

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062423\
 Data File : VN078391.D
 Acq On : 24 Jun 2023 13:49
 Operator : JC\MD
 Sample : PB153747TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153747TB

Quant Time: Jun 26 01:48:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

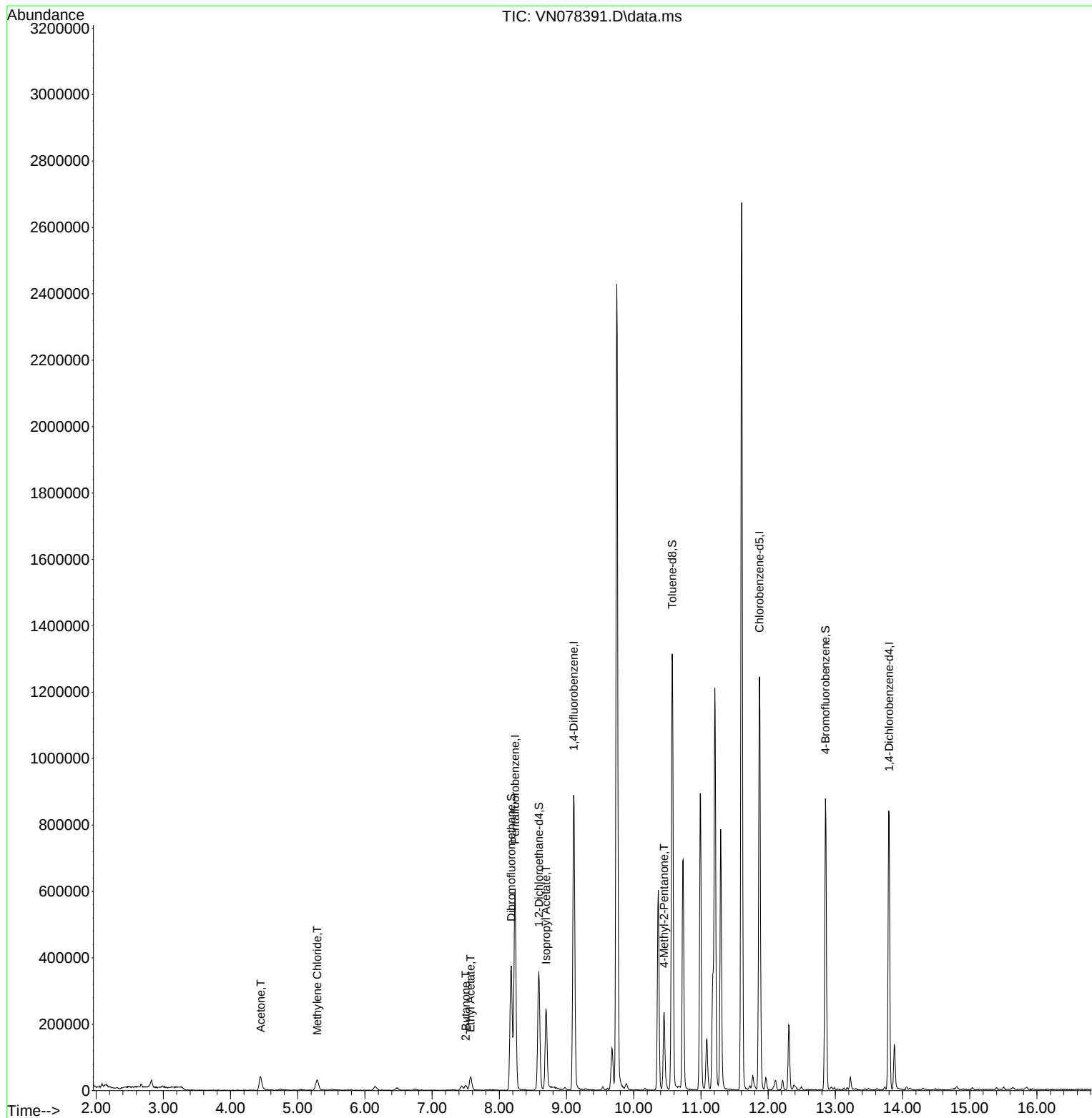
Internal Standards						
1) Pentafluorobenzene	8.236	168	430854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	796292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	748678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	234778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	294527	51.270	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.540%		
35) Dibromofluoromethane	8.177	113	277866	55.189	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.380%		
50) Toluene-d8	10.571	98	956939	49.302	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.600%		
62) 4-Bromofluorobenzene	12.853	95	308567	51.138	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.280%		
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	76802	46.448	ug/l	99
20) Methylene Chloride	5.289	84	26620	4.872	ug/l #	89
25) 2-Butanone	7.500	43	20752	8.161	ug/l #	69
37) Ethyl Acetate	7.571	43	60333	10.694	ug/l #	96
43) Isopropyl Acetate	8.694	43	276164	25.595	ug/l #	85
51) 4-Methyl-2-Pentanone	10.453	43	160430	28.236	ug/l	89

