

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076911.D
 Acq On : 09 Mar 2023 18:52
 Operator : JC\MD
 Sample : PB151321ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151321ZHE#04

Quant Time: Mar 10 03:50:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

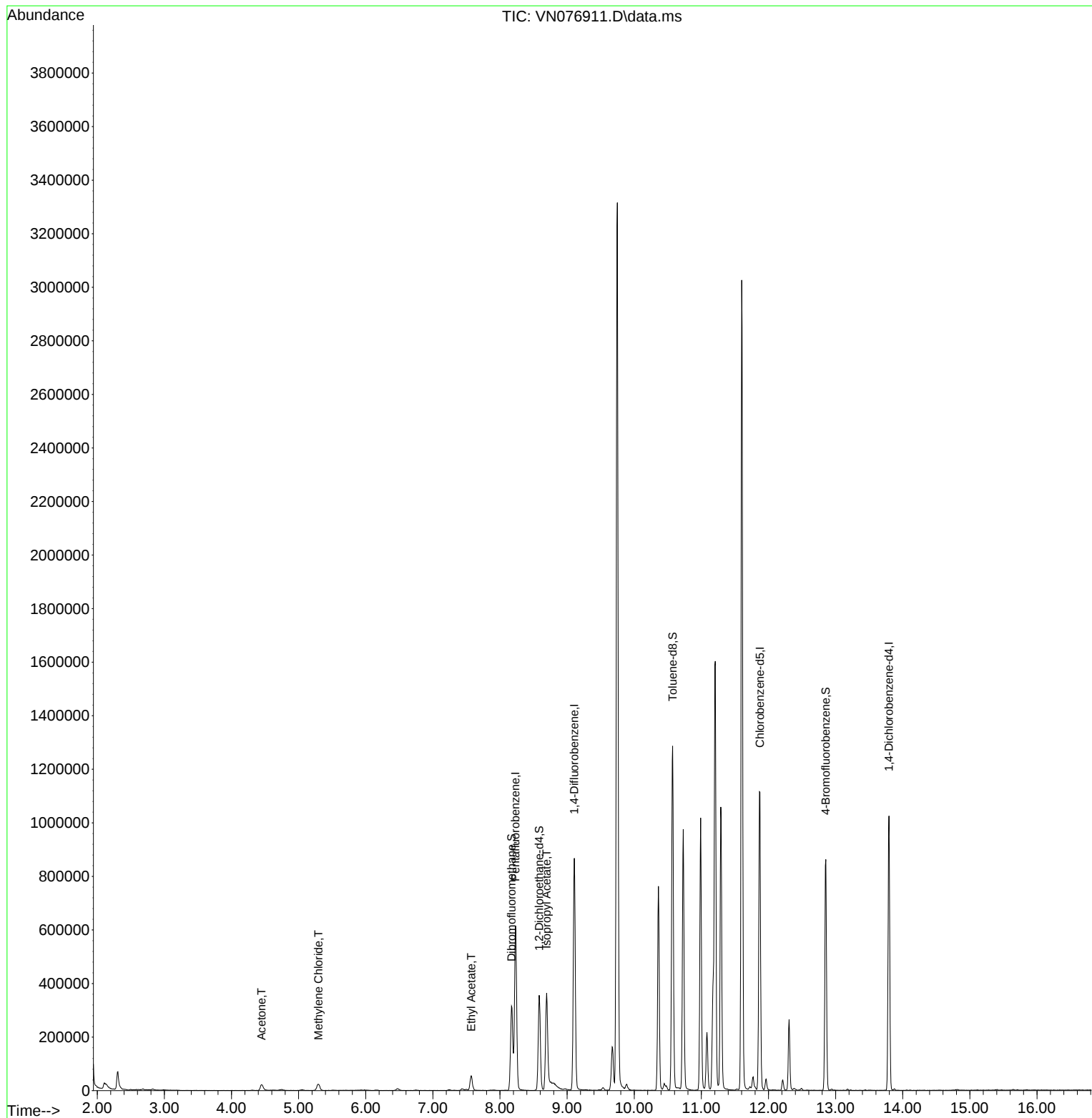
Internal Standards						
1) Pentafluorobenzene	8.230	168	428795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	744523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	659543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	274578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	301282	50.115	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.220%		
35) Dibromofluoromethane	8.172	113	228090	48.972	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.940%		
50) Toluene-d8	10.571	98	893544	49.796	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.600%		
62) 4-Bromofluorobenzene	12.854	95	316104	50.838	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.680%		
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	44181	16.836	ug/l #	85
20) Methylene Chloride	5.295	84	19426	3.173	ug/l #	78
37) Ethyl Acetate	7.572	43	80859	10.523	ug/l	97
43) Isopropyl Acetate	8.695	43	432060	36.730	ug/l #	79

