

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077211.D
 Acq On : 27 Mar 2023 19:27
 Operator : JC\MD
 Sample : PB151668ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151668ZHE#02

Quant Time: Mar 28 07:42:50 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)

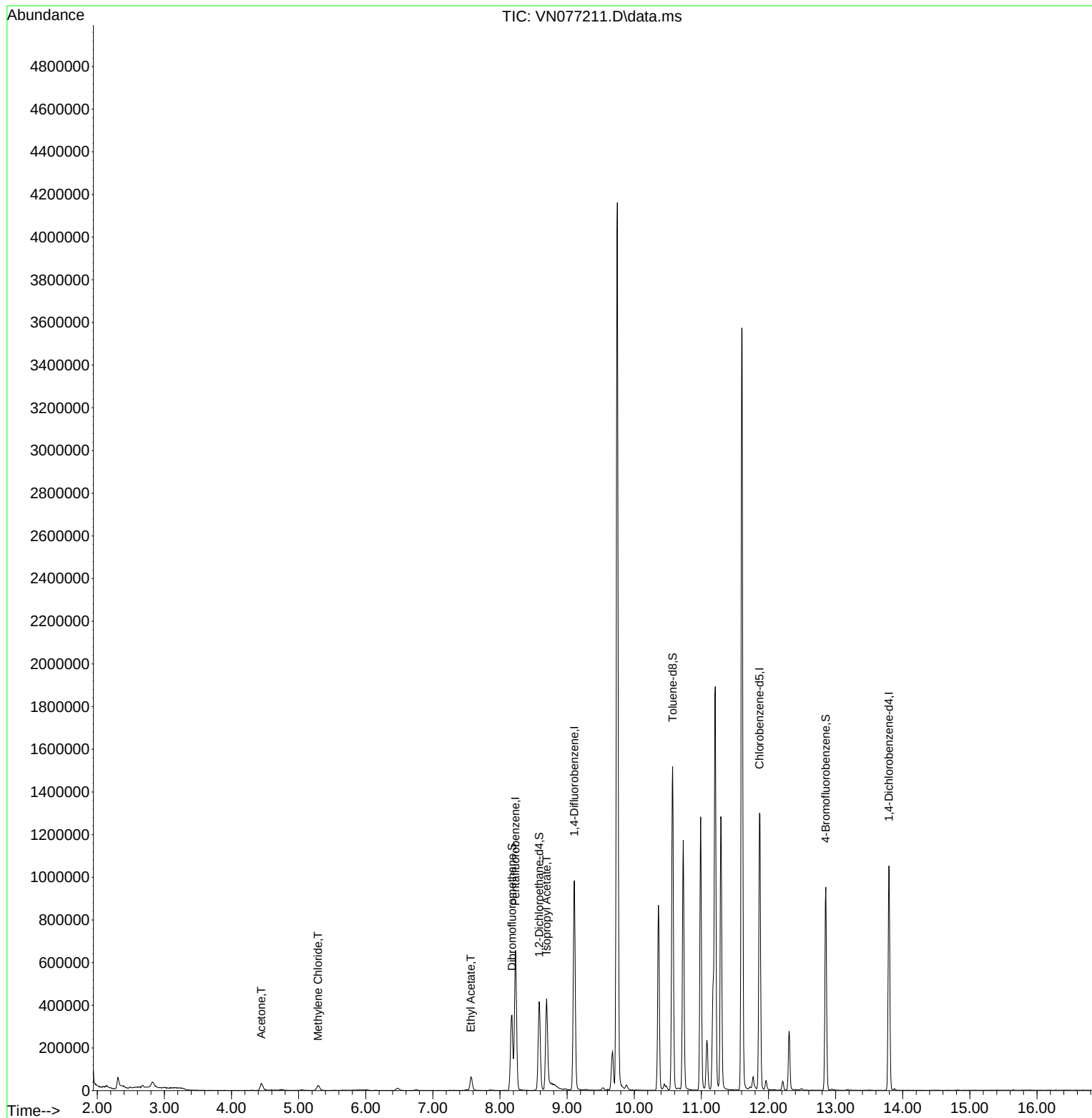
Internal Standards						
1) Pentafluorobenzene	8.230	168	449336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	804732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	732801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	277533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	339546	48.330	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.660%
35) Dibromofluoromethane	8.178	113	256341	46.944	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.880%
50) Toluene-d8	10.572	98	1004033	49.071	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.854	95	311884	46.445	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.900%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	63887	24.457	ug/l #	87
20) Methylene Chloride	5.290	84	17091	2.938	ug/l #	82
37) Ethyl Acetate	7.566	43	96652	11.410	ug/l #	91
43) Isopropyl Acetate	8.695	43	497978	36.438	ug/l #	75

