

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077213.D
 Acq On : 27 Mar 2023 20:16
 Operator : JC\MD
 Sample : PB151668ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151668ZHE#04

Quant Time: Mar 28 07:43:51 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)

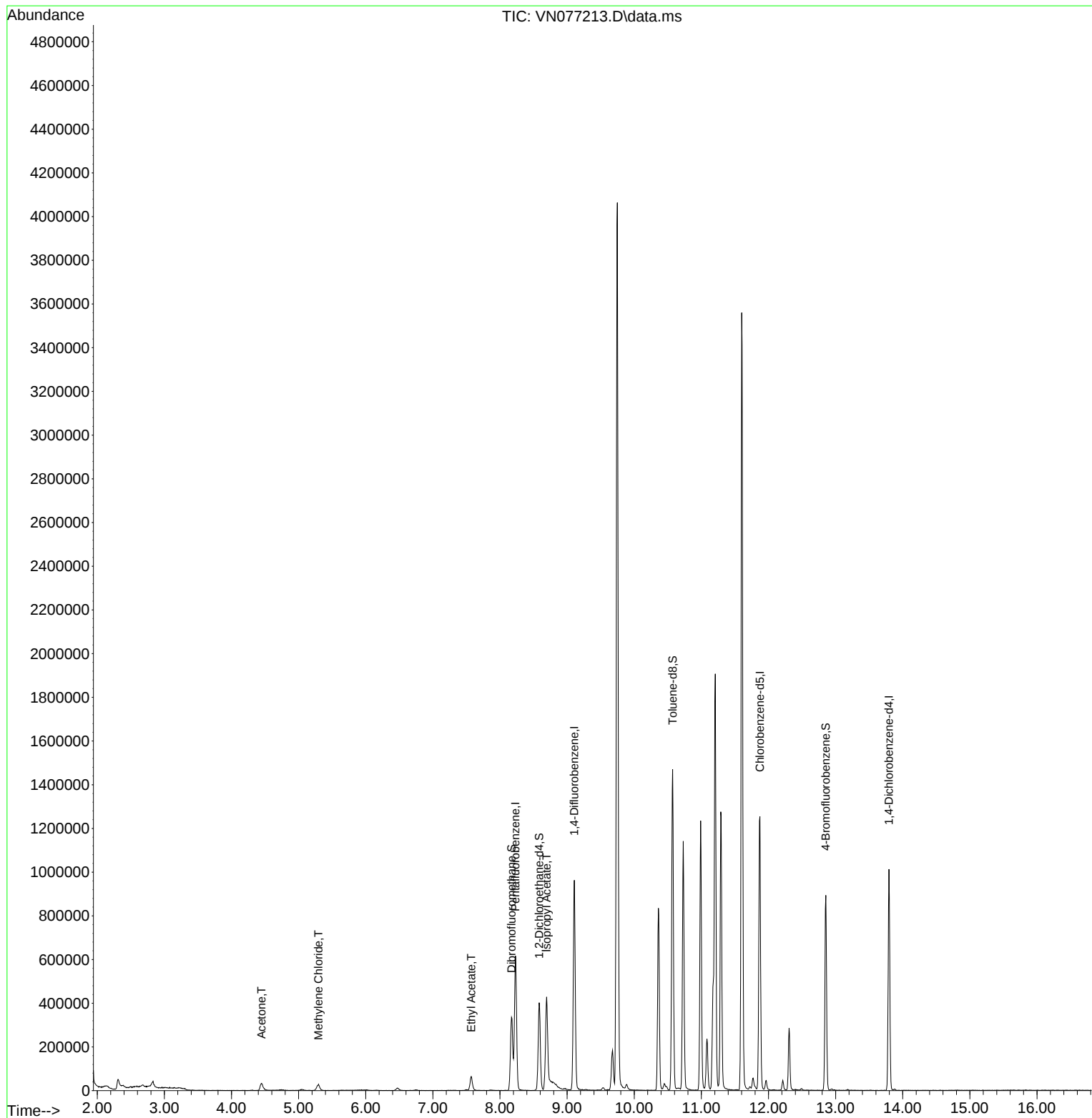
Internal Standards						
1) Pentafluorobenzene	8.231	168	426267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	770613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	692119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	255693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	320247	48.050	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.100%
35) Dibromofluoromethane	8.172	113	243319	46.533	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.060%
50) Toluene-d8	10.572	98	969823	49.498	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.854	95	295660	45.979	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.960%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	62205	25.101	ug/l	92
20) Methylene Chloride	5.295	84	20043	3.632	ug/l #	80
37) Ethyl Acetate	7.572	43	97416	12.009	ug/l #	92
43) Isopropyl Acetate	8.695	43	526707	40.247	ug/l #	72

