

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076708.D
 Acq On : 16 Feb 2023 13:51
 Operator : JC\MD
 Sample : PB150848TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150848TB

Quant Time: Feb 17 00:09:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

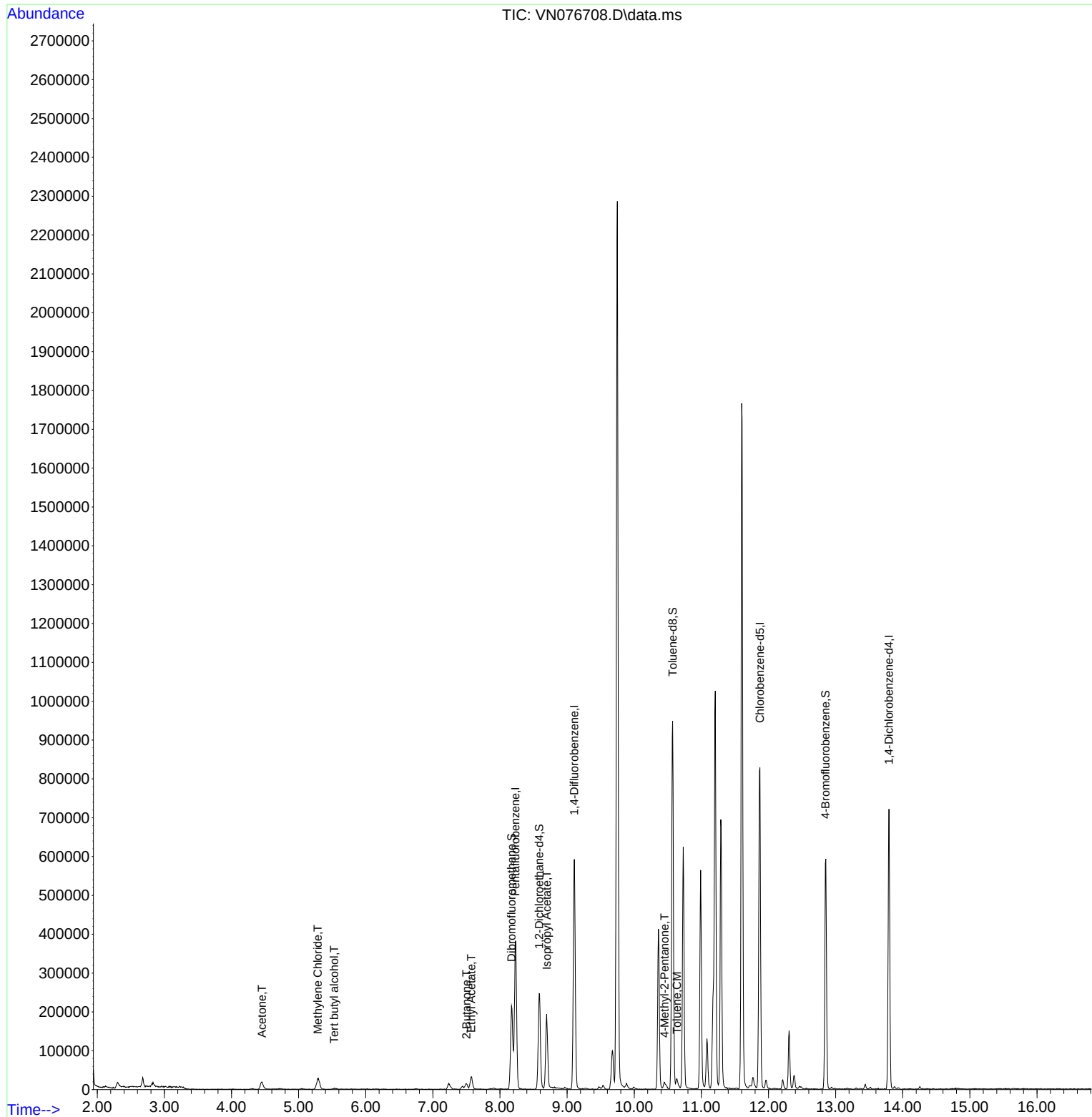
Internal Standards						
1) Pentafluorobenzene	8.231	168	272500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	489296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	473799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	177135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	192478	51.153	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	102.300%	
35) Dibromofluoromethane	8.172	113	149288	46.590	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	93.180%	
50) Toluene-d8	10.572	98	633401	52.931	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	105.860%	
62) 4-Bromofluorobenzene	12.848	95	189599	47.837	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	95.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.531	59	4201	8.458	ug/l #	82
16) Acetone	4.454	43	38167	22.708	ug/l	95
20) Methylene Chloride	5.284	84	21211	6.021	ug/l #	95
25) 2-Butanone	7.501	43	24569	9.910	ug/l	98
37) Ethyl Acetate	7.572	43	48489	9.954	ug/l	99
43) Isopropyl Acetate	8.695	43	213606	26.949	ug/l #	89
51) 4-Methyl-2-Pentanone	10.454	43	19565	3.880	ug/l #	72
52) Toluene	10.636	92	10824	1.261	ug/l	89

