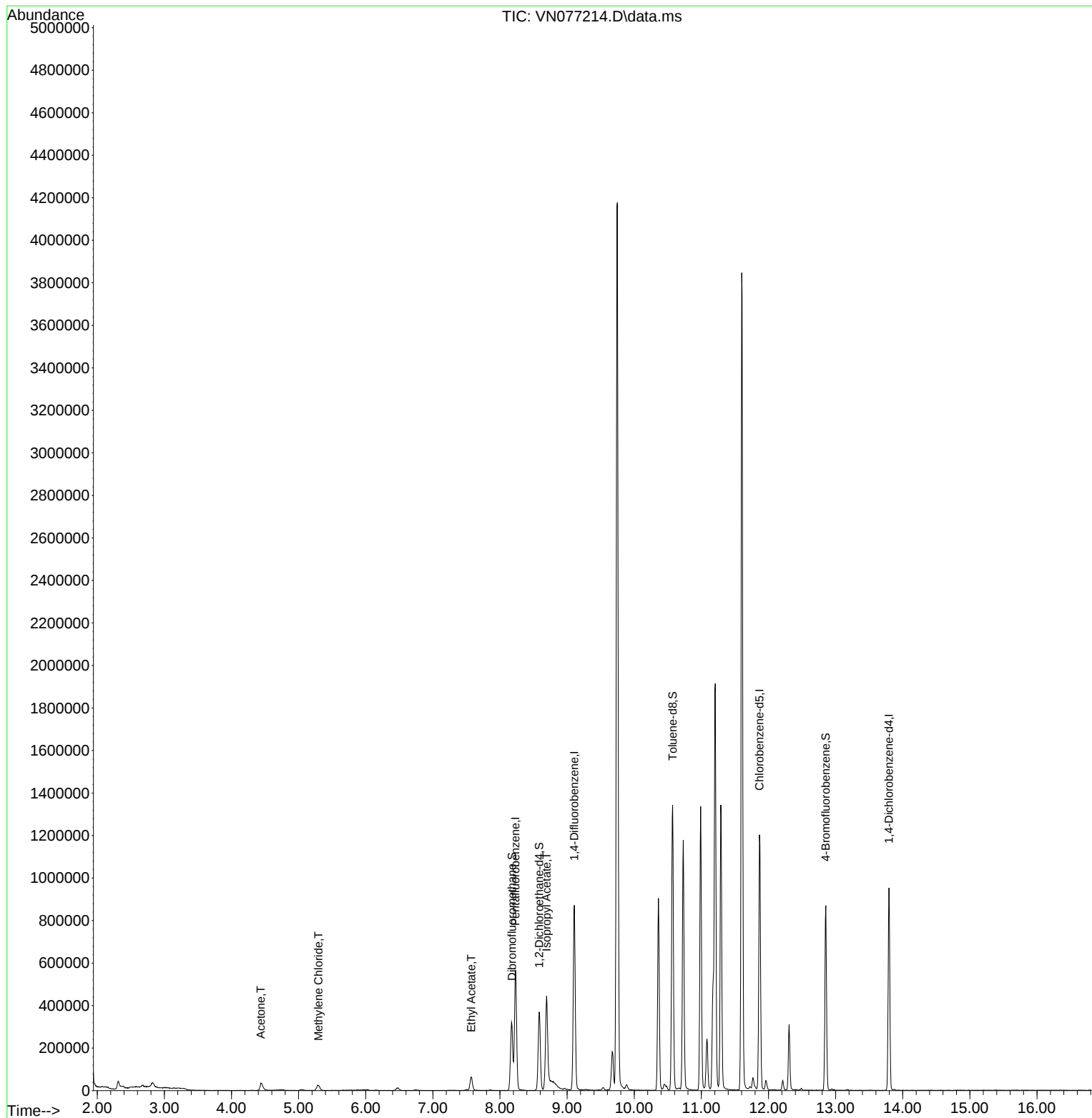
Internal Standards						
1) Pentafluorobenzene	8.231	168	388259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	714675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	659185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	244332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	304099	50.094	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.180%			
35) Dibromofluoromethane	8.178	113	226423	46.691	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.380%			
50) Toluene-d8	10.572	98	905954	49.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.720%			
62) 4-Bromofluorobenzene	12.854	95	274486	46.027	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.060%			
Target Compounds					Qvalue	
16) Acetone	4.437	43	69626	30.846	ug/l	88
20) Methylene Chloride	5.295	84	19648	3.909	ug/l #	84
37) Ethyl Acetate	7.572	43	102336	13.603	ug/l #	88
43) Isopropyl Acetate	8.695	43	556183	45.826	ug/l #	72