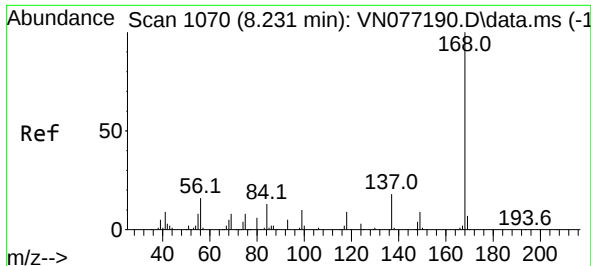
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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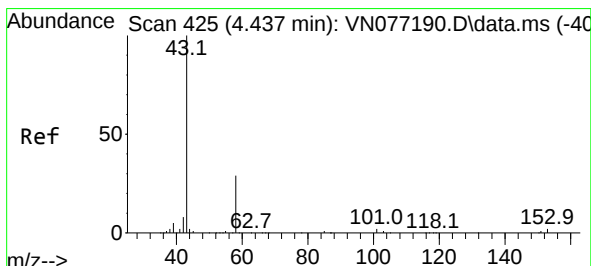
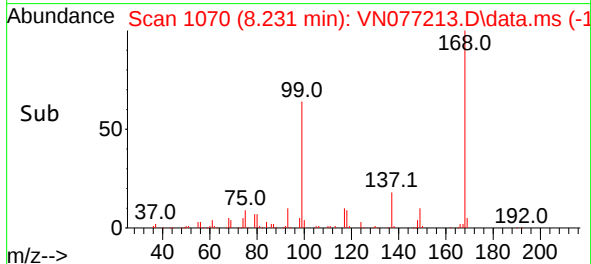
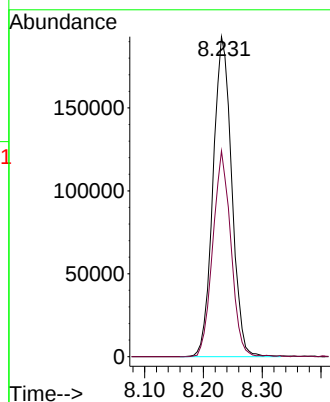
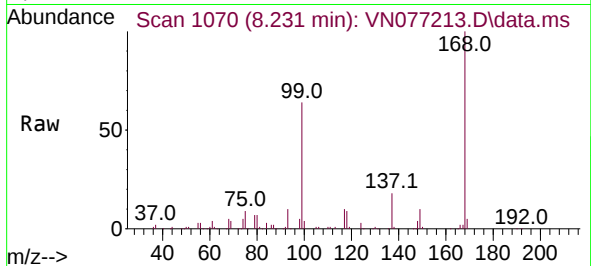




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077213.D
Acq: 27 Mar 2023 20:16

