

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077226.D
 Acq On : 28 Mar 2023 01:31
 Operator : JC\MD
 Sample : PB151677TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151677TB

Quant Time: Mar 28 07:50:11 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)

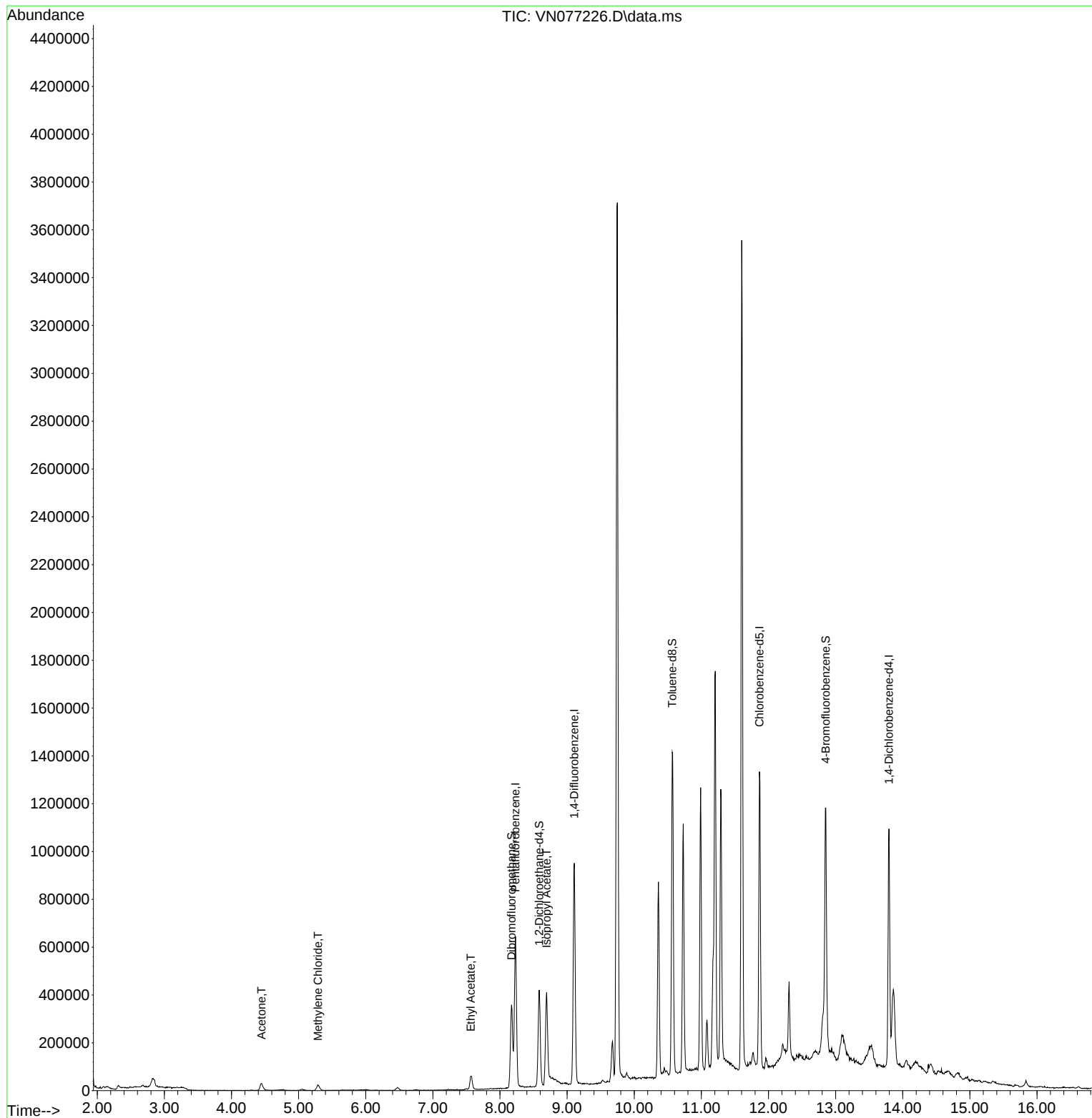
Internal Standards						
1) Pentafluorobenzene	8.231	168	427364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	765326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	665058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	244780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	323768	48.454	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.900%
35) Dibromofluoromethane	8.172	113	238288	45.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.780%
50) Toluene-d8	10.566	98	933059	47.951	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.854	95	302026	47.293	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.580%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	57558	23.167	ug/l #	87
20) Methylene Chloride	5.290	84	15946	2.882	ug/l #	81
37) Ethyl Acetate	7.566	43	93725	11.634	ug/l #	90
43) Isopropyl Acetate	8.695	43	457283	35.184	ug/l #	75