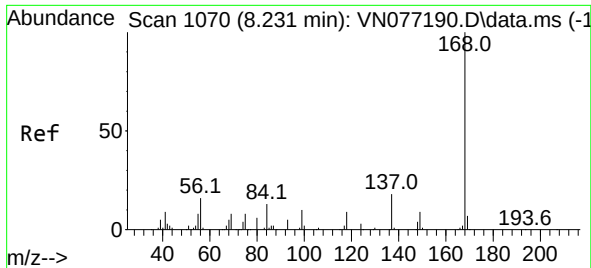
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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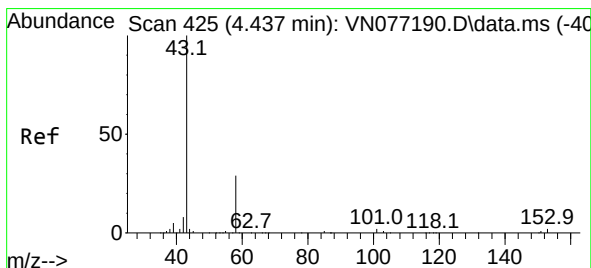
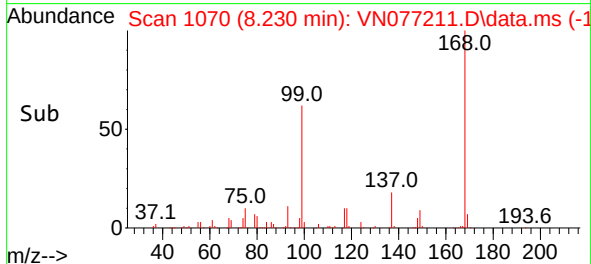
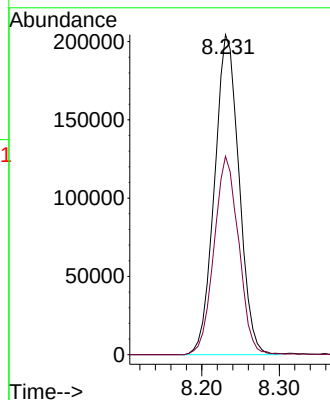
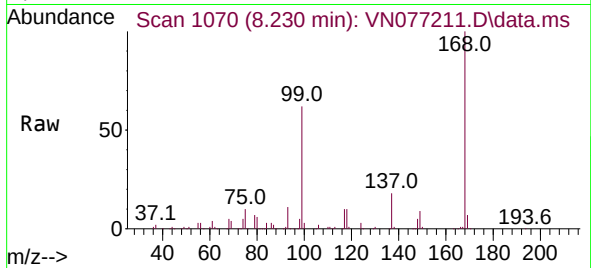




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077211.D
Acq: 27 Mar 2023 19:27