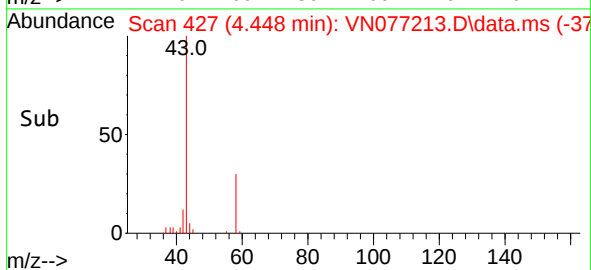
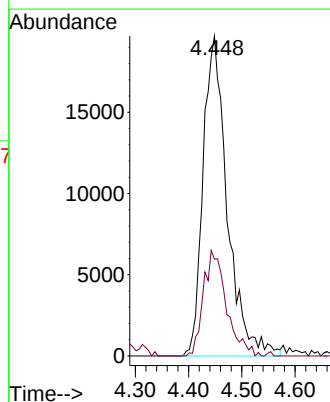
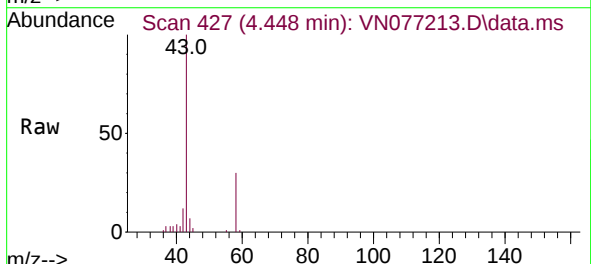
Instrument :
MSVOA_N
ClientSampleId :
PB151668ZHE#04

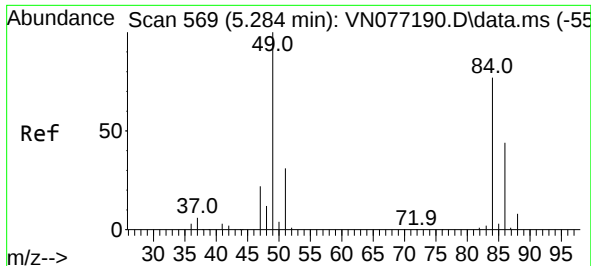
Tgt Ion:168 Resp: 426267
Ion Ratio Lower Upper
168 100
99 64.3 48.6 73.0



#16
Acetone
Concen: 25.101 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077213.D
Acq: 27 Mar 2023 20:16

Tgt Ion: 43 Resp: 62205
Ion Ratio Lower Upper
43 100
58 30.3 28.2 42.2

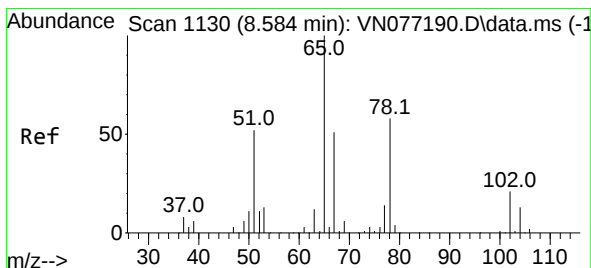
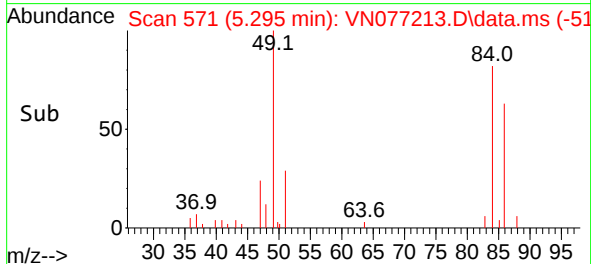
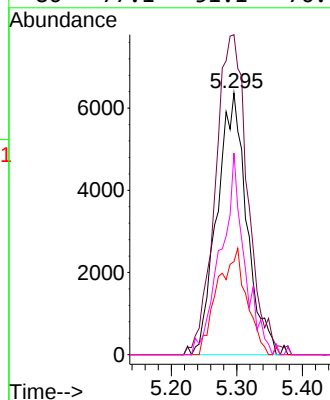
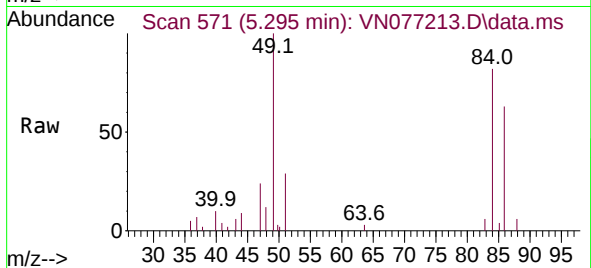