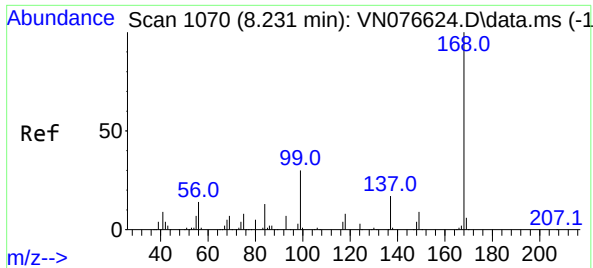
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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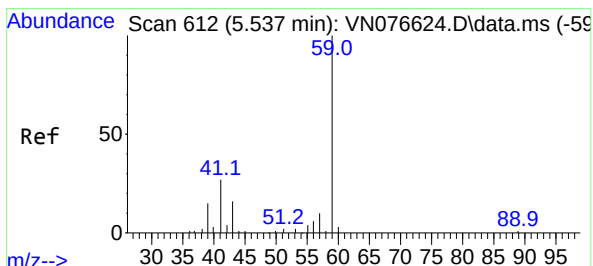
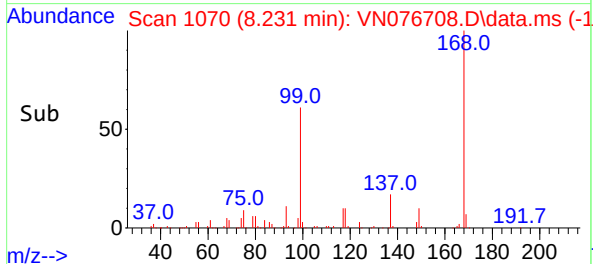
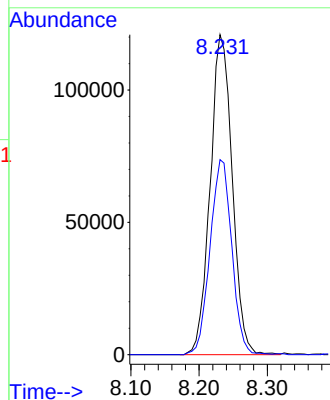
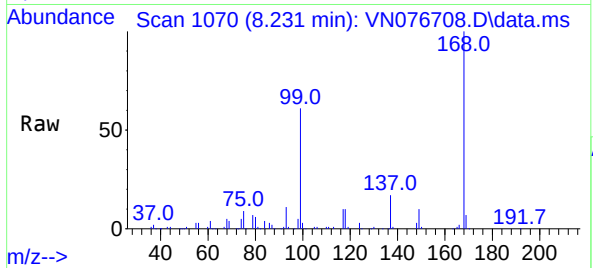




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

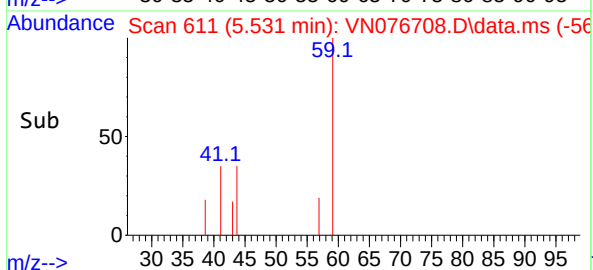
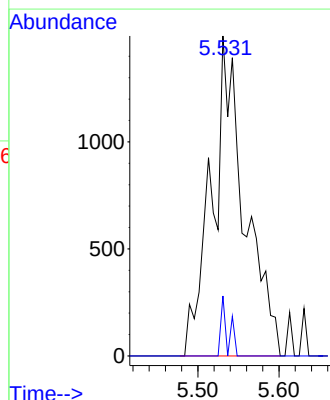
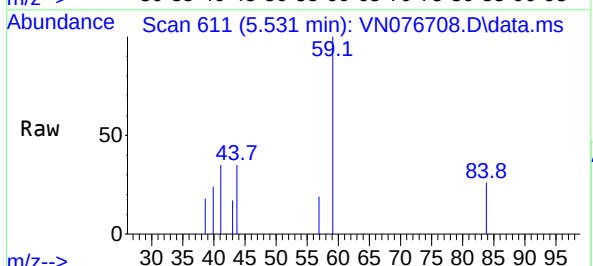
Instrument :
MSVOA_N
ClientSampleId :
PB150848TB

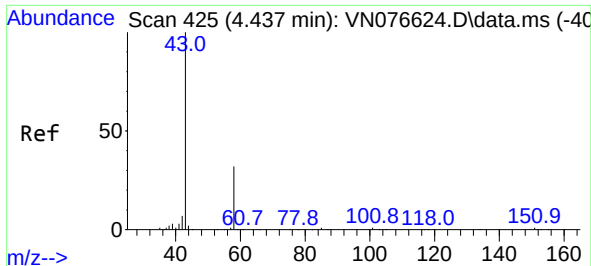
Tgt Ion:168 Resp: 272500
Ion Ratio Lower Upper
168 100
99 61.0 44.8 67.2