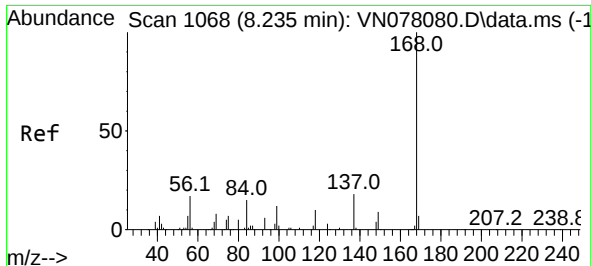
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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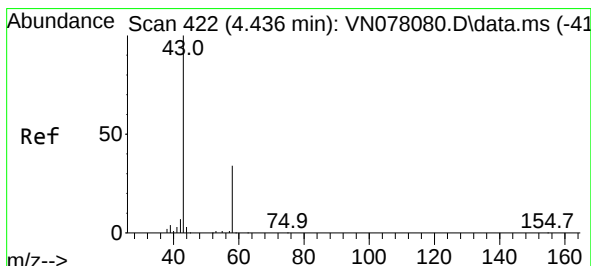
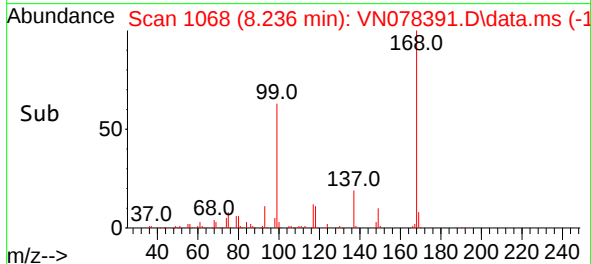
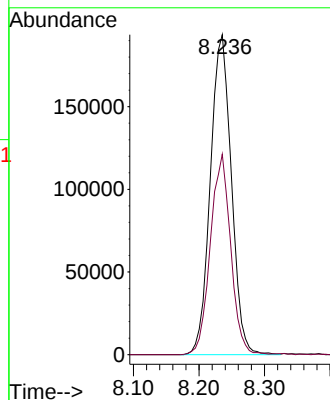
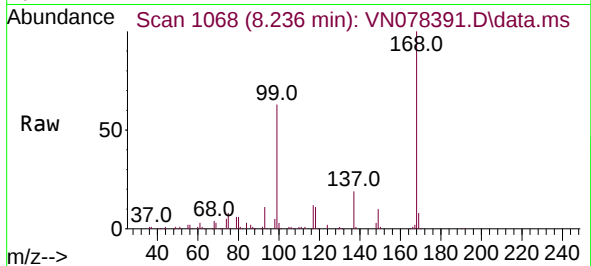




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

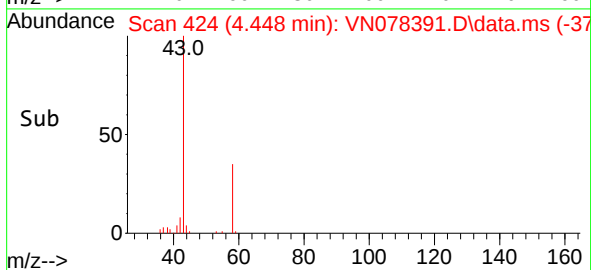
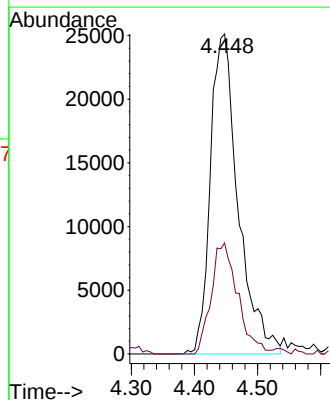
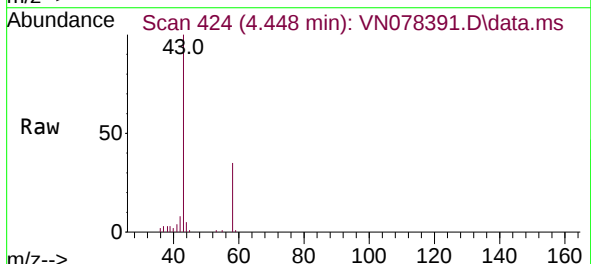
Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