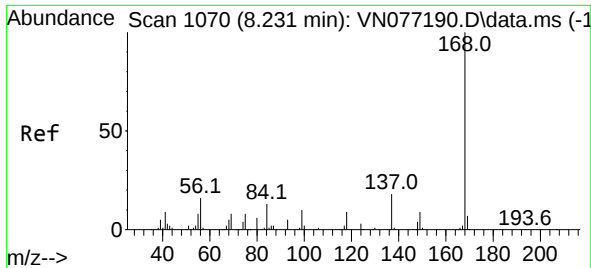
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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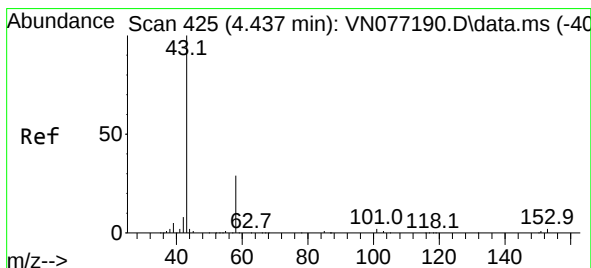
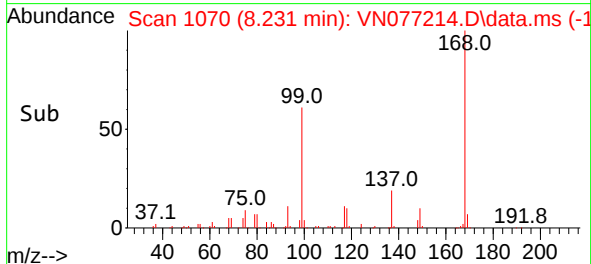
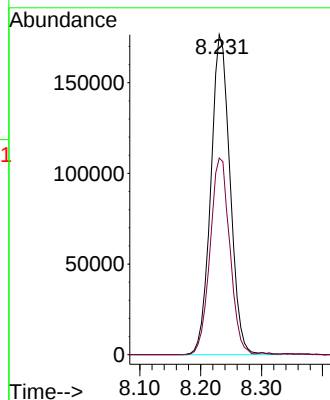
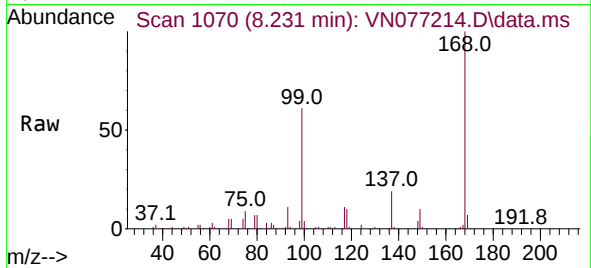




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077214.D
Acq: 27 Mar 2023 20:40