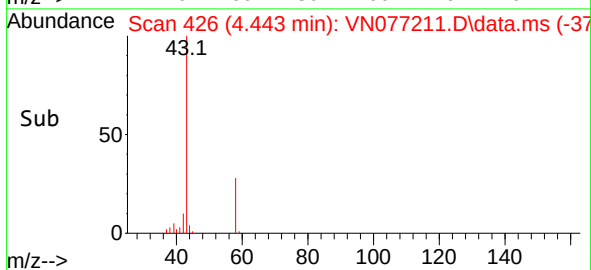
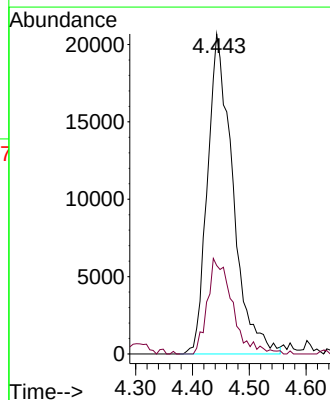
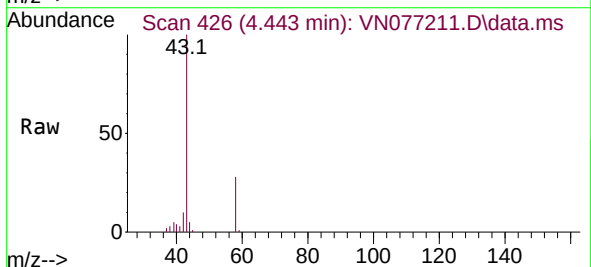
Instrument :
MSVOA_N
ClientSampleId :
PB151668ZHE#02

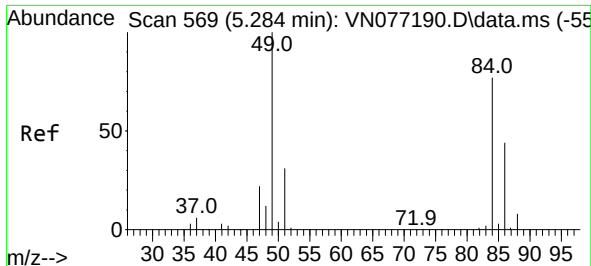
Tgt Ion:168 Resp: 449336
Ion Ratio Lower Upper
168 100
99 62.0 48.6 73.0



#16
Acetone
Concen: 24.457 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077211.D
Acq: 27 Mar 2023 19:27

Tgt Ion: 43 Resp: 63887
Ion Ratio Lower Upper
43 100
58 27.7 28.2 42.2#

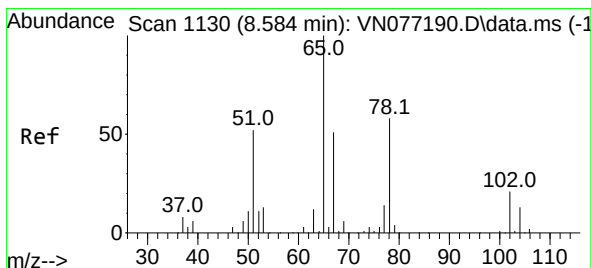
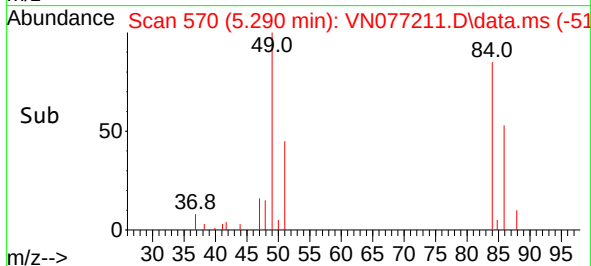
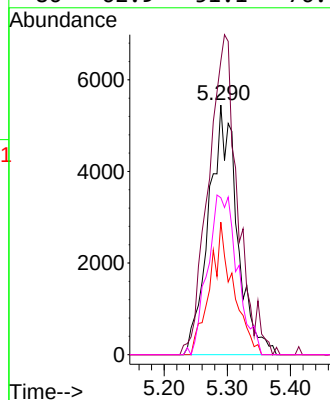
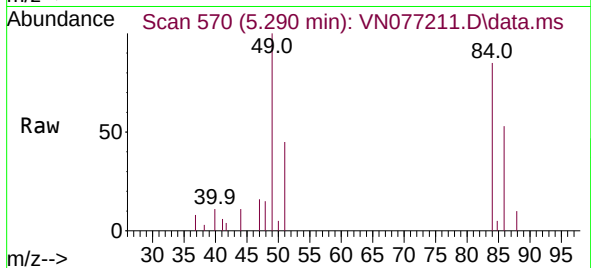