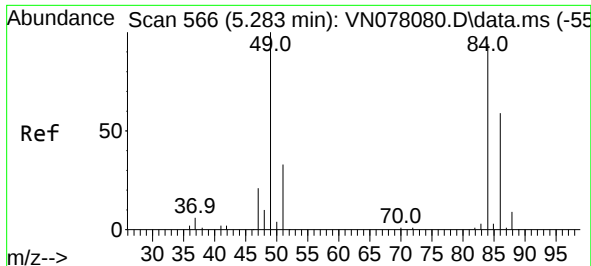
Tgt Ion:168 Resp: 430854
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6



#16
Acetone
Concen: 46.448 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 43 Resp: 76802
Ion Ratio Lower Upper
43 100
58 34.7 28.0 42.0

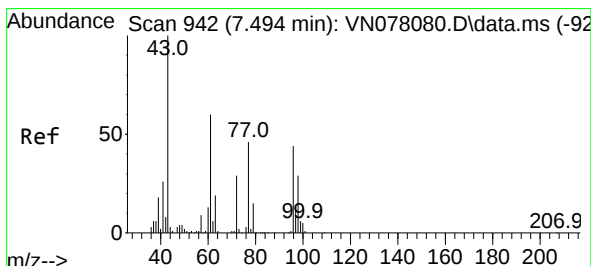
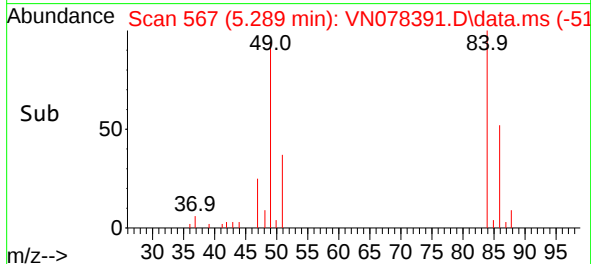
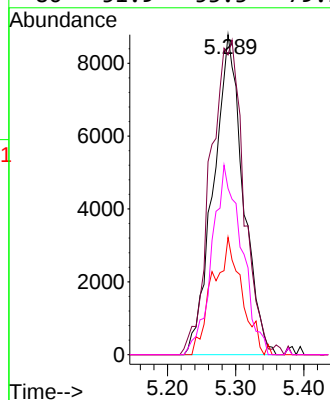
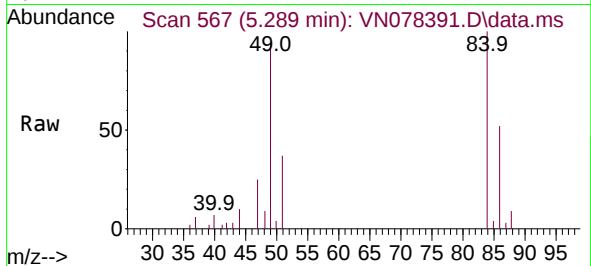




#20
Methylene Chloride
Concen: 4.872 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

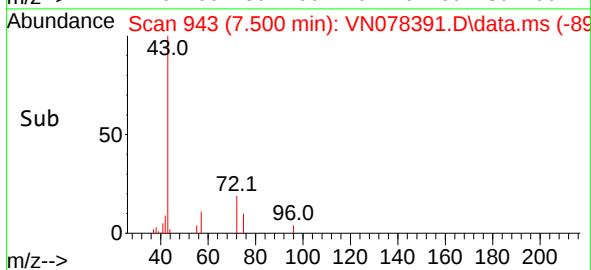
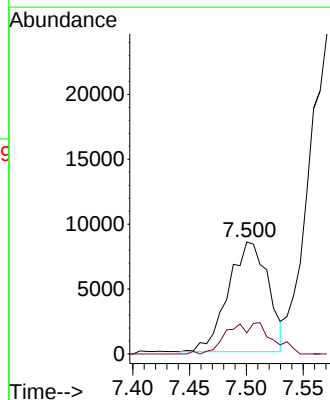
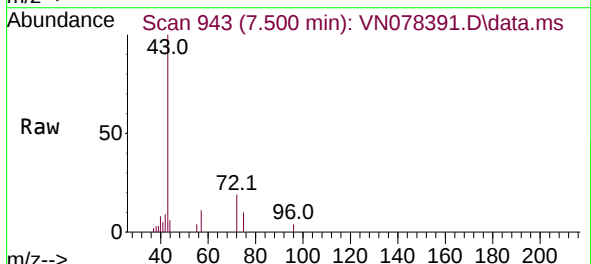
Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