#11
Tert butyl alcohol
Concen: 8.458 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076708.D
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Tgt Ion: 59 Resp: 4201
Ion Ratio Lower Upper
59 100
57 3.9 8.7 13.1#

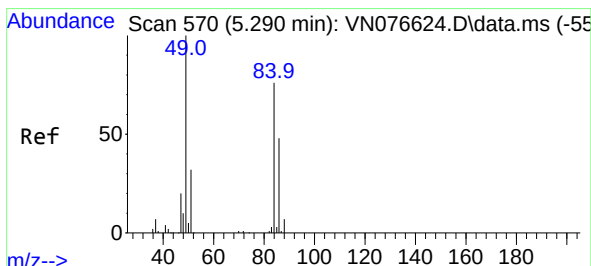
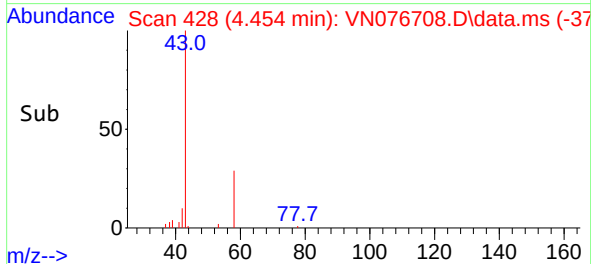
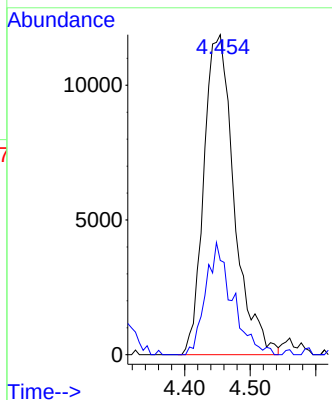
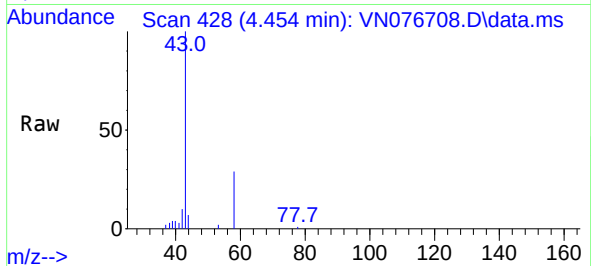




#16
Acetone
Concen: 22.708 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

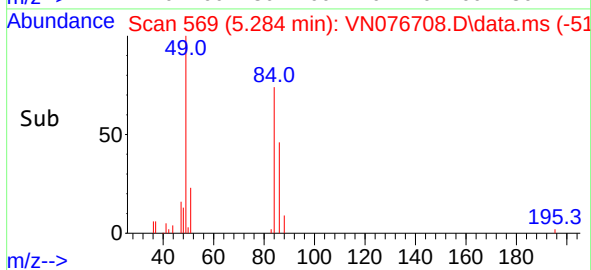
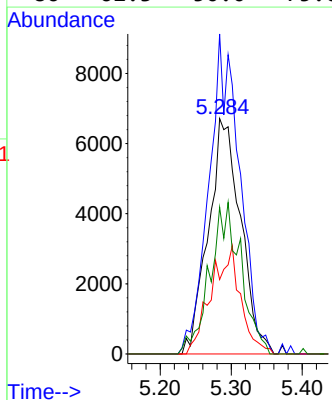
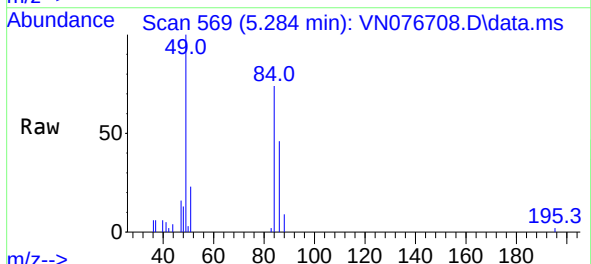
Instrument :
MSVOA_N
ClientSampleId :
PB150848TB

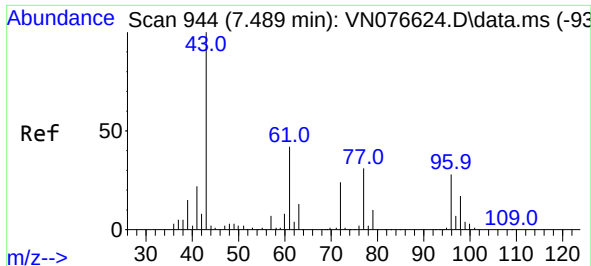
Tgt Ion: 43 Resp: 38167
Ion Ratio Lower Upper
43 100
58 29.5 25.9 38.9



#20
Methylene Chloride
Concen: 6.021 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

Tgt Ion: 84 Resp: 21211
Ion Ratio Lower Upper
84 100
49 135.9 104.9 157.3
51 31.6 33.8 50.8#
86 62.3 50.0 75.0