#20
Methylene Chloride
Concen: 2.938 ug/l
RT: 5.290 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077211.D
Acq: 27 Mar 2023 19:27

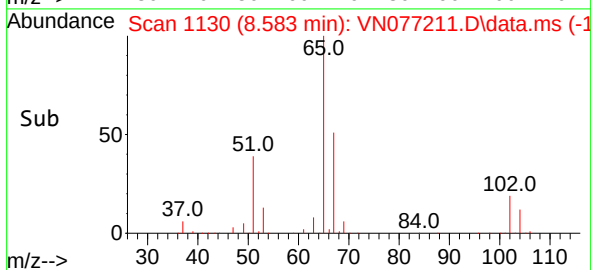
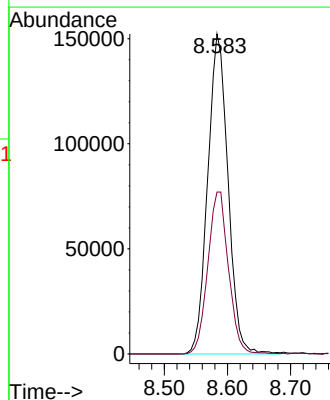
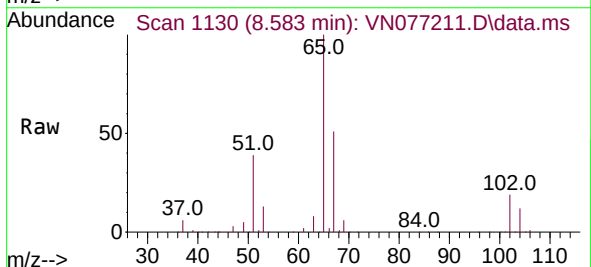
Instrument :
MSVOA_N
ClientSampleId :
PB151668ZHE#02

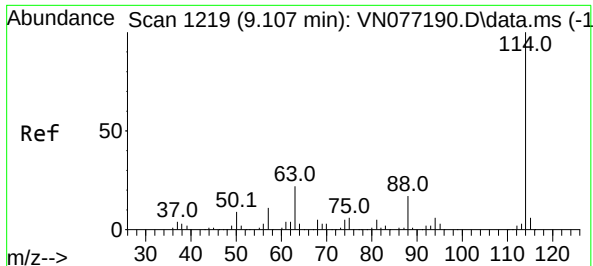
Tgt Ion:	84	Resp:	17091
Ion	Ratio	Lower	Upper
84	100		
49	117.7	76.6	114.8#
51	53.1	25.4	38.2#
86	62.9	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 48.330 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN077211.D
Acq: 27 Mar 2023 19:27

Tgt Ion:	65	Resp:	339546
Ion	Ratio	Lower	Upper
65	100		
67	51.7	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: VN077211.D