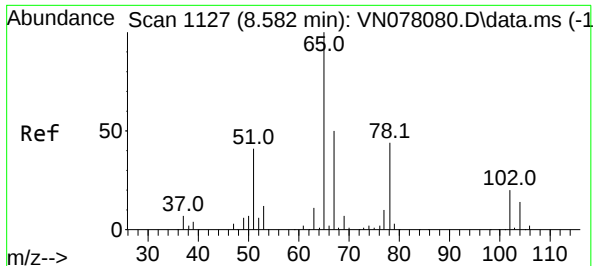
Tgt Ion:	84	Resp:	26620
Ion	Ratio	Lower	Upper
84	100		
49	93.7	79.7	119.5
51	36.7	25.2	37.8
86	51.9	53.3	79.9#



#25
2-Butanone
Concen: 8.161 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion:	43	Resp:	20752
Ion	Ratio	Lower	Upper
43	100		
72	19.2	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 51.270 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078391.D

Acq: 24 Jun 2023 13:49

Instrument :

MSVOA_N

ClientSampleId :

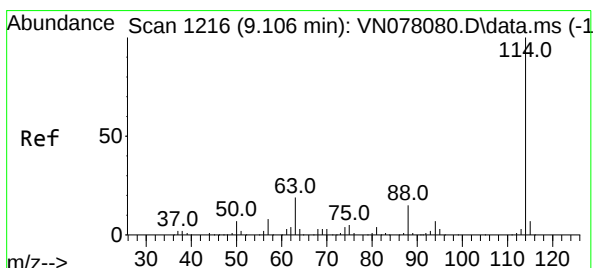
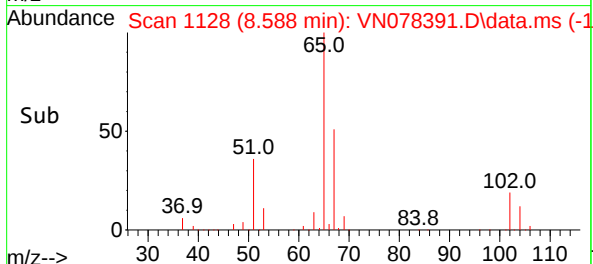
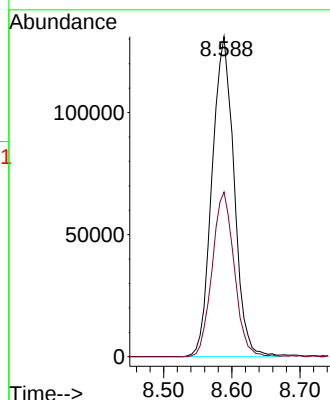
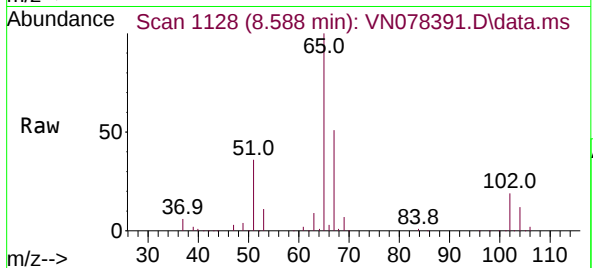
PB153747TB