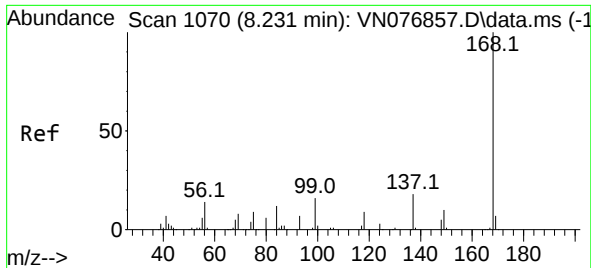
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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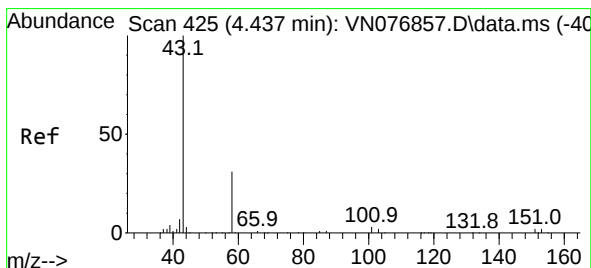
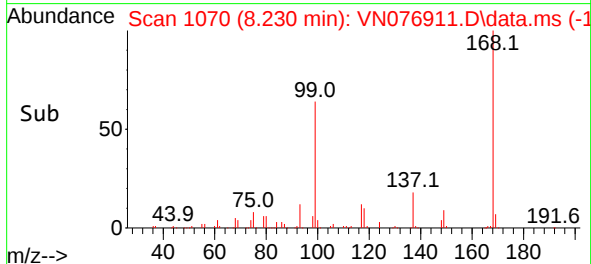
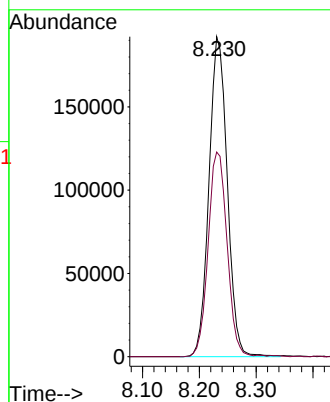
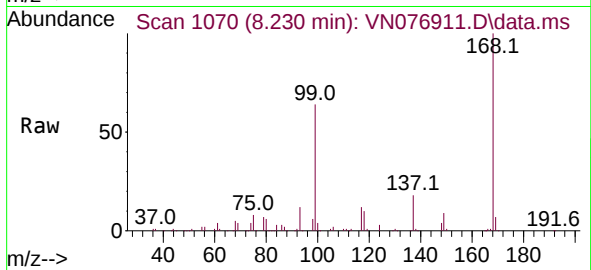




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076911.D
Acq: 09 Mar 2023 18:52