Acq: 27 Mar 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

PB151668ZHE#02

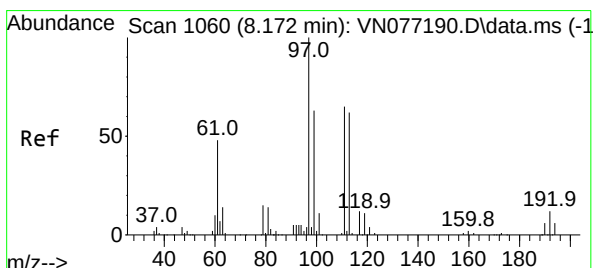
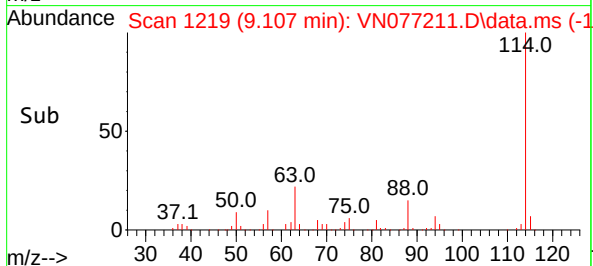
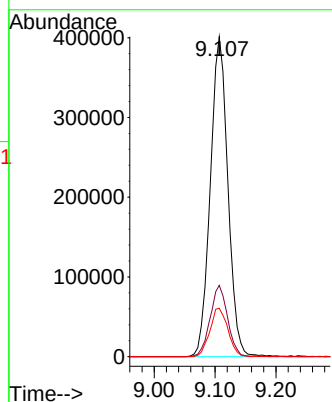
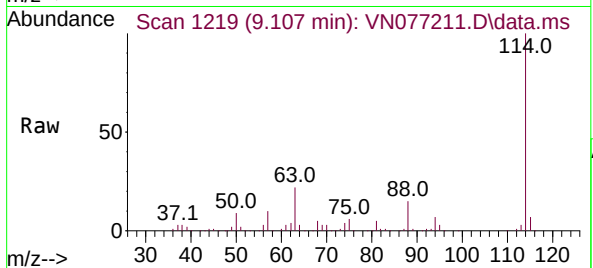
Tgt Ion:114 Resp: 804732

Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.6

88 15.2 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.944 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN077211.D

Acq: 27 Mar 2023 19:27

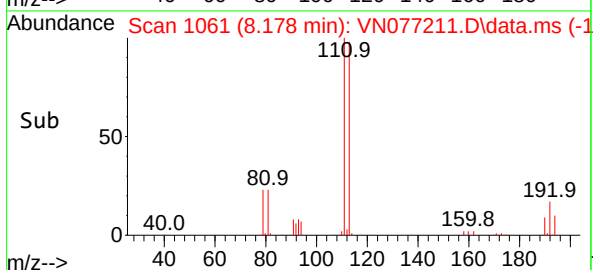
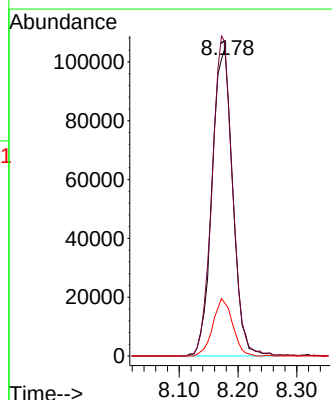
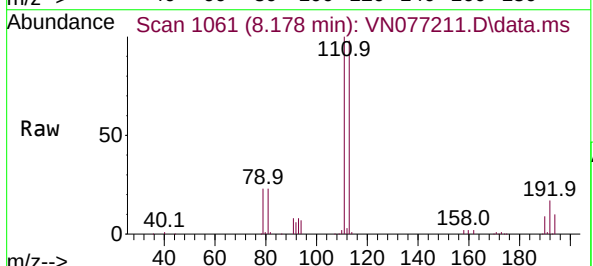
Tgt Ion:113 Resp: 256341

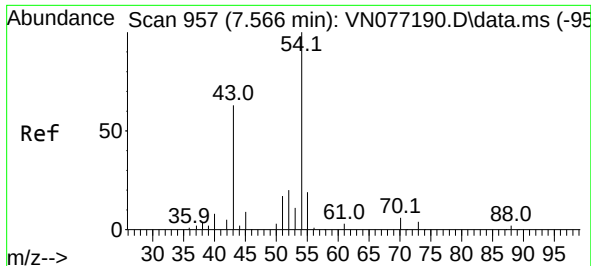
Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 17.7 13.9 20.9