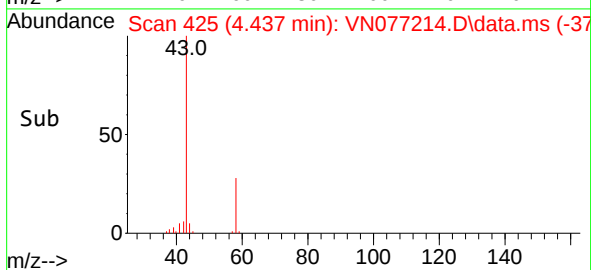
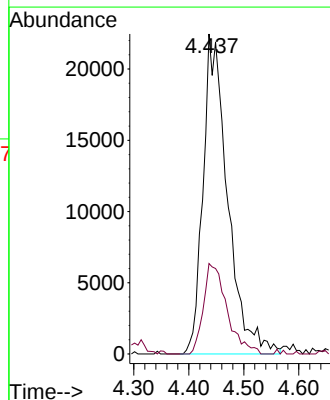
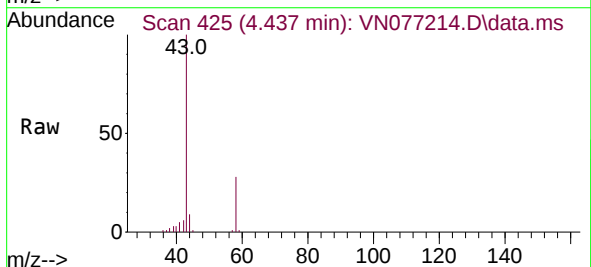
Instrument :
MSVOA_N
ClientSampleId :
PB151668ZHE#05

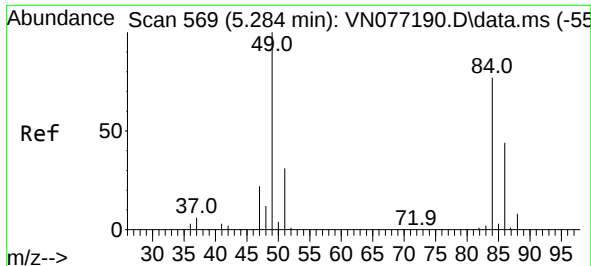
Tgt Ion:168 Resp: 388259
Ion Ratio Lower Upper
168 100
99 61.5 48.6 73.0



#16
Acetone
Concen: 30.846 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077214.D
Acq: 27 Mar 2023 20:40

Tgt Ion: 43 Resp: 69626
Ion Ratio Lower Upper
43 100
58 28.2 28.2 42.2

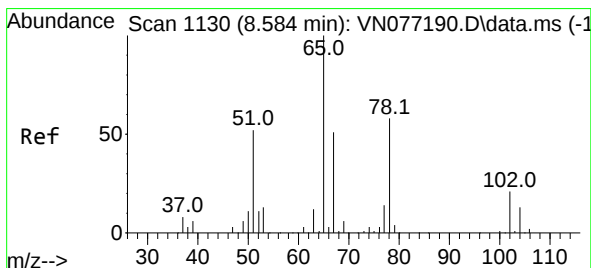
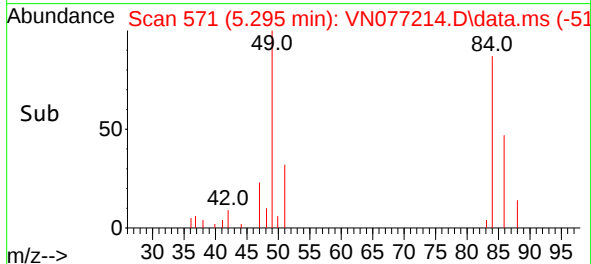
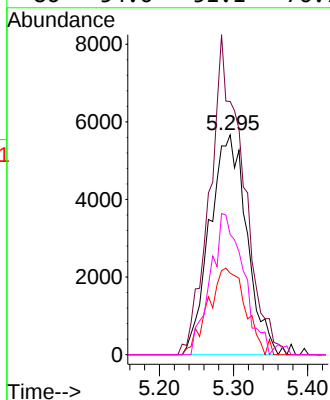
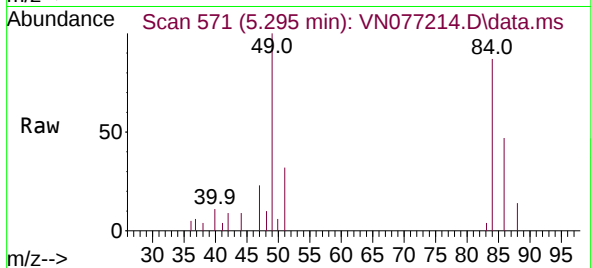