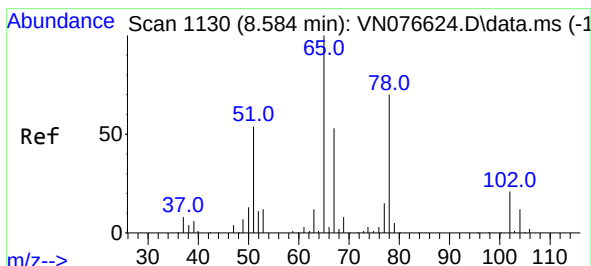
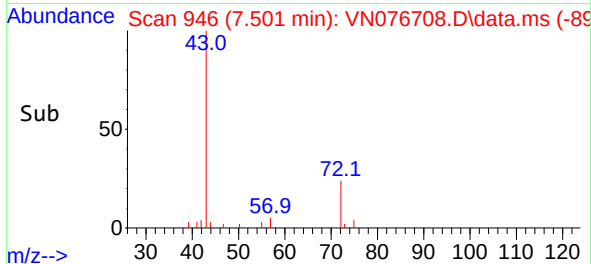
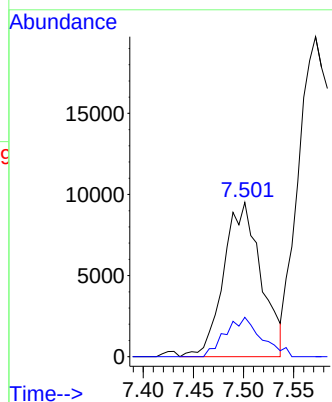
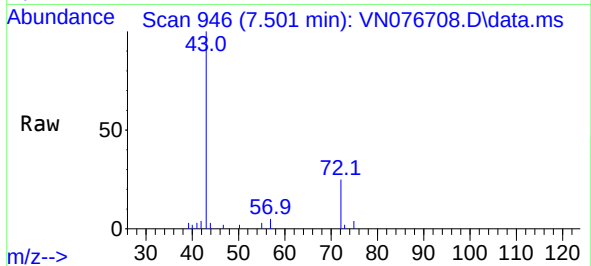




#25
2-Butanone
Concen: 9.910 ug/l
RT: 7.501 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

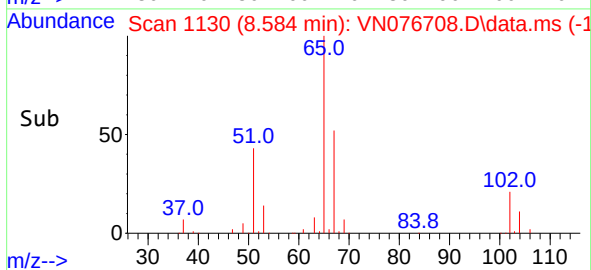
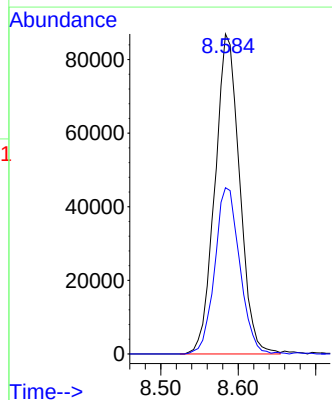
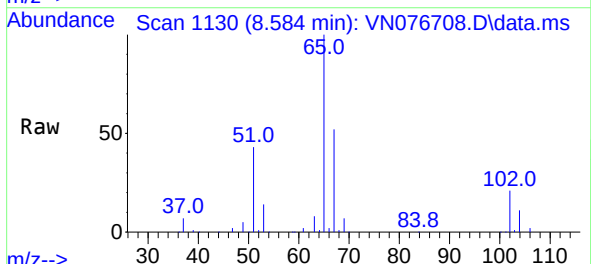
Instrument :
MSVOA_N
ClientSampleId :
PB150848TB

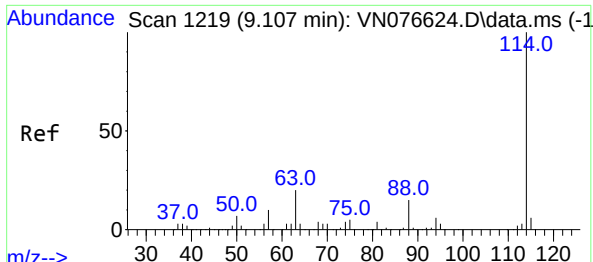
Tgt Ion: 43 Resp: 24569
Ion Ratio Lower Upper
43 100
72 25.5 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 51.153 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