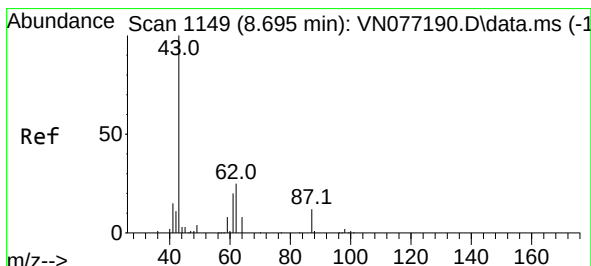
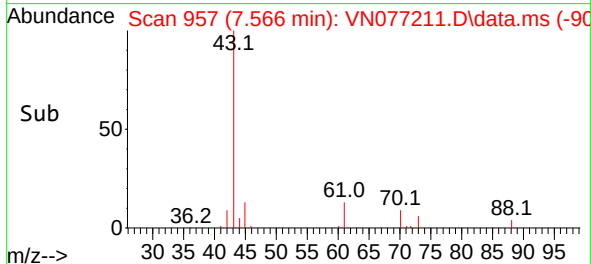
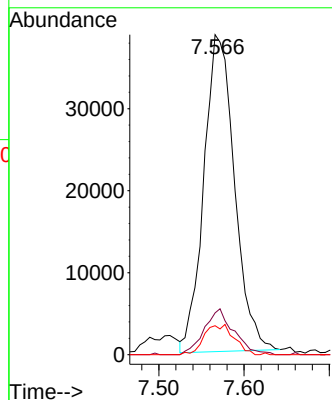
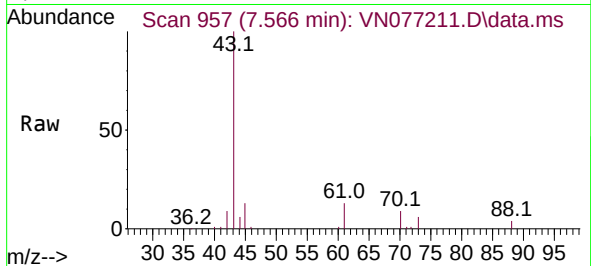




#37
Ethyl Acetate
Concen: 11.410 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077211.D
Acq: 27 Mar 2023 19:27

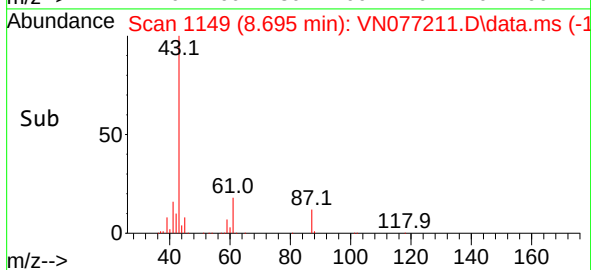
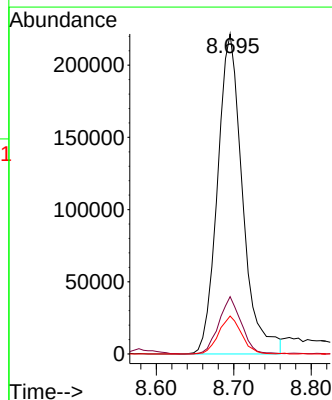
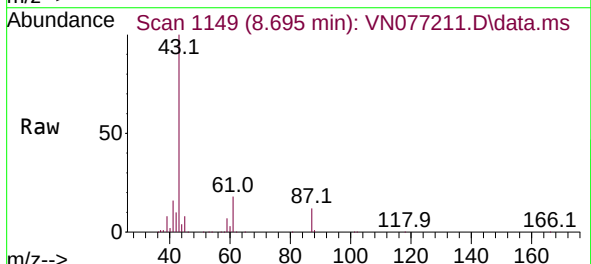
Instrument :
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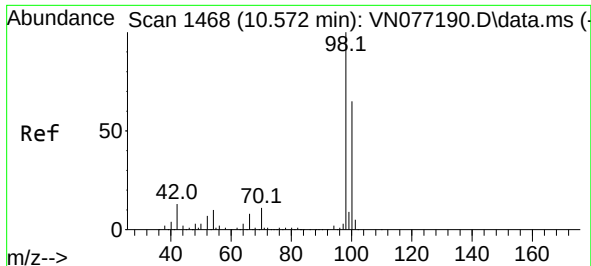
Tgt Ion: 43 Resp: 96652
Ion Ratio Lower Upper
43 100
61 14.0 13.5 20.3
70 9.2 11.0 16.6#