#20
Methylene Chloride
Concen: 3.909 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077214.D
Acq: 27 Mar 2023 20:40

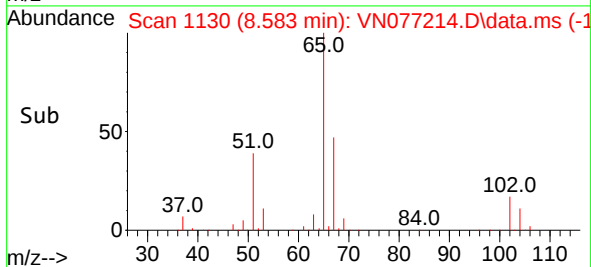
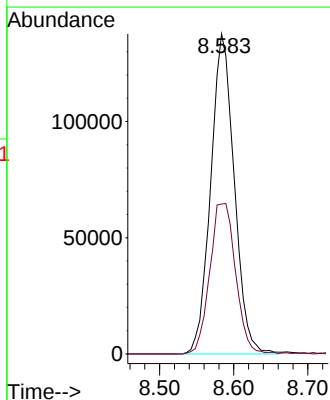
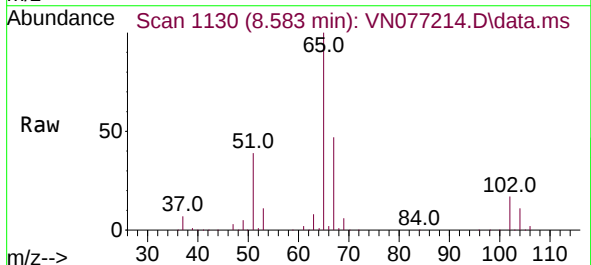
Instrument :
MSVOA_N
ClientSampleId :
PB151668ZHE#05

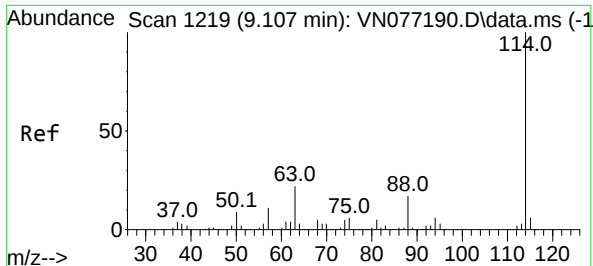
Tgt Ion:	84	Resp:	19648
Ion	Ratio	Lower	Upper
84	100		
49	115.2	76.6	114.8#
51	37.1	25.4	38.2
86	54.6	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.094 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN077214.D
Acq: 27 Mar 2023 20:40

Tgt Ion:	65	Resp:	304099
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077214.D

Acq: 27 Mar 2023 20:40

Instrument :

MSVOA_N

ClientSampleId :