#20
Methylene Chloride
Concen: 3.632 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077213.D
Acq: 27 Mar 2023 20:16

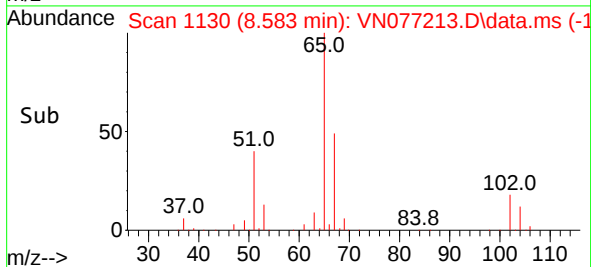
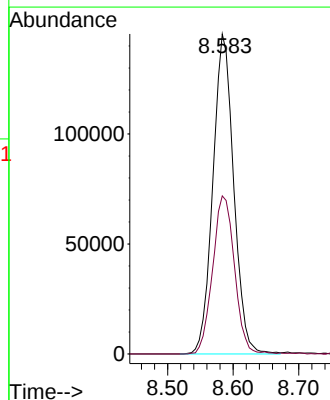
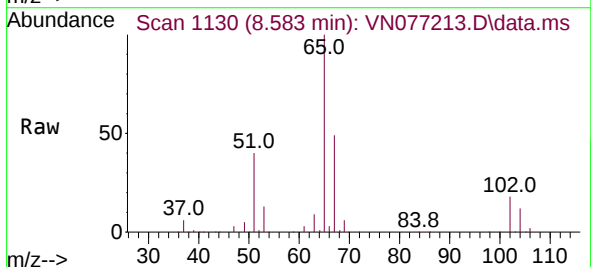
Instrument :
MSVOA_N
ClientSampleId :
PB151668ZHE#04

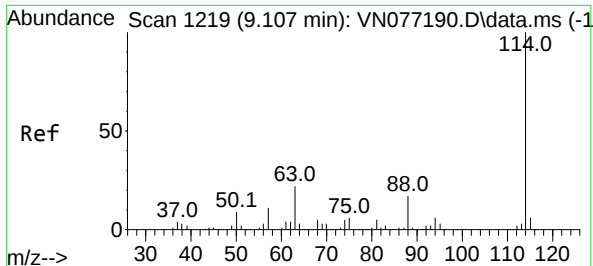
Tgt Ion: 84	Resp: 20043
Ion Ratio	Lower Upper
84 100	
49 122.4	76.6 114.8#
51 35.6	25.4 38.2
86 77.1	51.1 76.7#



#33
1,2-Dichloroethane-d4
Concen: 48.050 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN077213.D
Acq: 27 Mar 2023 20:16

Tgt Ion: 65	Resp: 320247
Ion Ratio	Lower Upper
65 100	
67 51.8	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: VN077213.D

Acq: 27 Mar 2023 20:16

Instrument :

MSVOA_N

ClientSampleId :