Tgt Ion: 65 Resp: 294527

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078391.D

Acq: 24 Jun 2023 13:49

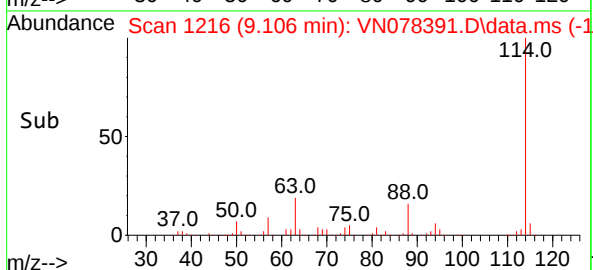
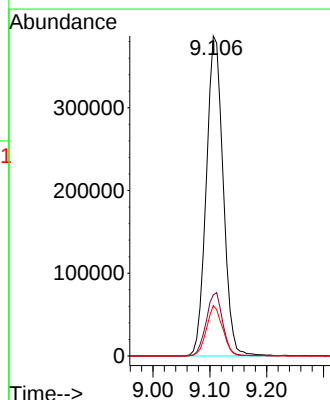
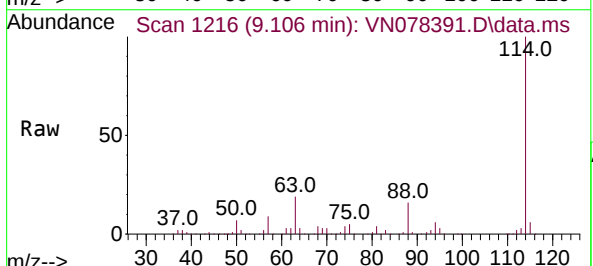
Tgt Ion: 114 Resp: 796292

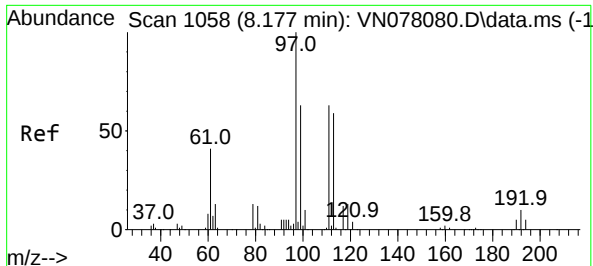
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.8 0.0 30.6

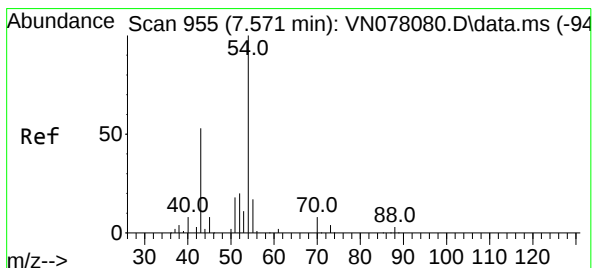
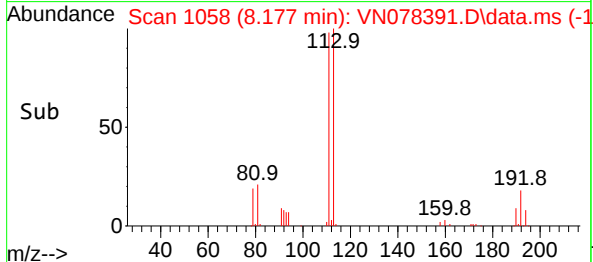
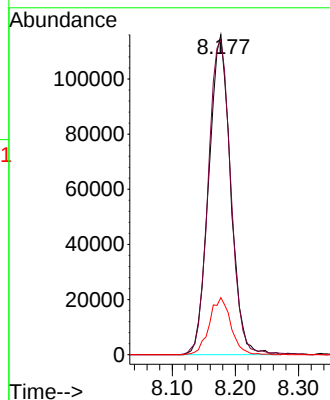
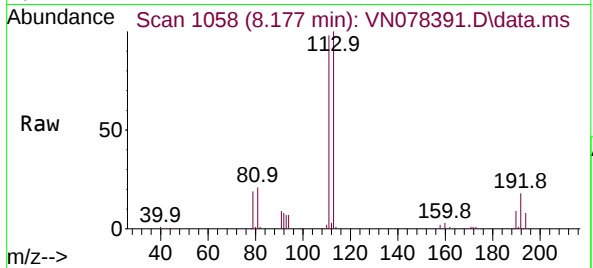




#35
Dibromofluoromethane
Concen: 55.189 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