PB151668ZHE#05

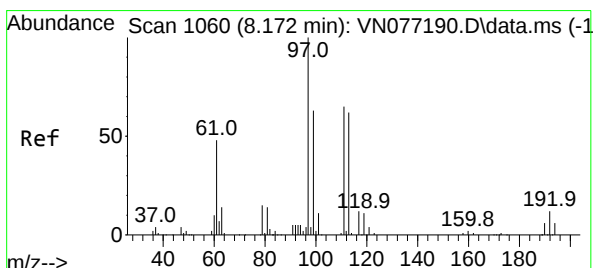
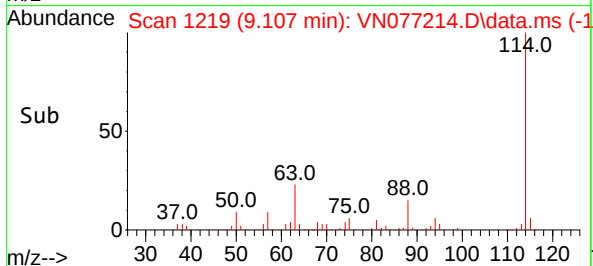
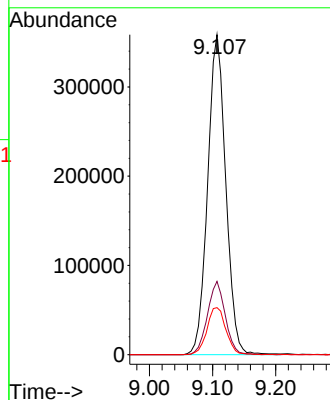
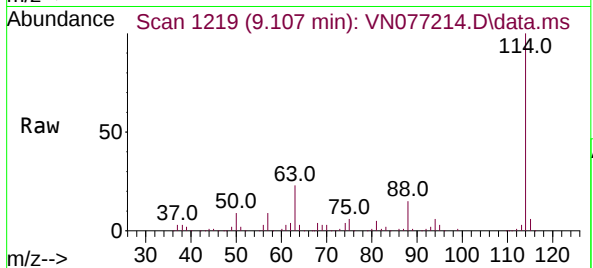
Tgt Ion:114 Resp: 714675

Ion Ratio Lower Upper

114 100

63 22.9 0.0 36.6

88 14.7 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.691 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN077214.D

Acq: 27 Mar 2023 20:40

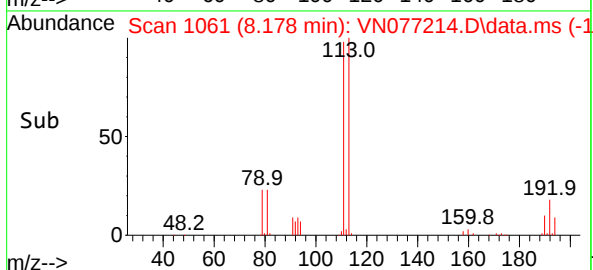
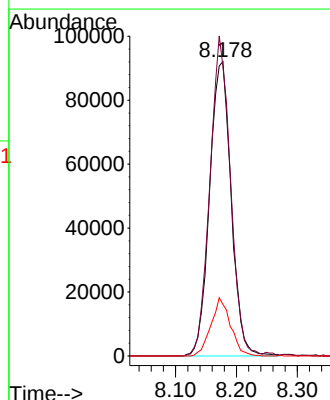
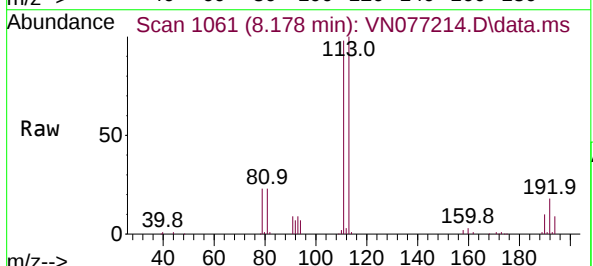
Tgt Ion:113 Resp: 226423

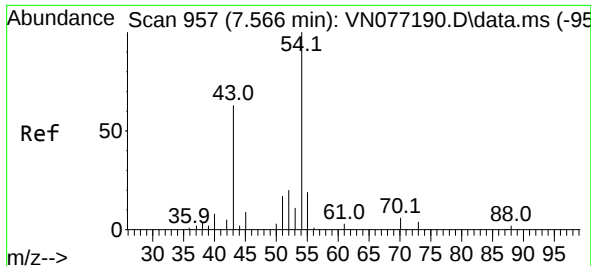
Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.8