PB151668ZHE#04

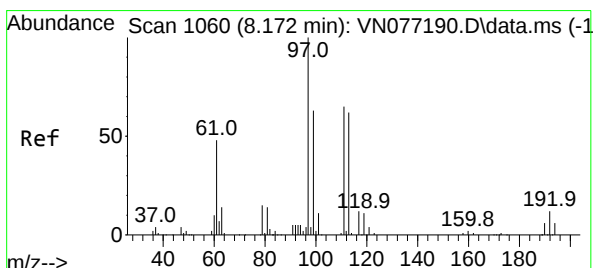
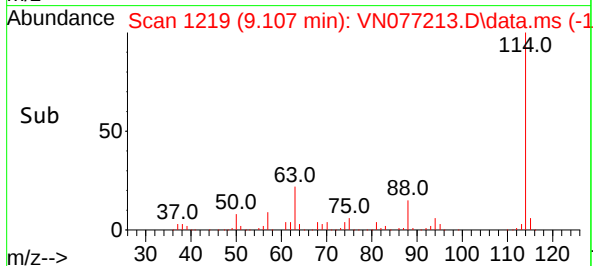
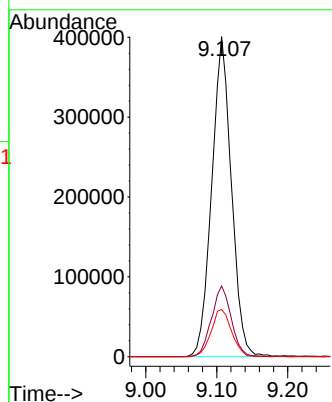
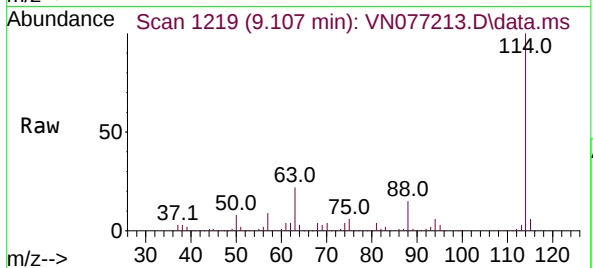
Tgt Ion:114 Resp: 770613

Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.6

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.533 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077213.D

Acq: 27 Mar 2023 20:16

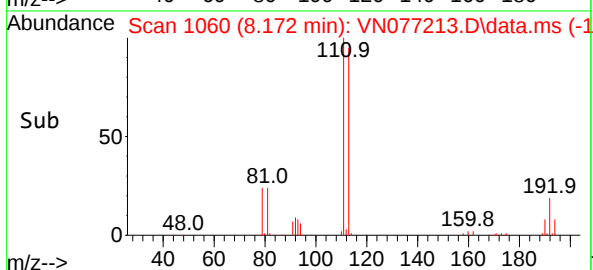
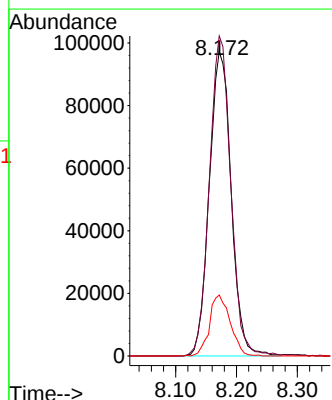
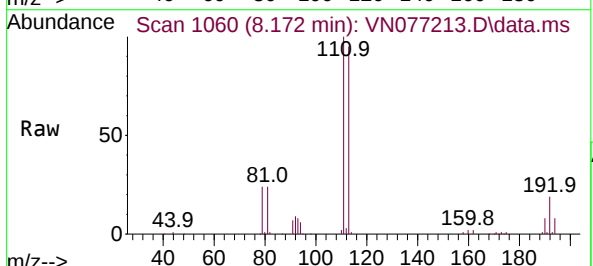
Tgt Ion:113 Resp: 243319

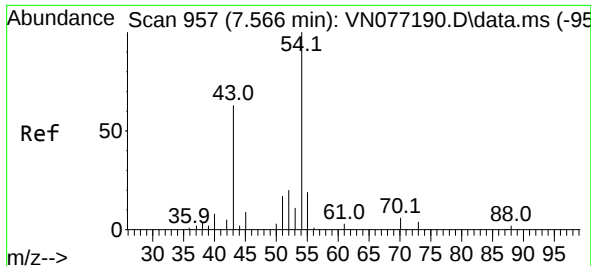
Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 19.0 13.9 20.9