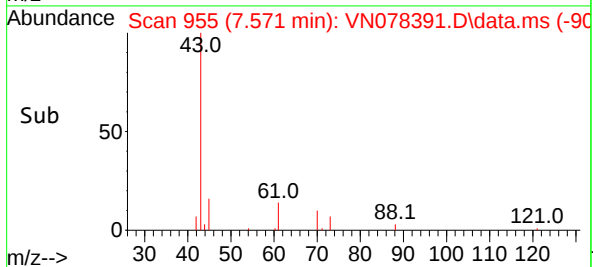
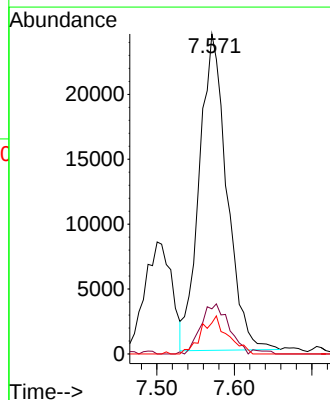
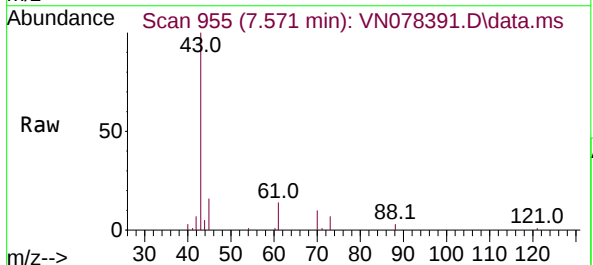
Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

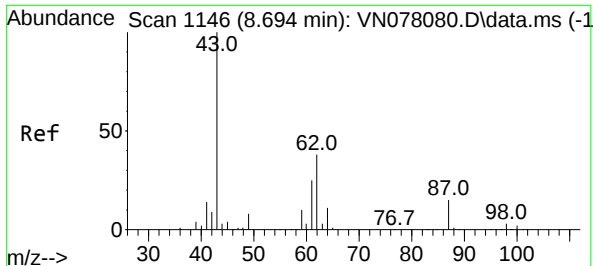
Tgt Ion:113 Resp: 277866
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 17.6 12.7 19.1



#37
Ethyl Acetate
Concen: 10.694 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 43 Resp: 60333
Ion Ratio Lower Upper
43 100
61 16.0 13.2 19.8
70 11.2 11.3 16.9#

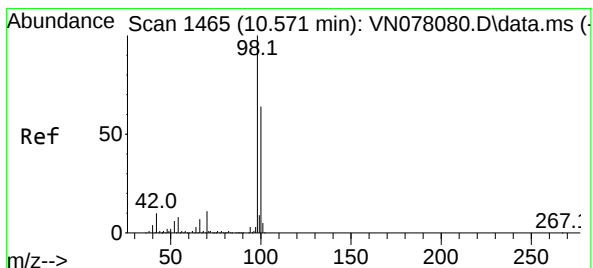
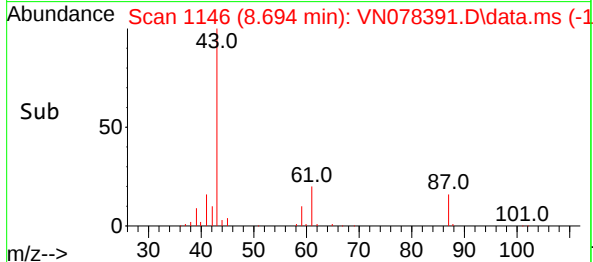
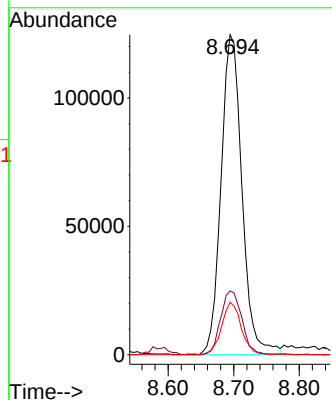
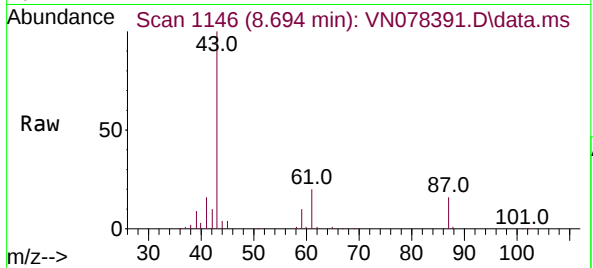




#43
Isopropyl Acetate
Concen: 25.595 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