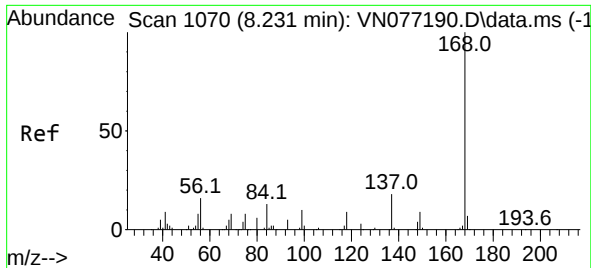
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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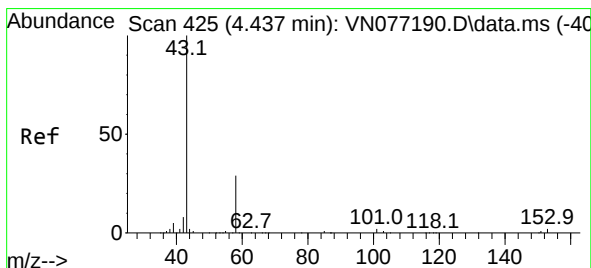
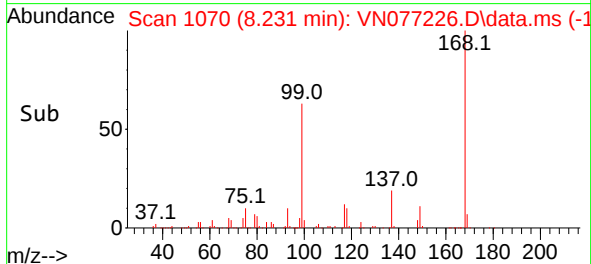
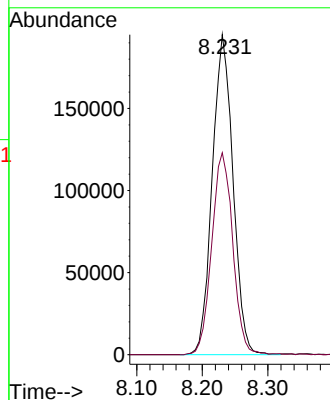
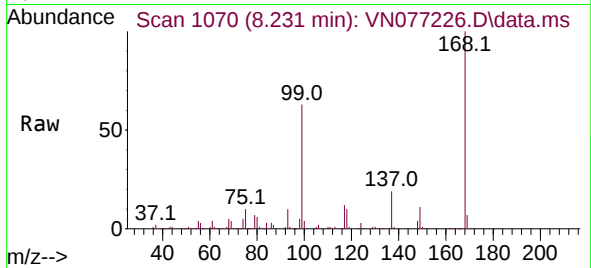




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077226.D
Acq: 28 Mar 2023 01:31