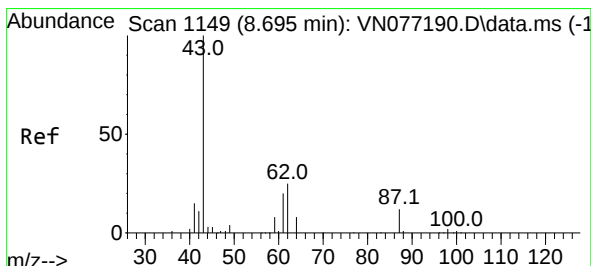
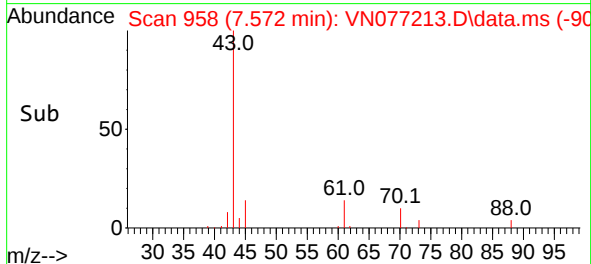
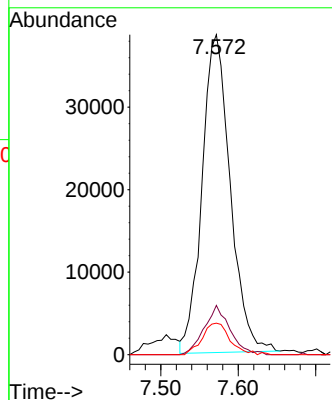
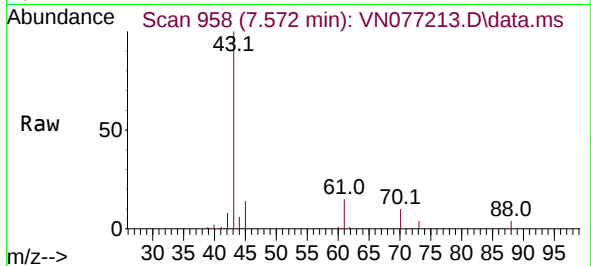




#37
Ethyl Acetate
Concen: 12.009 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077213.D
Acq: 27 Mar 2023 20:16

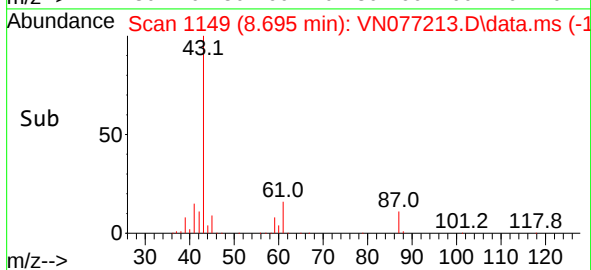
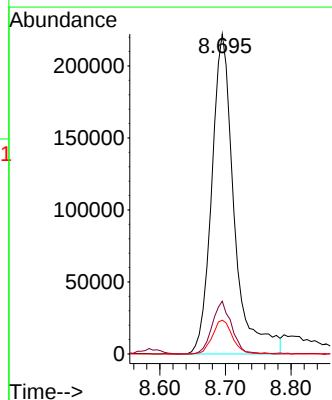
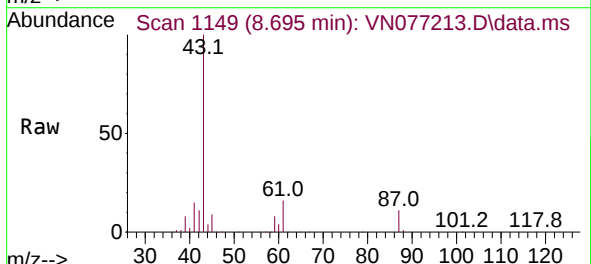
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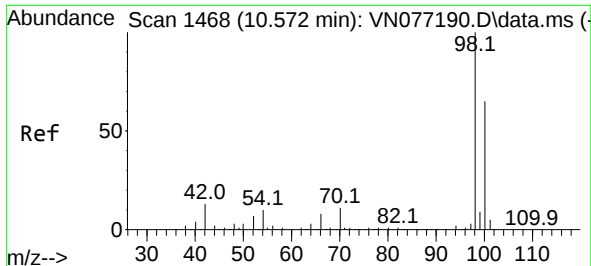
Tgt Ion: 43 Resp: 97416
Ion Ratio Lower Upper
43 100
61 14.2 13.5 20.3
70 9.8 11.0 16.6#