#43
Isopropyl Acetate
Concen: 36.438 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077211.D
Acq: 27 Mar 2023 19:27

Tgt Ion: 43 Resp: 497978
Ion Ratio Lower Upper
43 100
61 16.1 26.2 39.2#
87 10.7 14.8 22.2#

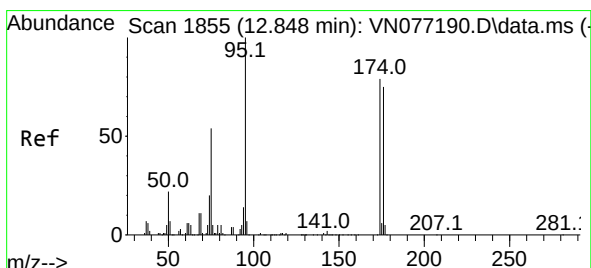
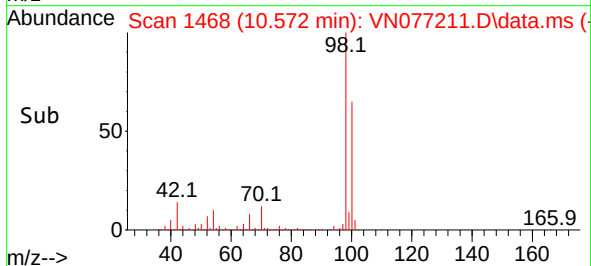
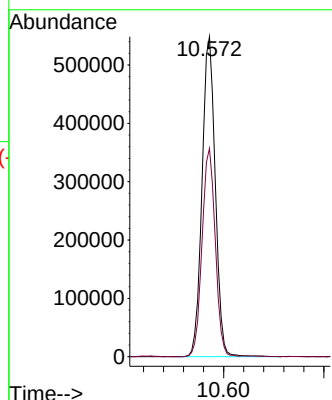
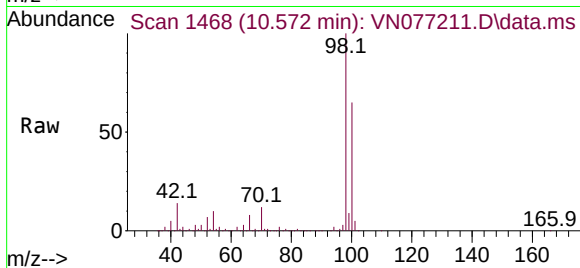




#50
Toluene-d8
Concen: 49.071 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077211.D
Acq: 27 Mar 2023 19:27