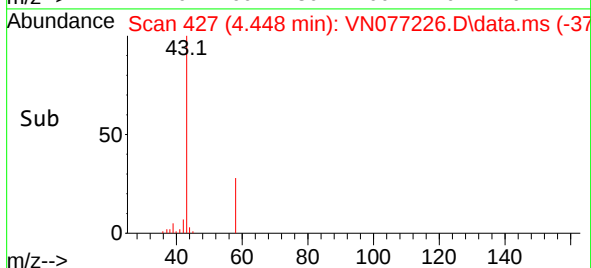
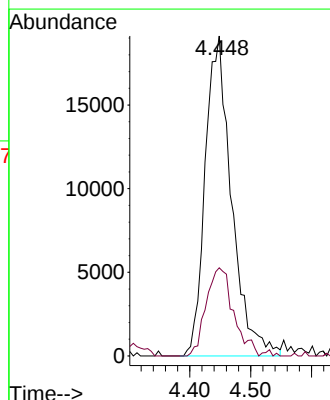
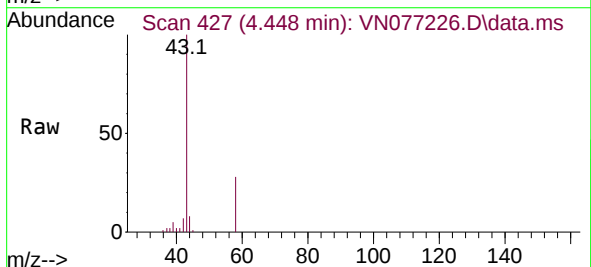
Instrument :
MSVOA_N
ClientSampleId :
PB151677TB

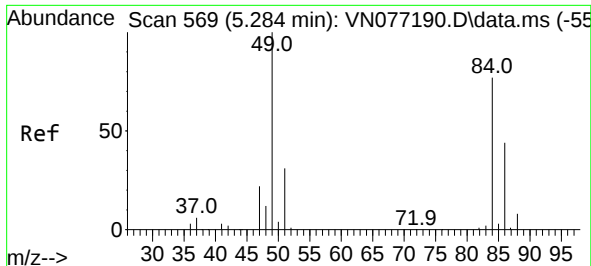
Tgt Ion:168 Resp: 427364
Ion Ratio Lower Upper
168 100
99 63.1 48.6 73.0



#16
Acetone
Concen: 23.167 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077226.D
Acq: 28 Mar 2023 01:31

Tgt Ion: 43 Resp: 57558
Ion Ratio Lower Upper
43 100
58 27.5 28.2 42.2#

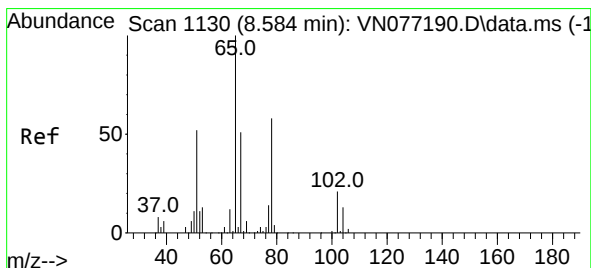
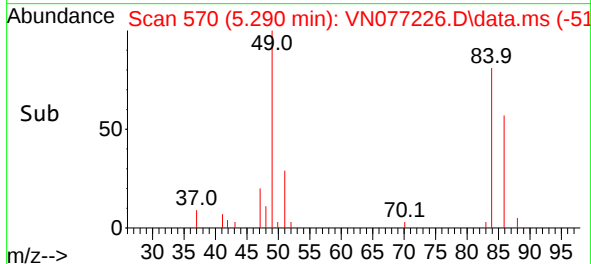
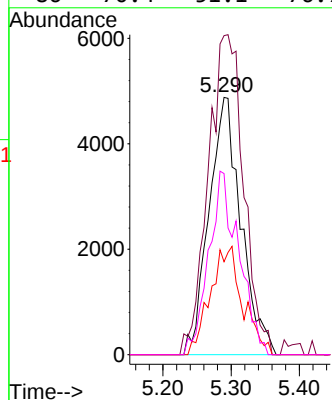
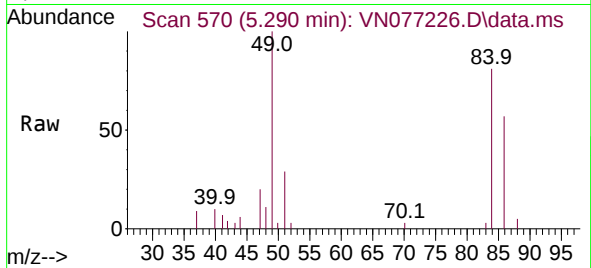