#43
Isopropyl Acetate
Concen: 40.247 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077213.D
Acq: 27 Mar 2023 20:16

Tgt Ion: 43 Resp: 526707
Ion Ratio Lower Upper
43 100
61 14.2 26.2 39.2#
87 9.4 14.8 22.2#

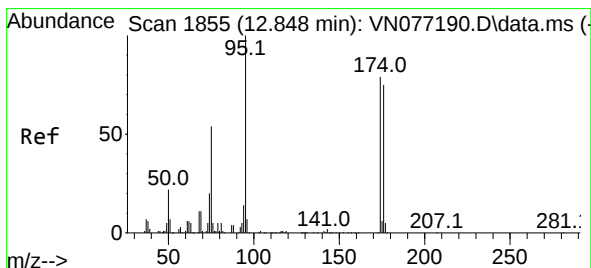
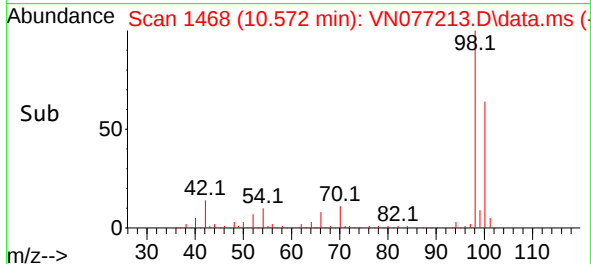
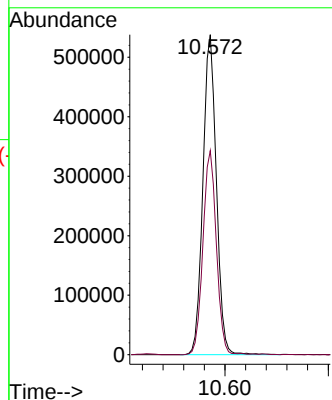
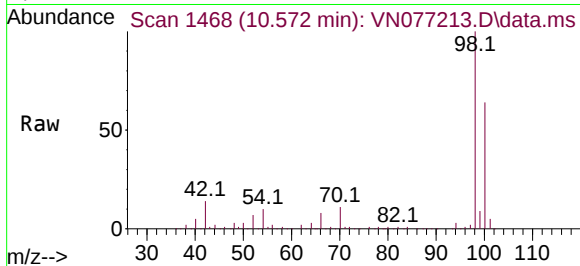




#50
Toluene-d8
Concen: 49.498 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077213.D
Acq: 27 Mar 2023 20:16