Tgt Ion: 65 Resp: 192478
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.6

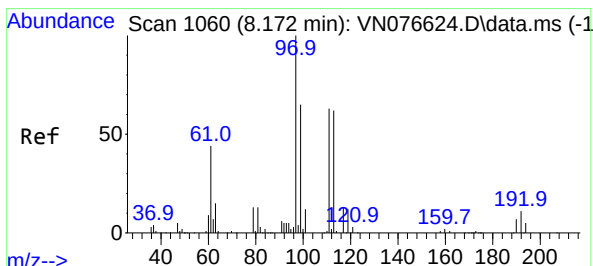
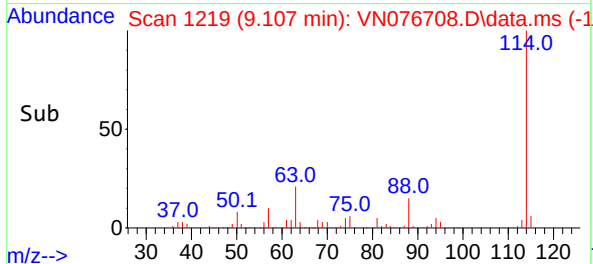
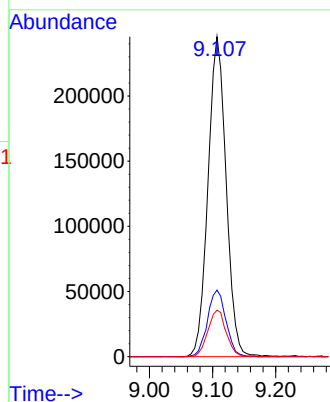
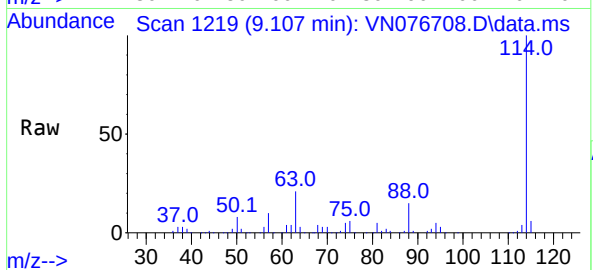




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

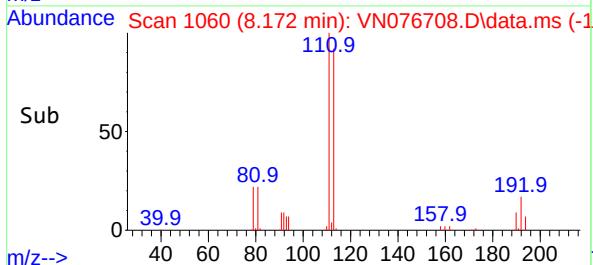
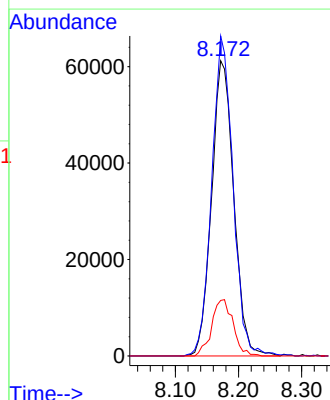
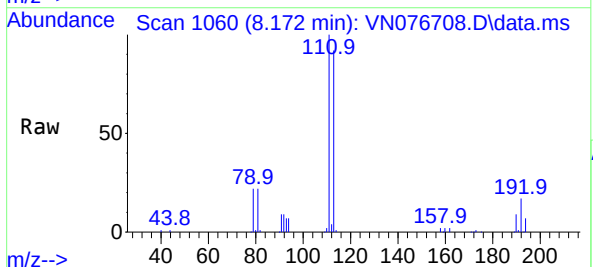
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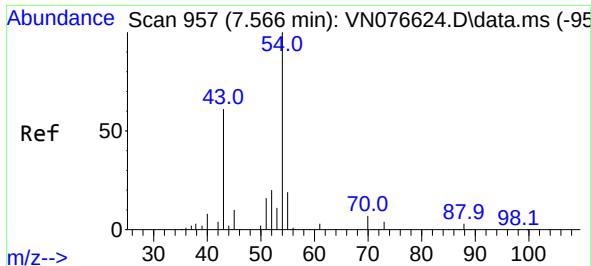
Tgt Ion:114 Resp: 489296
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.0
88 14.6 0.0 29.6



#35
Dibromofluoromethane
Concen: 46.590 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

Tgt Ion:113 Resp: 149288
Ion Ratio Lower Upper
113 100
111 104.1 83.1 124.7
192 18.4 15.6 23.4

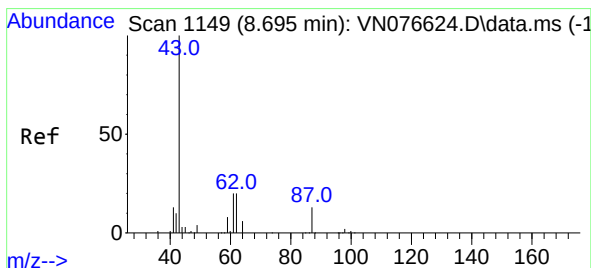
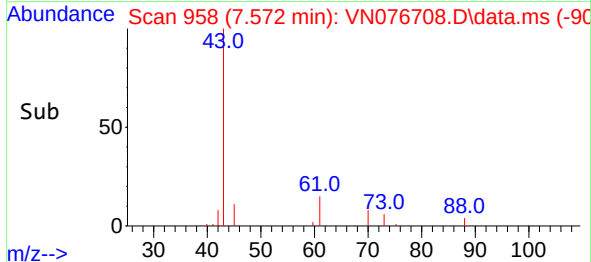
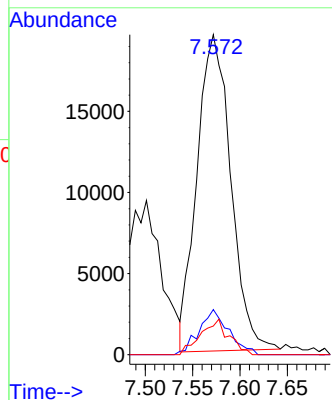
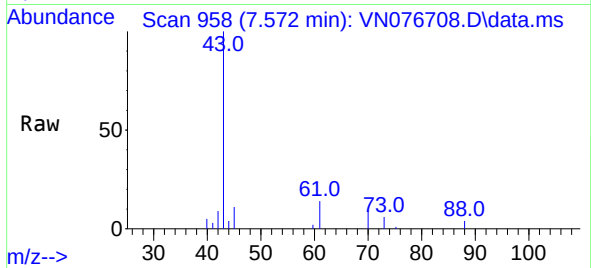