#20
Methylene Chloride
Concen: 2.882 ug/l
RT: 5.290 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077226.D
Acq: 28 Mar 2023 01:31

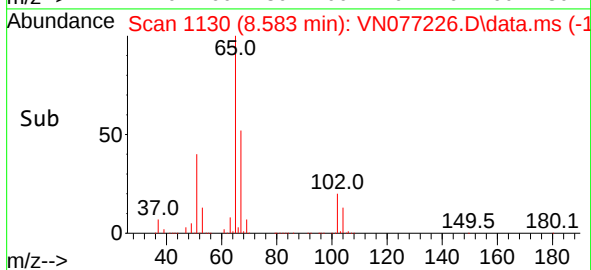
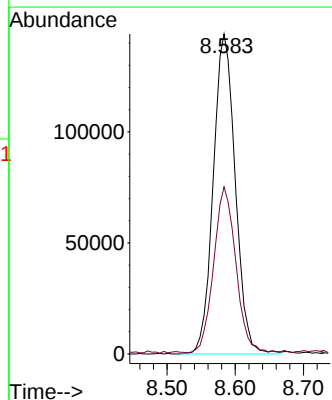
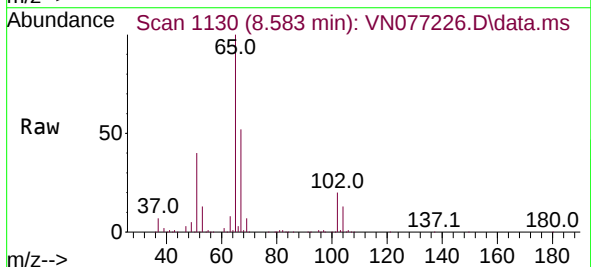
Instrument :
MSVOA_N
ClientSampleId :
PB151677TB

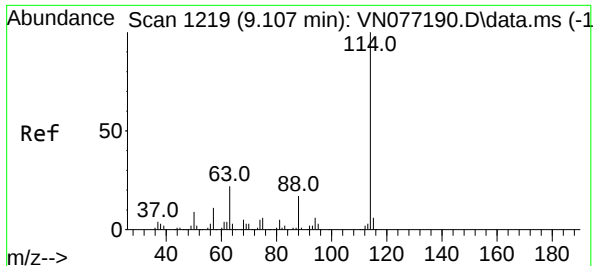
Tgt Ion: 84	Resp: 15946
Ion Ratio	Lower Upper
84 100	
49 124.0	76.6 114.8#
51 36.2	25.4 38.2
86 70.4	51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 48.454 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN077226.D
Acq: 28 Mar 2023 01:31

Tgt Ion: 65	Resp: 323768
Ion Ratio	Lower Upper
65 100	
67 52.2	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: VN077226.D

Acq: 28 Mar 2023 01:31

Instrument :

MSVOA_N

ClientSampleId :