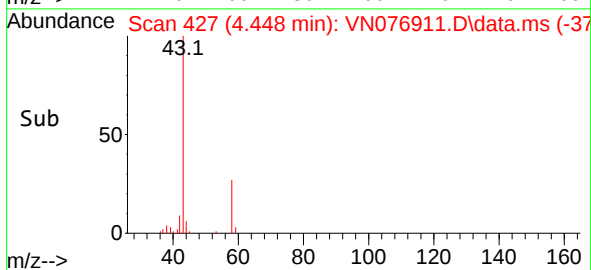
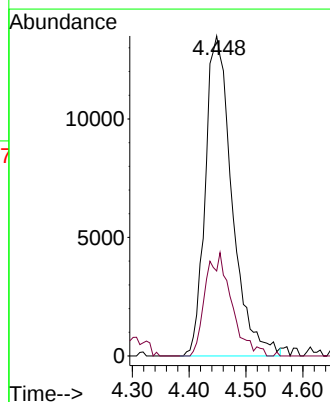
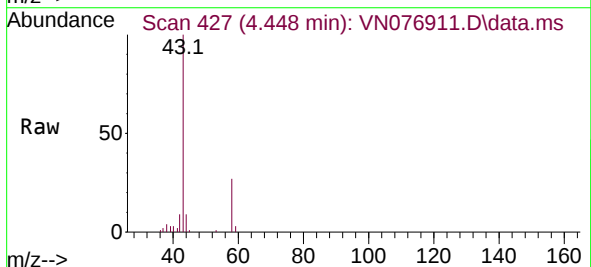
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#04

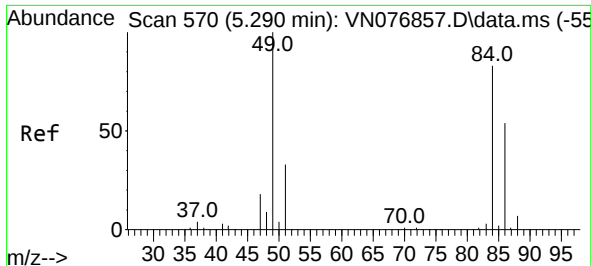
Tgt Ion:168 Resp: 428795
Ion Ratio Lower Upper
168 100
99 63.9 48.6 73.0



#16
Acetone
Concen: 16.836 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN076911.D
Acq: 09 Mar 2023 18:52

Tgt Ion: 43 Resp: 44181
Ion Ratio Lower Upper
43 100
58 26.6 28.2 42.2#

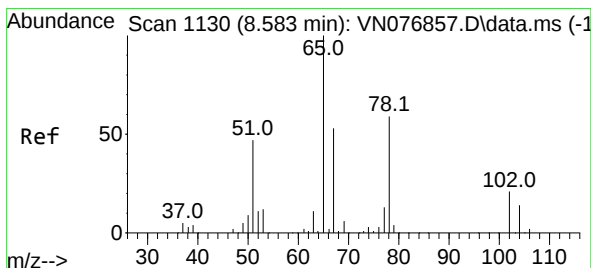
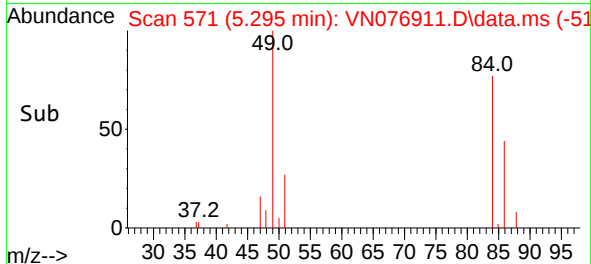
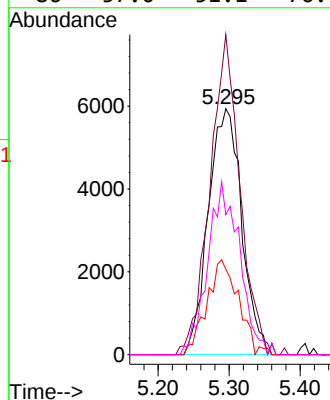
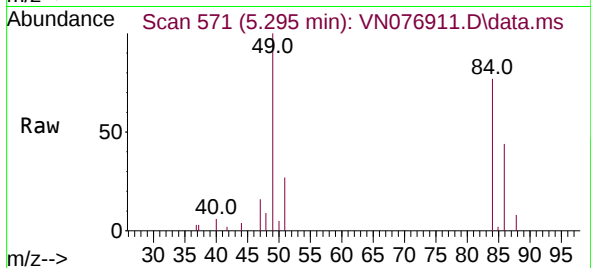