#37
Ethyl Acetate
Concen: 9.954 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

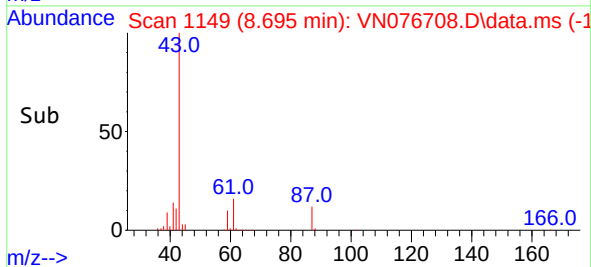
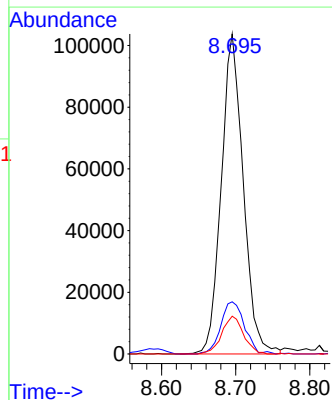
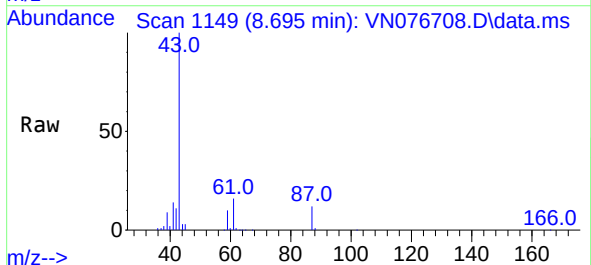
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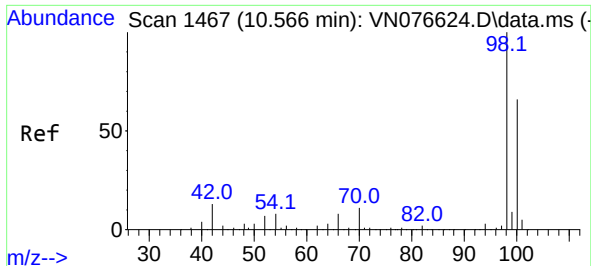
Tgt Ion: 43 Resp: 48489
Ion Ratio Lower Upper
43 100
61 12.5 9.9 14.9
70 9.4 7.8 11.6



#43
Isopropyl Acetate
Concen: 26.949 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

Tgt Ion: 43 Resp: 213606
Ion Ratio Lower Upper
43 100
61 17.4 20.0 30.0#
87 11.6 9.9 14.9

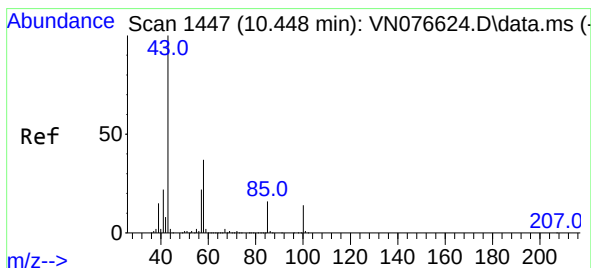
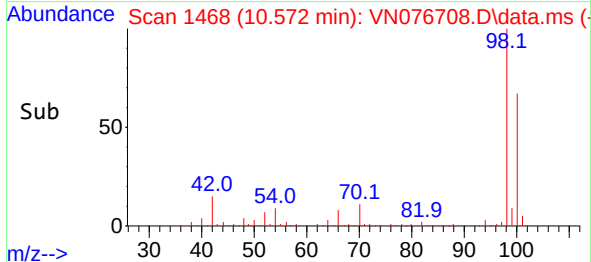
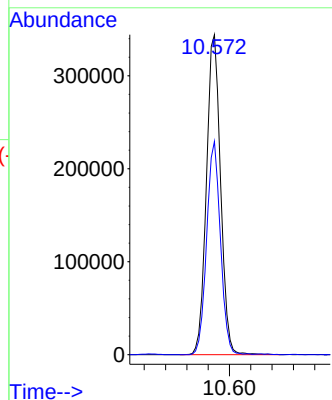
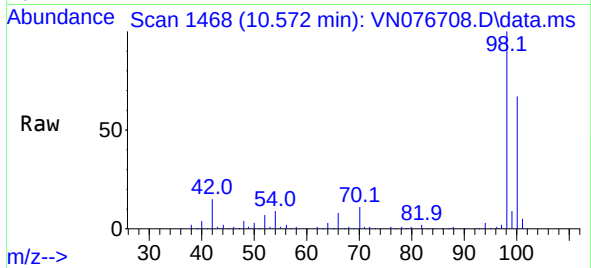