PB151677TB

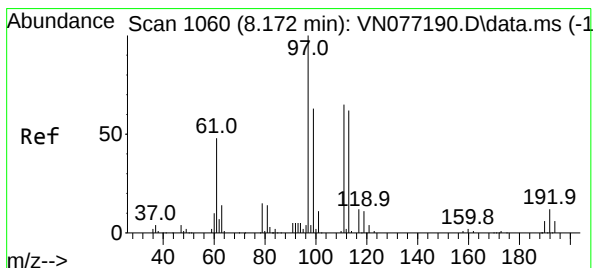
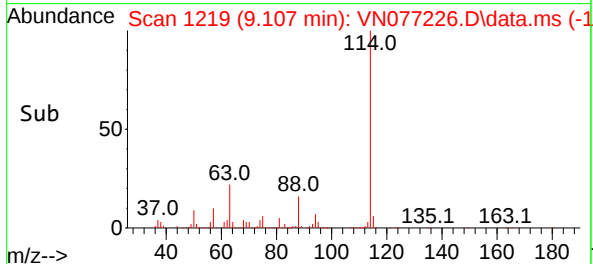
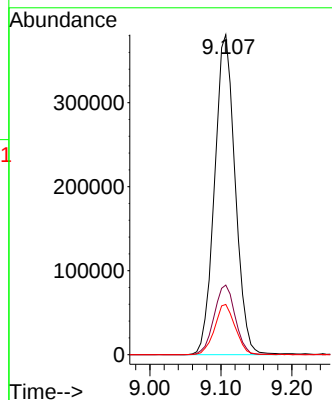
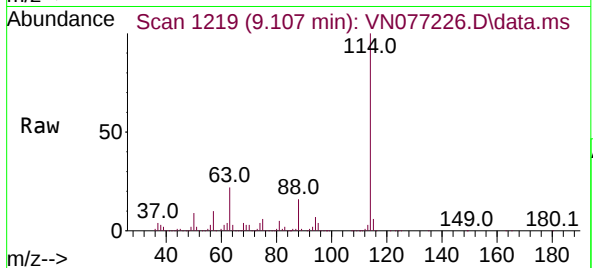
Tgt Ion:114 Resp: 765326

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.6

88 15.7 0.0 28.6



#35

Dibromofluoromethane

Concen: 45.885 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077226.D

Acq: 28 Mar 2023 01:31

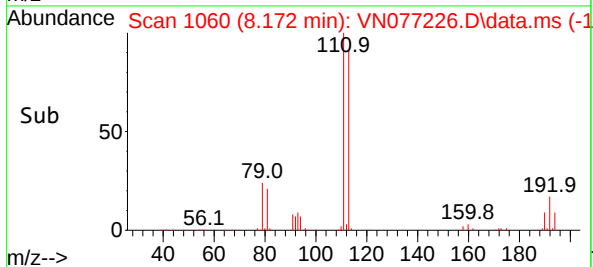
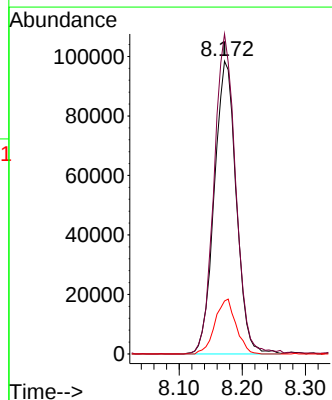
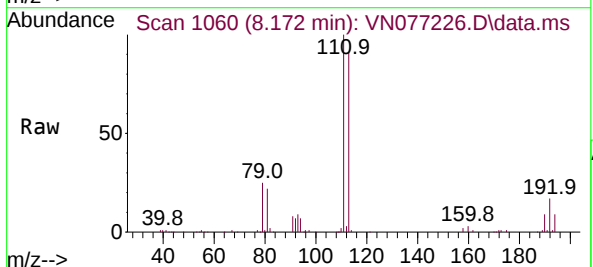
Tgt Ion:113 Resp: 238288