#20
Methylene Chloride
Concen: 3.173 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN076911.D
Acq: 09 Mar 2023 18:52

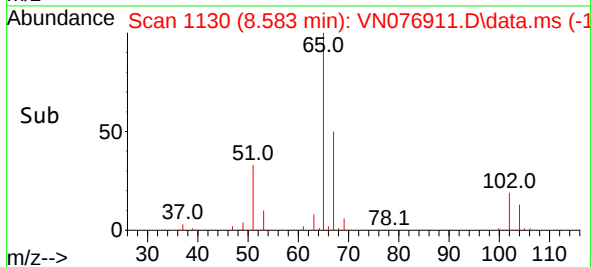
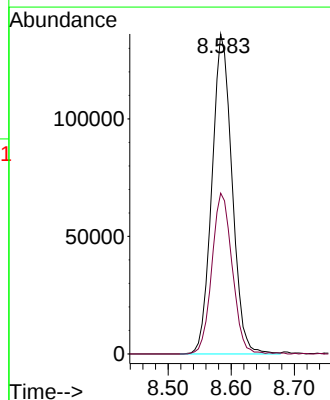
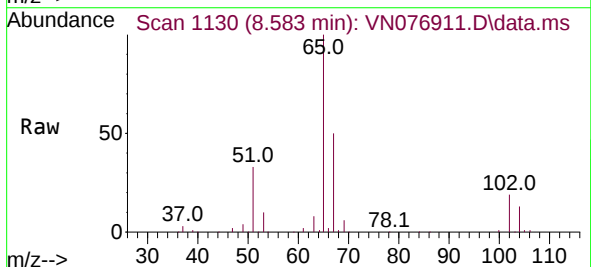
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#04

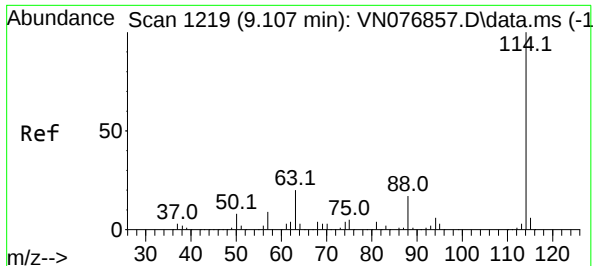
Tgt Ion:	84	Resp:	19426
Ion	Ratio	Lower	Upper
84	100		
49	130.2	76.6	114.8#
51	34.8	25.4	38.2
86	57.0	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.115 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076911.D
Acq: 09 Mar 2023 18:52

Tgt Ion:	65	Resp:	301282
Ion	Ratio	Lower	Upper
65	100		
67	50.7	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: VN076911.D