#50
Toluene-d8
Concen: 52.931 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

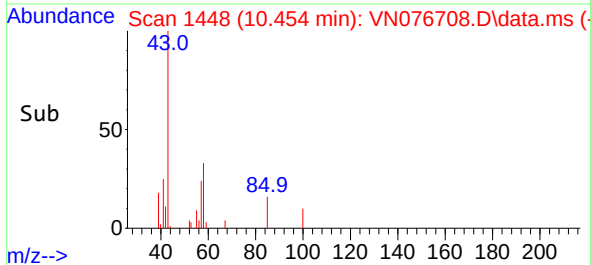
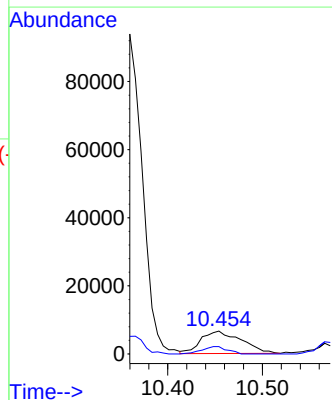
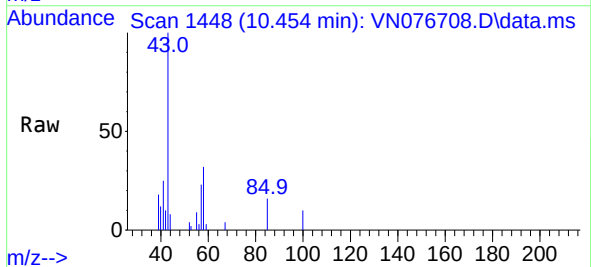
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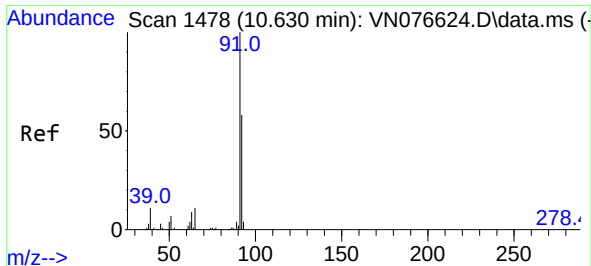
Tgt Ion: 98 Resp: 633401
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 3.880 ug/l
RT: 10.454 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

Tgt Ion: 43 Resp: 19565
Ion Ratio Lower Upper
43 100
58 20.5 29.5 44.3#

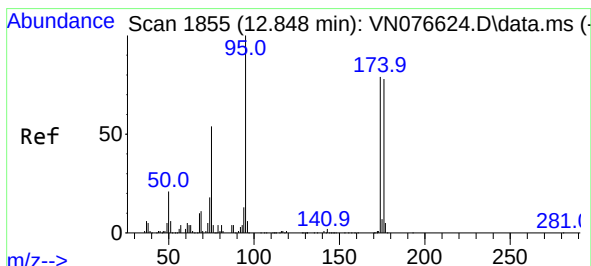
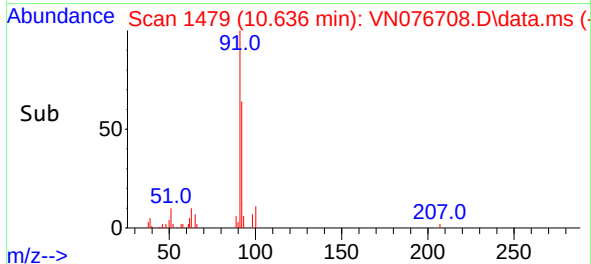
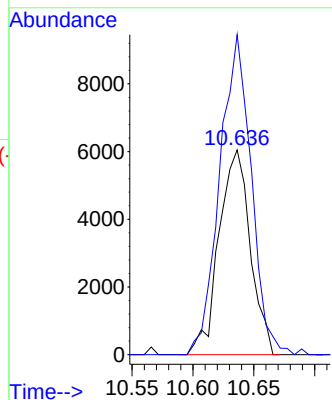
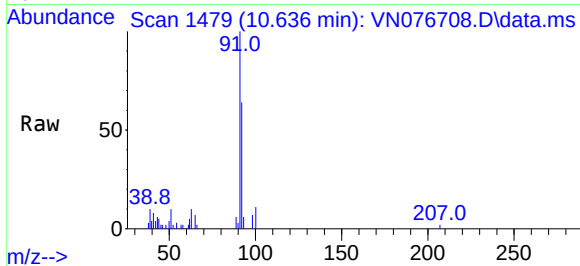