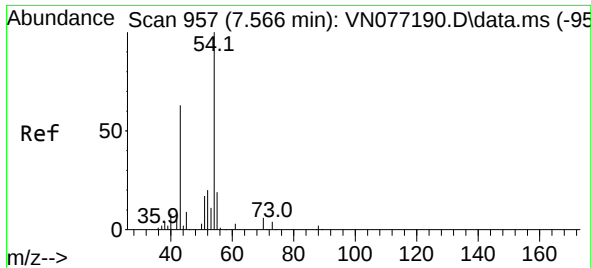
Ion Ratio Lower Upper

113 100

111 108.1 81.8 122.8

192 17.9 13.9 20.9

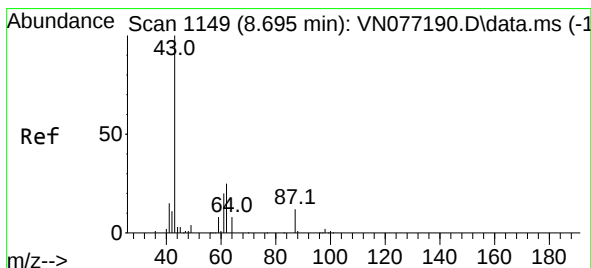
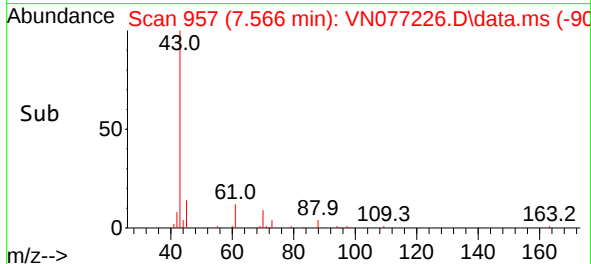
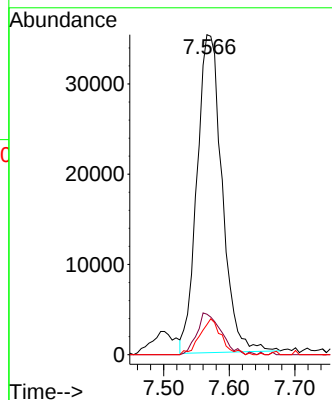
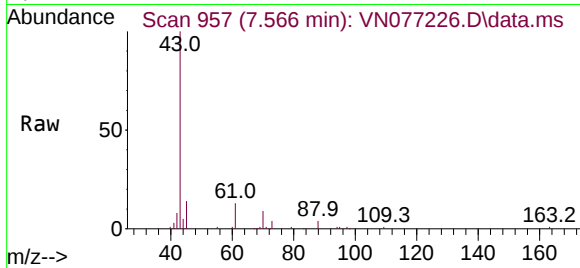




#37
Ethyl Acetate
Concen: 11.634 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077226.D
Acq: 28 Mar 2023 01:31

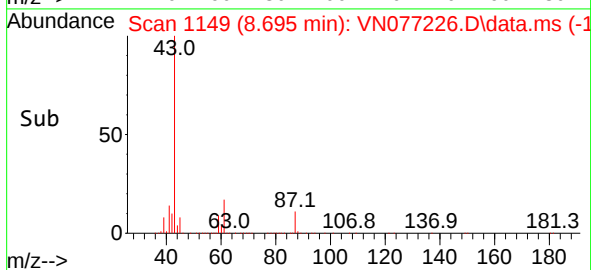
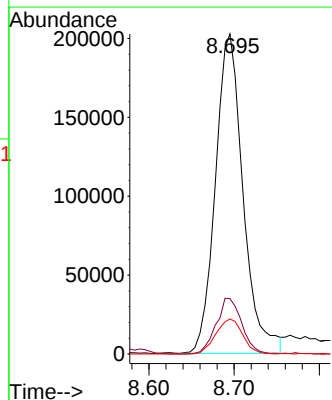
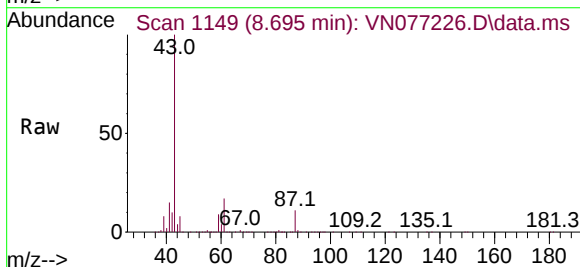
Instrument :
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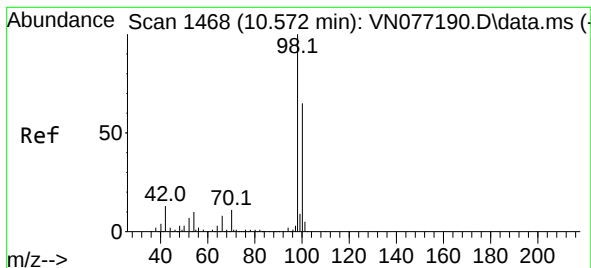
Tgt Ion: 43 Resp: 93725
Ion Ratio Lower Upper
43 100
61 12.5 13.5 20.3#
70 9.7 11.0 16.6#