Acq: 09 Mar 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

PB151321ZHE#04

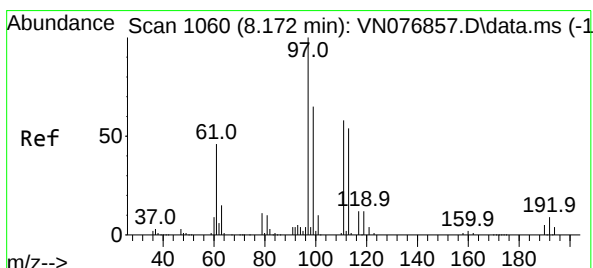
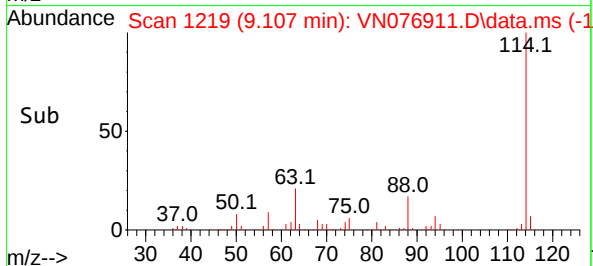
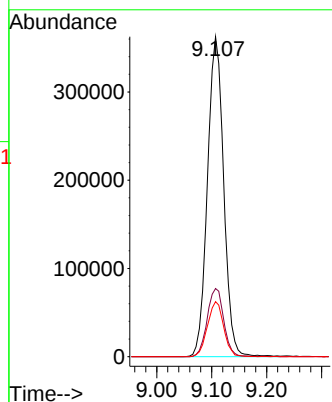
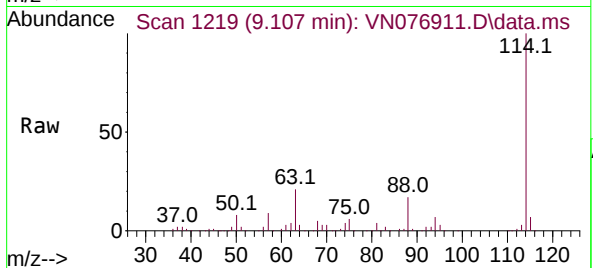
Tgt Ion:114 Resp: 744523

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.6

88 17.2 0.0 28.6



#35

Dibromofluoromethane

Concen: 48.972 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076911.D

Acq: 09 Mar 2023 18:52

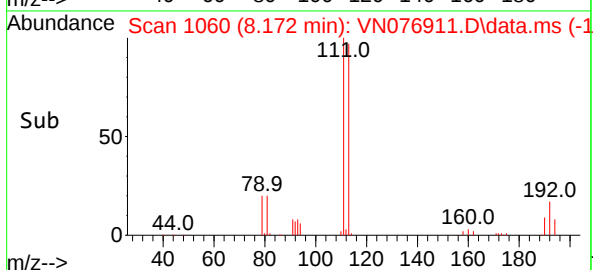
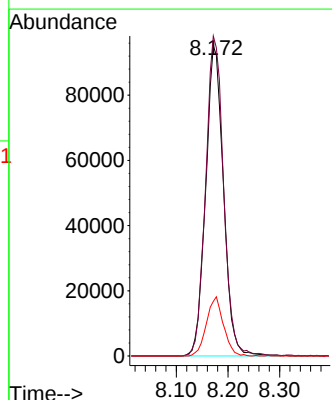
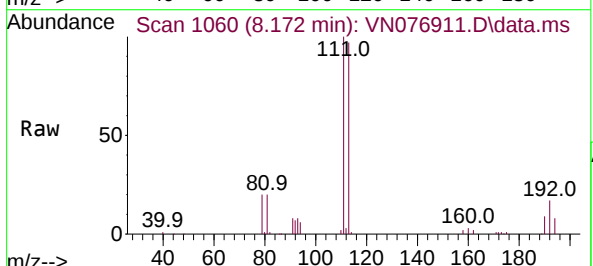
Tgt Ion:113 Resp: 228090