192 17.9 13.9 20.9

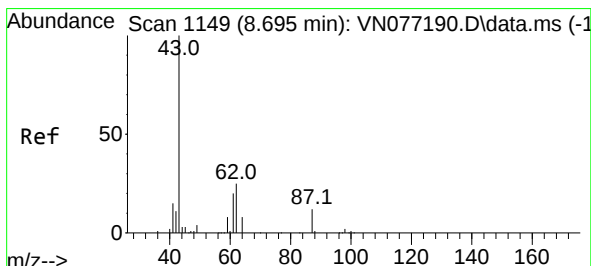
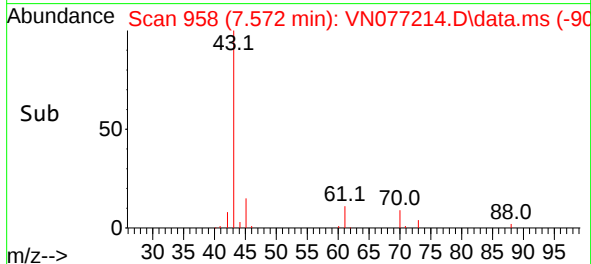
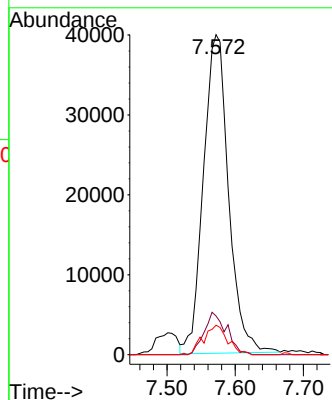
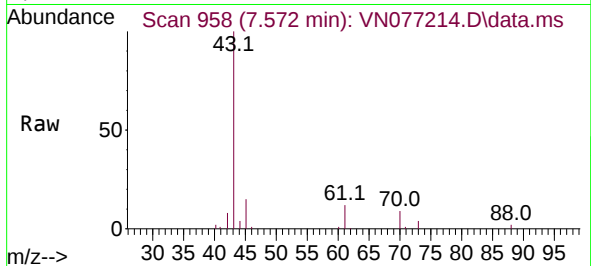




#37
Ethyl Acetate
Concen: 13.603 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077214.D
Acq: 27 Mar 2023 20:40

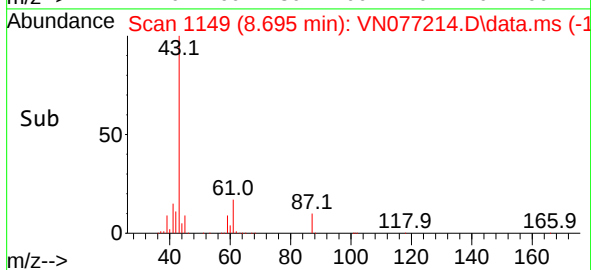
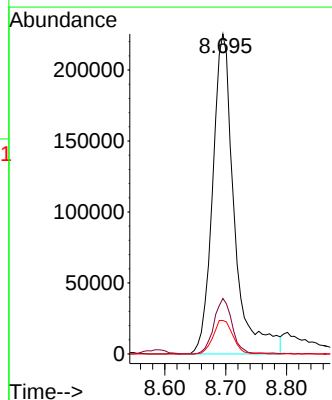
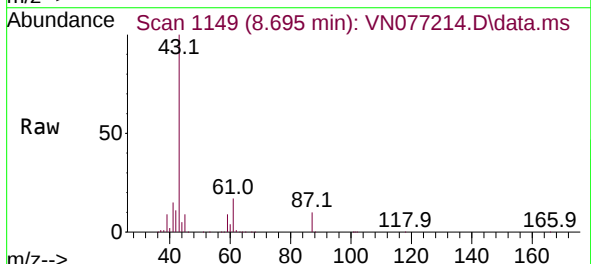
Instrument :
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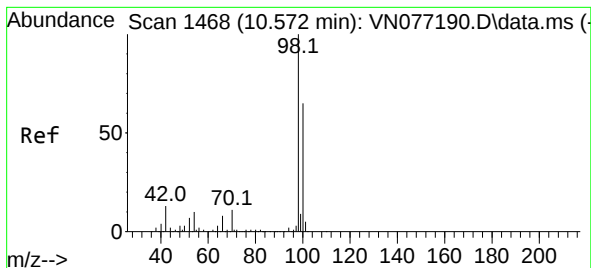
Tgt Ion: 43 Resp: 102336
Ion Ratio Lower Upper
43 100
61 11.9 13.5 20.3#
70 9.0 11.0 16.6#