#43
Isopropyl Acetate
Concen: 35.184 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077226.D
Acq: 28 Mar 2023 01:31

Tgt Ion: 43 Resp: 457283
Ion Ratio Lower Upper
43 100
61 16.1 26.2 39.2#
87 10.5 14.8 22.2#

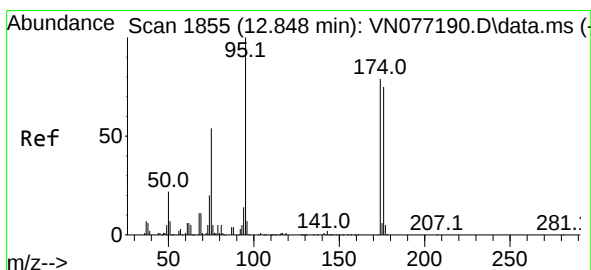
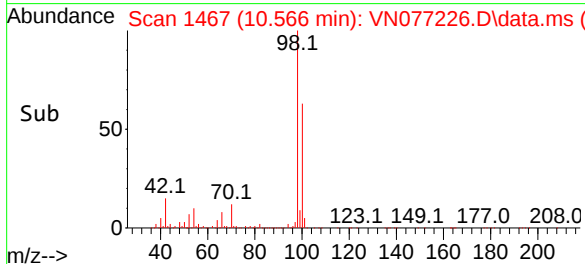
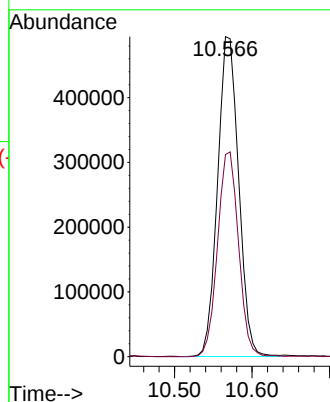
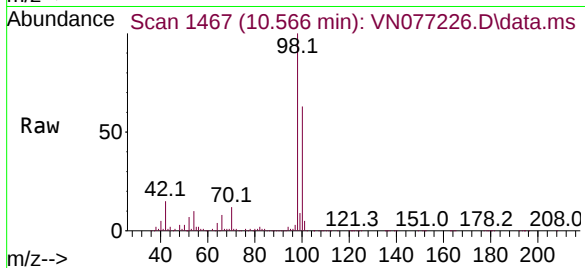




#50
Toluene-d8
Concen: 47.951 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077226.D
Acq: 28 Mar 2023 01:31