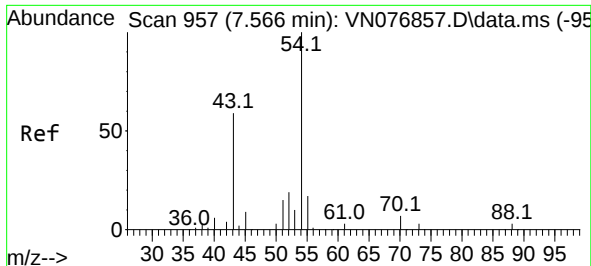
Ion Ratio Lower Upper

113 100

111 104.0 81.8 122.8

192 18.2 13.9 20.9

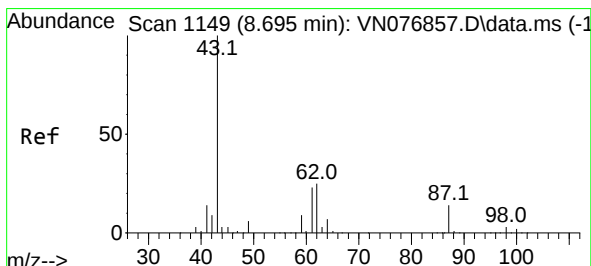
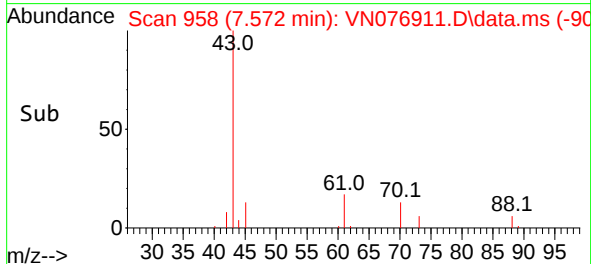
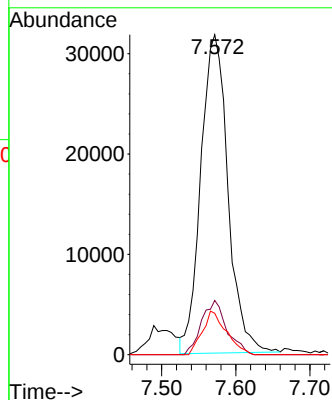
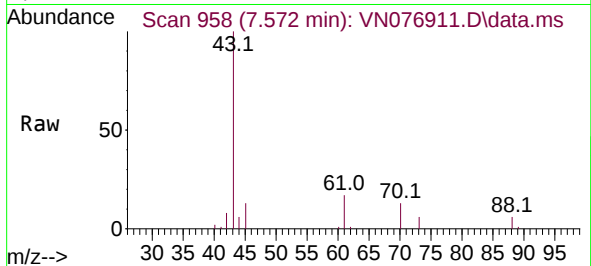




#37
Ethyl Acetate
Concen: 10.523 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076911.D
Acq: 09 Mar 2023 18:52

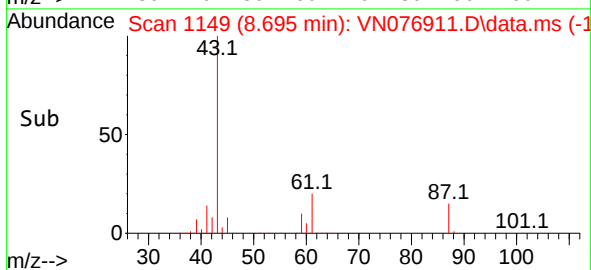
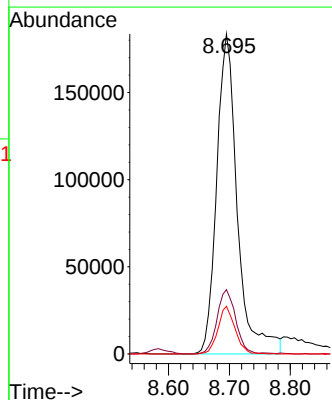
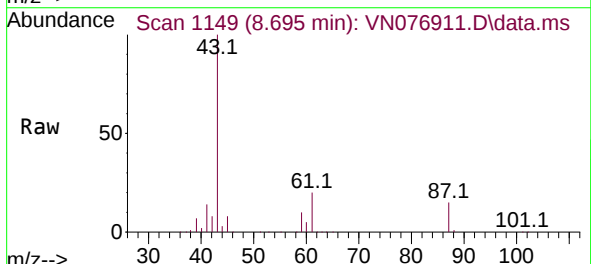
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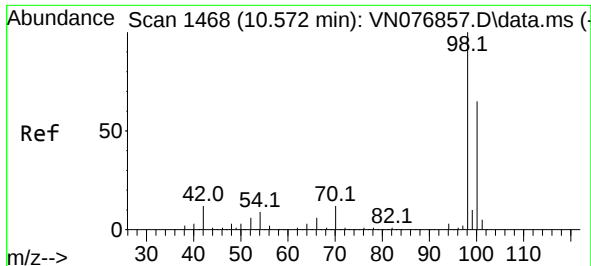
Tgt Ion:	43	Resp:	80859
Ion	Ratio	Lower	Upper
43	100		
61	15.8	13.5	20.3
70	12.1	11.0	16.6