#43
Isopropyl Acetate
Concen: 45.826 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077214.D
Acq: 27 Mar 2023 20:40

Tgt Ion: 43 Resp: 556183
Ion Ratio Lower Upper
43 100
61 14.7 26.2 39.2#
87 9.5 14.8 22.2#

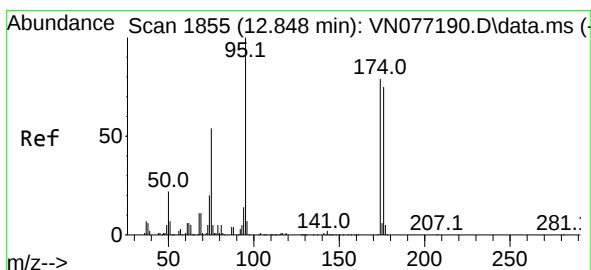
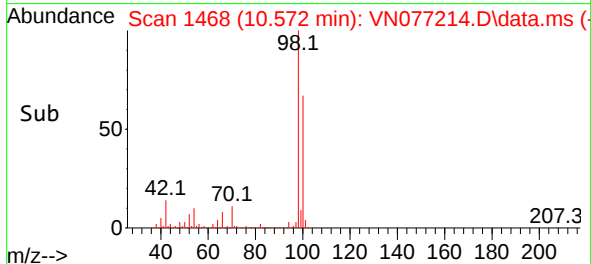
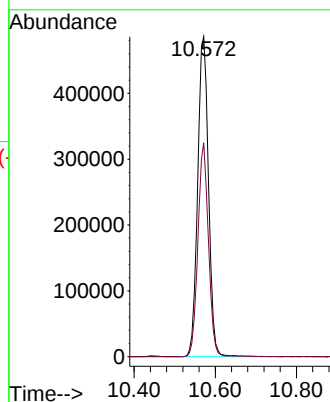
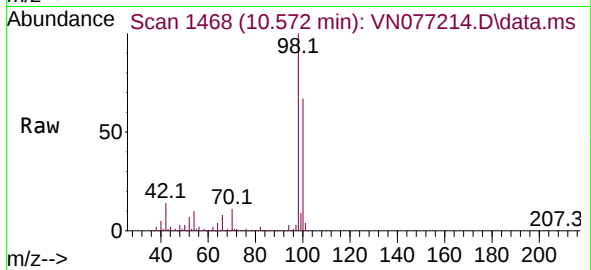




#50
Toluene-d8
Concen: 49.857 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077214.D
Acq: 27 Mar 2023 20:40