#52
Toluene
Concen: 1.261 ug/l
RT: 10.636 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

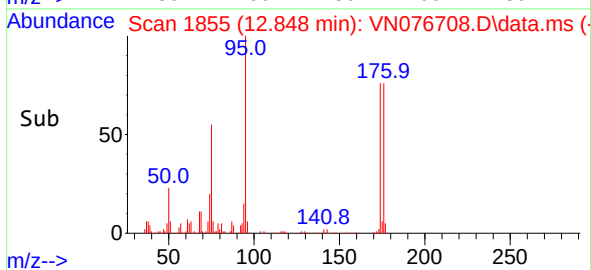
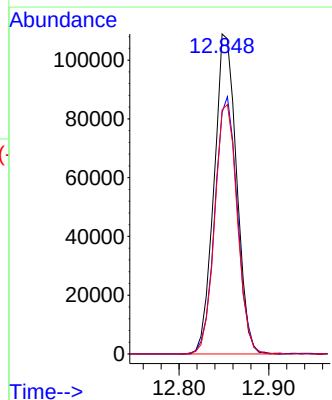
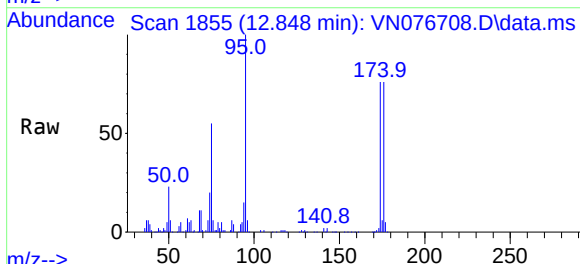
Instrument :
MSVOA_N
ClientSampleId :
PB150848TB

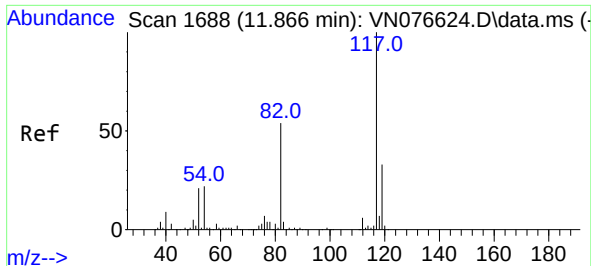
Tgt Ion: 92 Resp: 10824
Ion Ratio Lower Upper
92 100
91 157.9 138.0 207.0



#62
4-Bromofluorobenzene
Concen: 47.837 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

Tgt Ion: 95 Resp: 189599
Ion Ratio Lower Upper
95 100
174 80.2 0.0 169.2
176 78.2 0.0 163.4

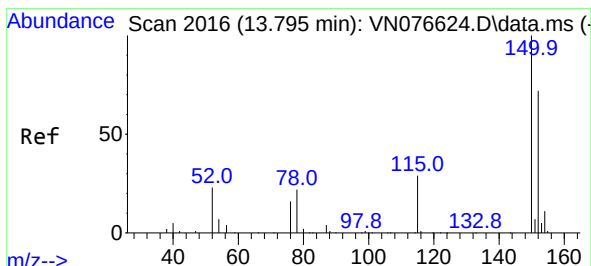
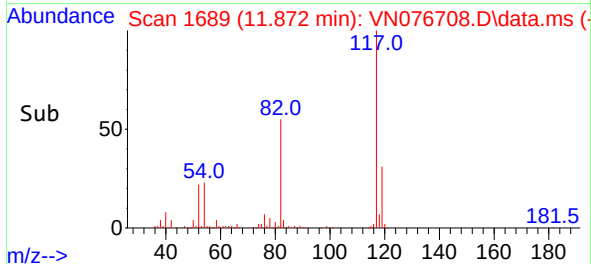
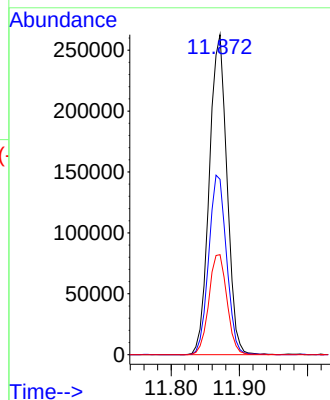
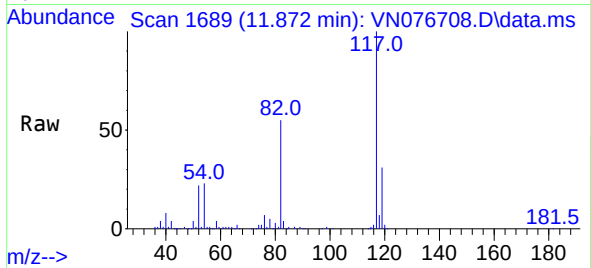




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

Instrument :
MSVOA_N
ClientSampleId :
PB150848TB

Tgt Ion:117 Resp: 473799
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.2
119 31.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076708.D
Acq: 16 Feb 2023 13:51

Tgt Ion:152 Resp: 177135
Ion Ratio Lower Upper
152 100
115 60.0 29.3 87.9
150 158.7 0.0 349.8