#43
Isopropyl Acetate
Concen: 36.730 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076911.D
Acq: 09 Mar 2023 18:52

Tgt Ion:	43	Resp:	432060
Ion	Ratio	Lower	Upper
43	100		
61	18.2	26.2	39.2#
87	12.3	14.8	22.2#

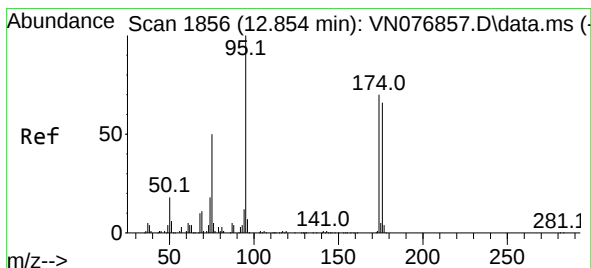
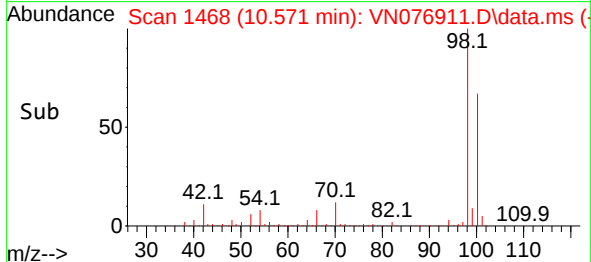
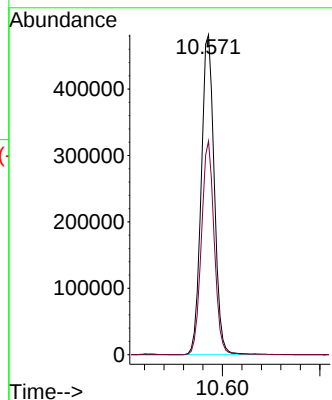
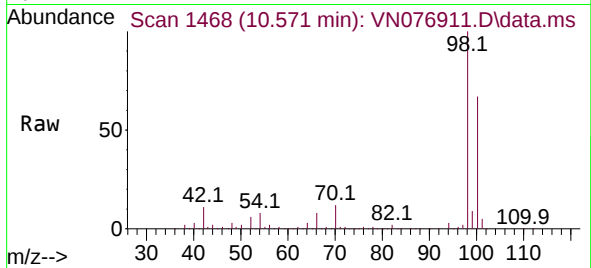




#50
Toluene-d8
Concen: 49.796 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN076911.D
Acq: 09 Mar 2023 18:52