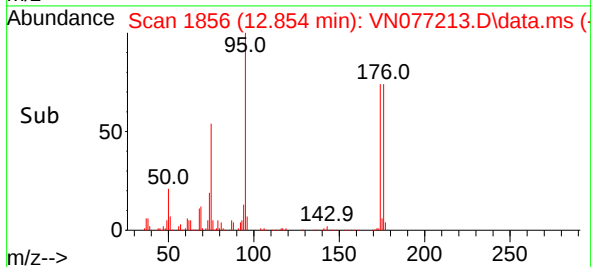
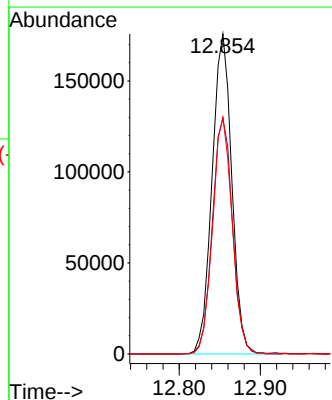
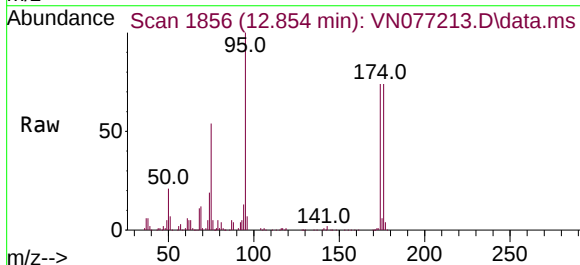
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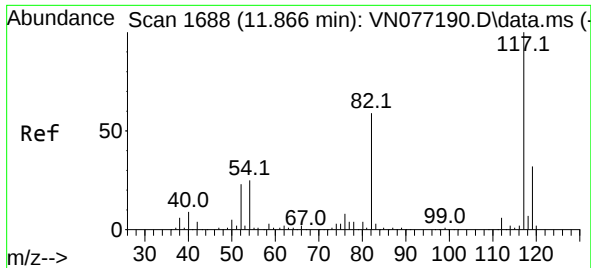
Tgt Ion: 98 Resp: 969823
Ion Ratio Lower Upper
98 100
100 63.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.979 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077213.D
Acq: 27 Mar 2023 20:16

Tgt Ion: 95 Resp: 295660
Ion Ratio Lower Upper
95 100
174 75.5 0.0 162.4
176 73.5 0.0 157.4

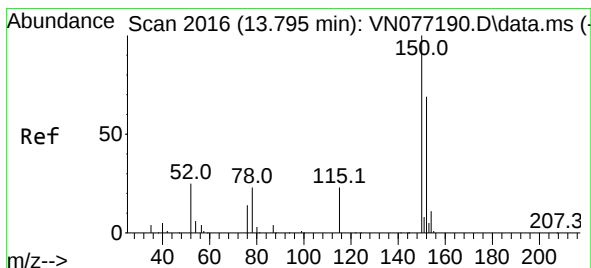
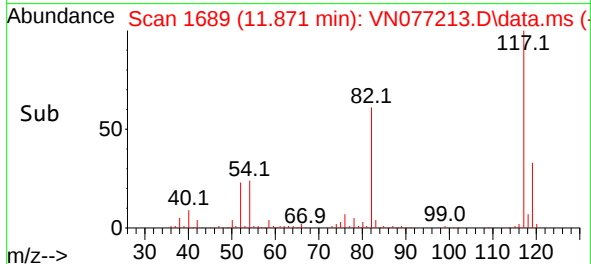
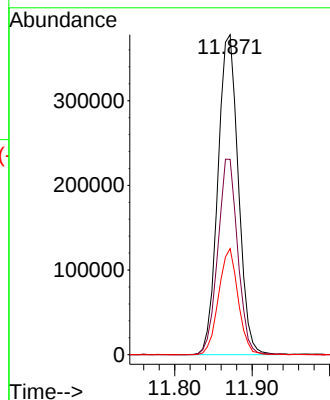
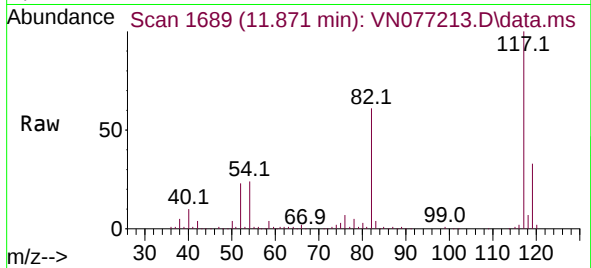




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077213.D
Acq: 27 Mar 2023 20:16

Instrument :
MSVOA_N
ClientSampleId :
PB151668ZHE#04

Tgt Ion:117 Resp: 692119
Ion Ratio Lower Upper
117 100
82 61.1 43.5 65.3
119 33.1 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: VN077213.D
Acq: 27 Mar 2023 20:16

Tgt Ion:152 Resp: 255693
Ion Ratio Lower Upper
152 100
115 60.4 30.3 90.9
150 156.4 0.0 353.6