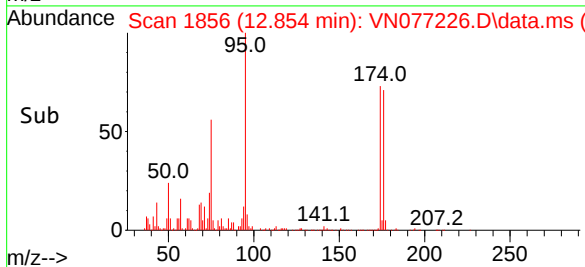
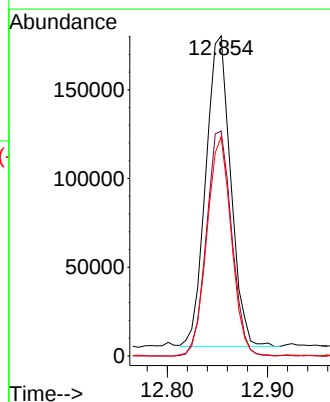
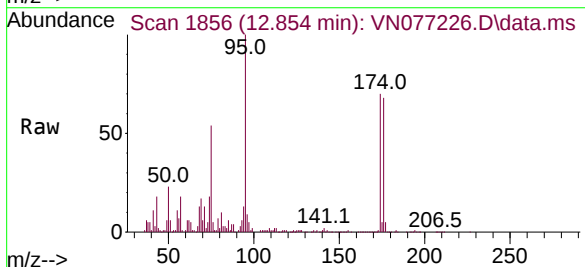
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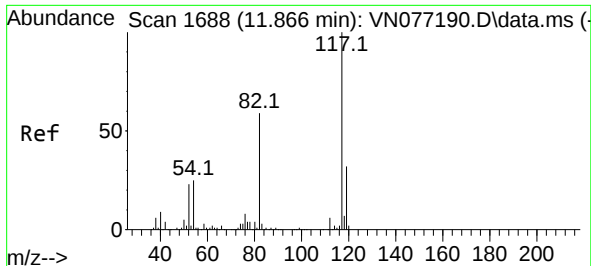
Tgt Ion: 98 Resp: 933059
Ion Ratio Lower Upper
98 100
100 63.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.293 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077226.D
Acq: 28 Mar 2023 01:31

Tgt Ion: 95 Resp: 302026
Ion Ratio Lower Upper
95 100
174 73.6 0.0 162.4
176 69.4 0.0 157.4

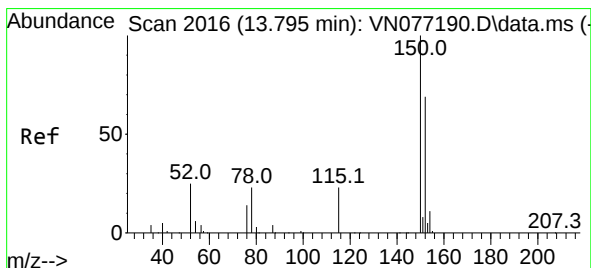
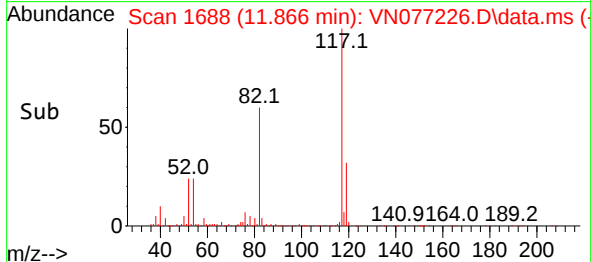
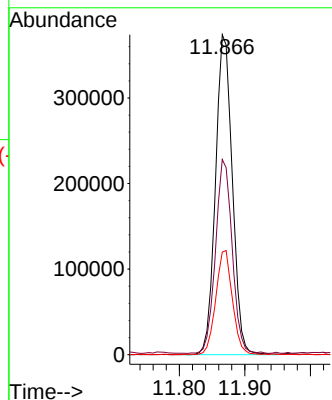
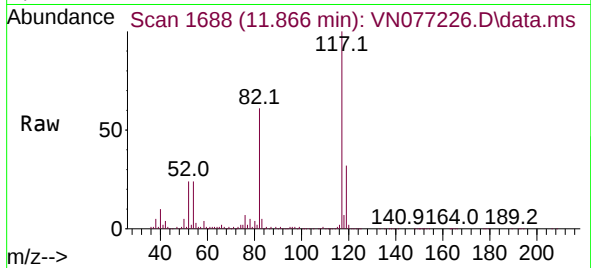




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077226.D
Acq: 28 Mar 2023 01:31

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 665058
Ion Ratio Lower Upper
117 100
82 60.5 43.5 65.3
119 32.0 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: VN077226.D
Acq: 28 Mar 2023 01:31

Tgt Ion:152 Resp: 244780
Ion Ratio Lower Upper
152 100
115 62.8 30.3 90.9
150 160.3 0.0 353.6