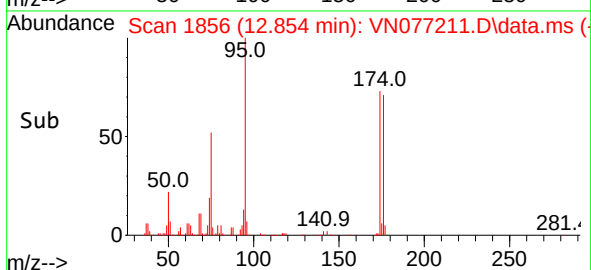
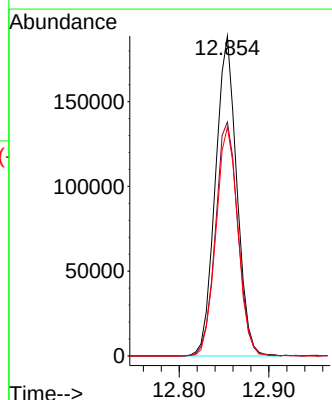
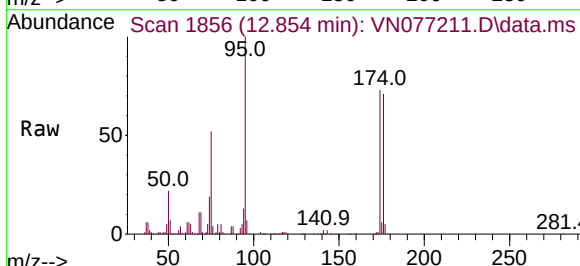
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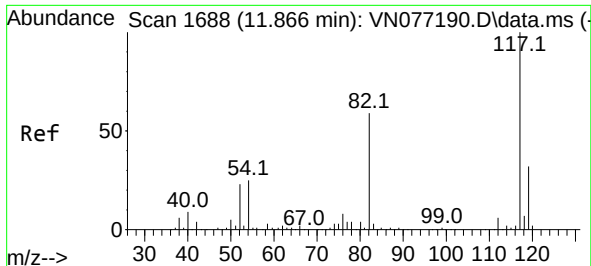
Tgt Ion: 98 Resp: 1004033
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.445 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077211.D
Acq: 27 Mar 2023 19:27

Tgt Ion: 95 Resp: 311884
Ion Ratio Lower Upper
95 100
174 76.5 0.0 162.4
176 73.6 0.0 157.4

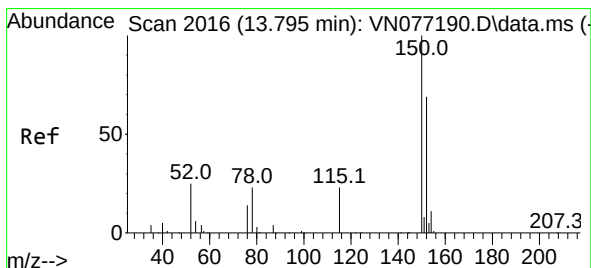
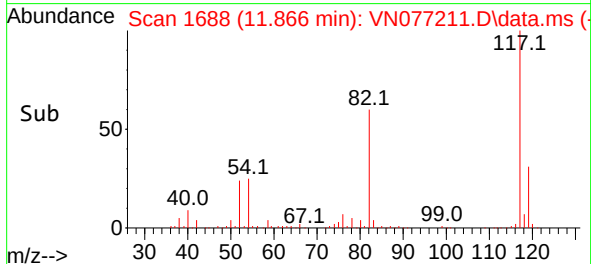
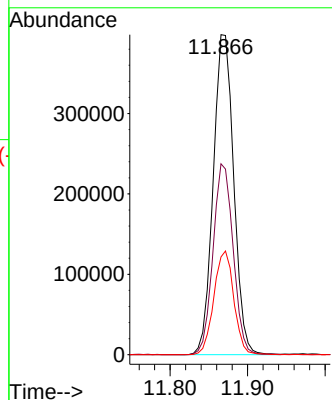
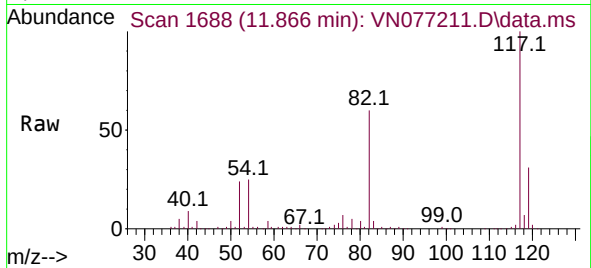




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077211.D
Acq: 27 Mar 2023 19:27

Instrument :
MSVOA_N
ClientSampleId :
PB151668ZHE#02

Tgt Ion:117 Resp: 732801
Ion Ratio Lower Upper
117 100
82 59.7 43.5 65.3
119 30.5 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: VN077211.D
Acq: 27 Mar 2023 19:27

Tgt Ion:152 Resp: 277533
Ion Ratio Lower Upper
152 100
115 58.0 30.3 90.9
150 153.9 0.0 353.6