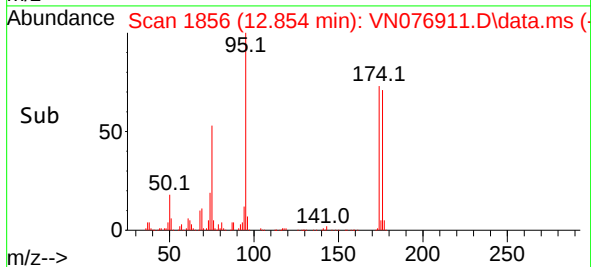
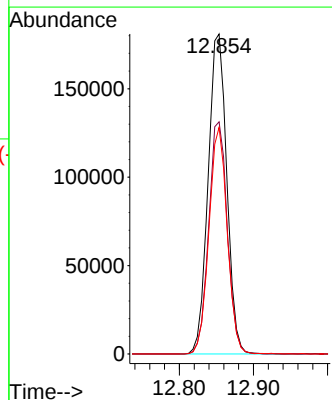
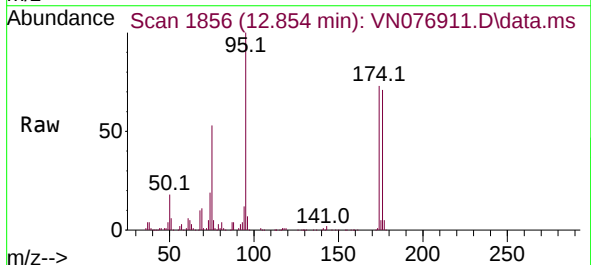
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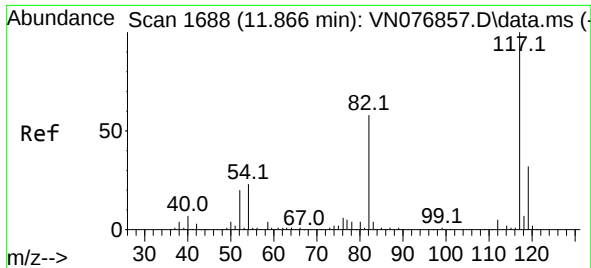
Tgt Ion: 98 Resp: 893544
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.838 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076911.D
Acq: 09 Mar 2023 18:52

Tgt Ion: 95 Resp: 316104
Ion Ratio Lower Upper
95 100
174 72.6 0.0 162.4
176 69.3 0.0 157.4

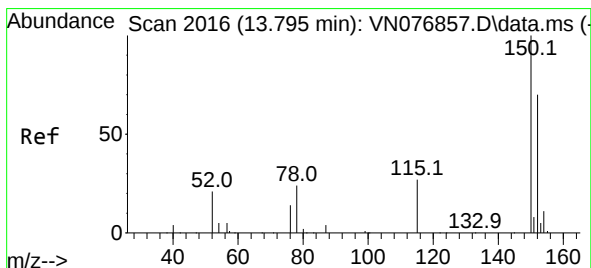
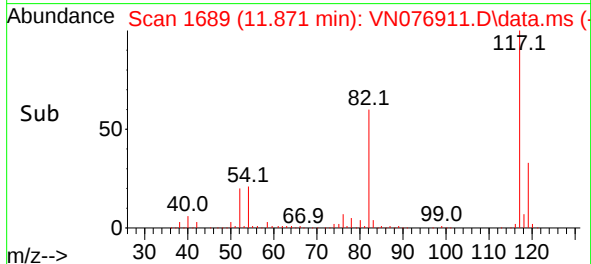
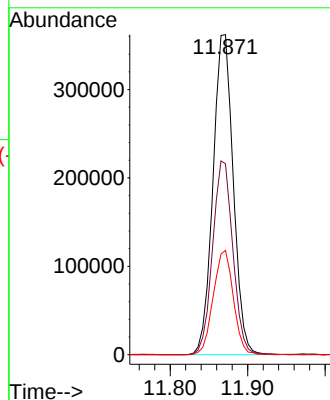
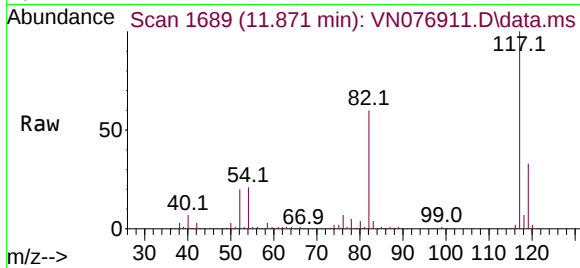




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN076911.D
Acq: 09 Mar 2023 18:52

Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#04

Tgt Ion:117 Resp: 659543
Ion Ratio Lower Upper
117 100
82 59.7 43.5 65.3
119 32.6 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: VN076911.D
Acq: 09 Mar 2023 18:52

Tgt Ion:152 Resp: 274578
Ion Ratio Lower Upper
152 100
115 65.1 30.3 90.9
150 157.6 0.0 353.6