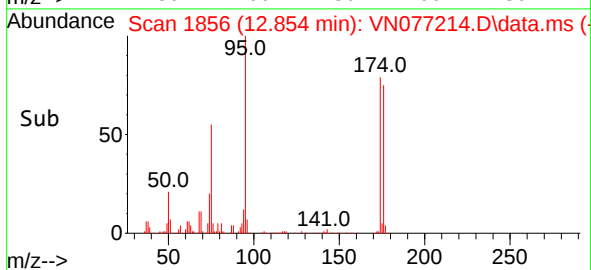
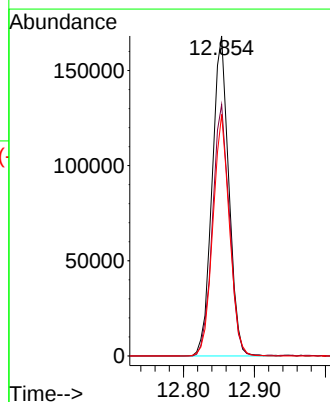
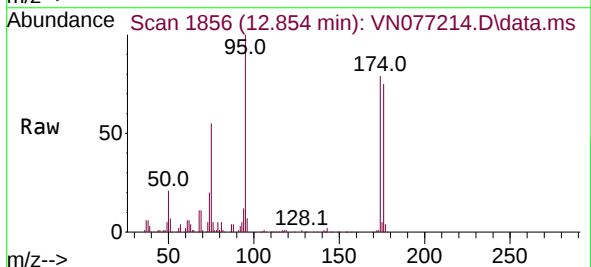
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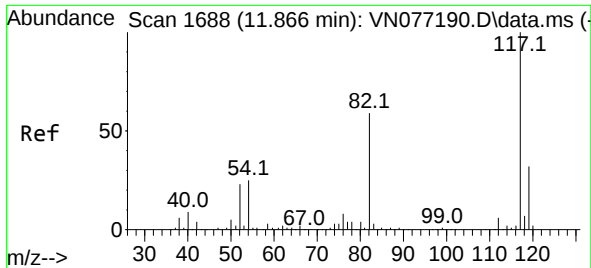
Tgt Ion: 98 Resp: 905954
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.027 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077214.D
Acq: 27 Mar 2023 20:40

Tgt Ion: 95 Resp: 274486
Ion Ratio Lower Upper
95 100
174 79.2 0.0 162.4
176 74.8 0.0 157.4

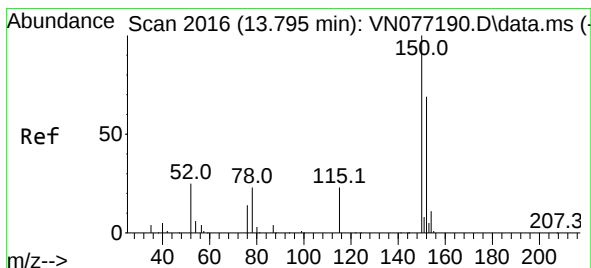
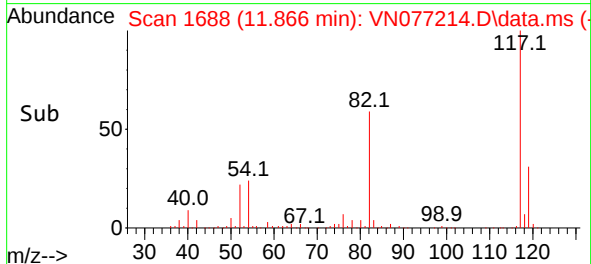
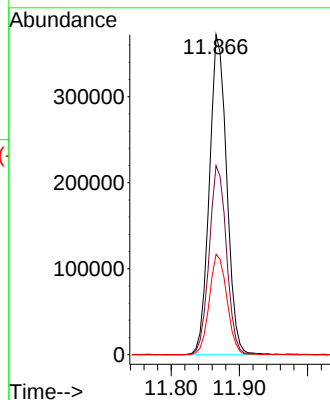
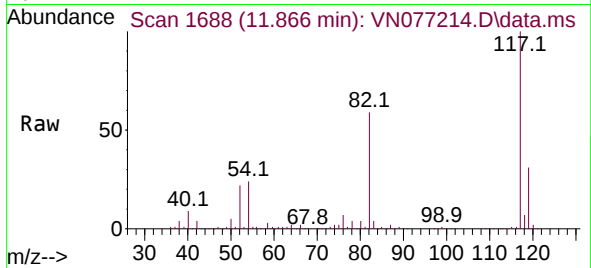




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077214.D
Acq: 27 Mar 2023 20:40

Instrument :
MSVOA_N
ClientSampleId :
PB151668ZHE#05

Tgt Ion:117 Resp: 659185
Ion Ratio Lower Upper
117 100
82 59.1 43.5 65.3
119 31.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077214.D
Acq: 27 Mar 2023 20:40

Tgt Ion:152 Resp: 244332
Ion Ratio Lower Upper
152 100
115 59.7 30.3 90.9
150 158.1 0.0 353.6