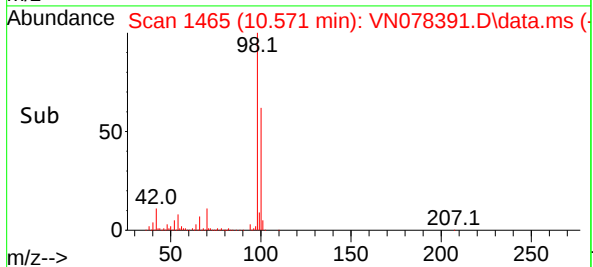
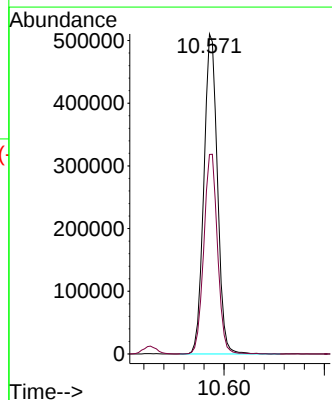
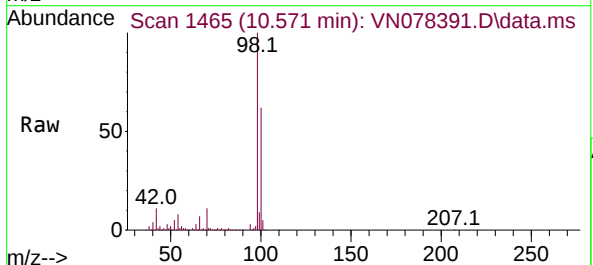
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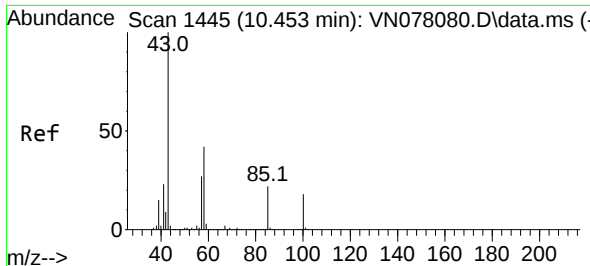
Tgt Ion: 43 Resp: 276164
Ion Ratio Lower Upper
43 100
61 20.1 24.7 37.1#
87 15.3 14.6 21.8



#50
Toluene-d8
Concen: 49.302 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 98 Resp: 956939
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

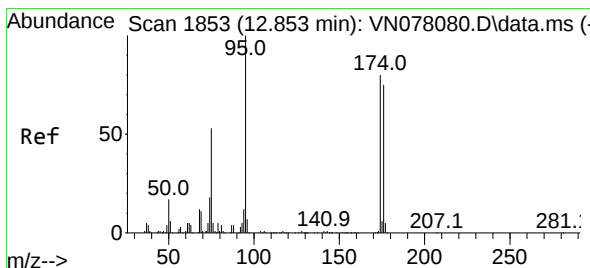
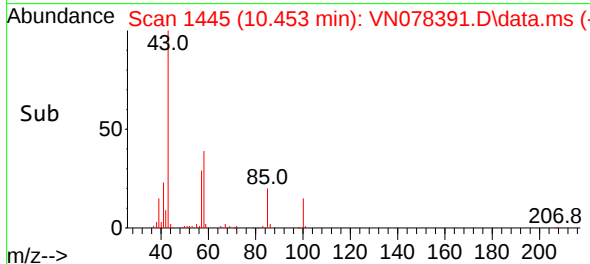
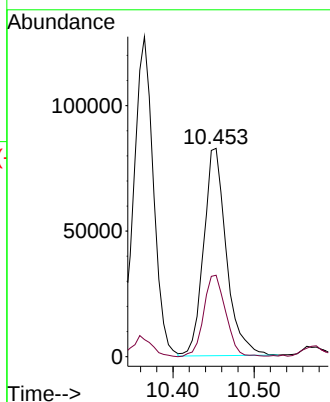
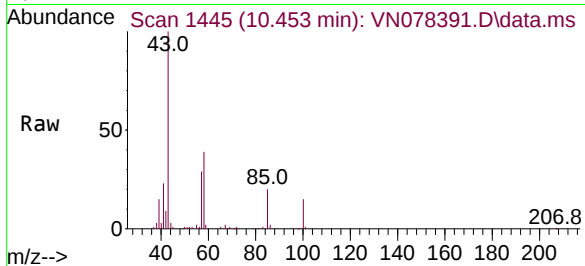




#51
4-Methyl-2-Pentanone
Concen: 28.236 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

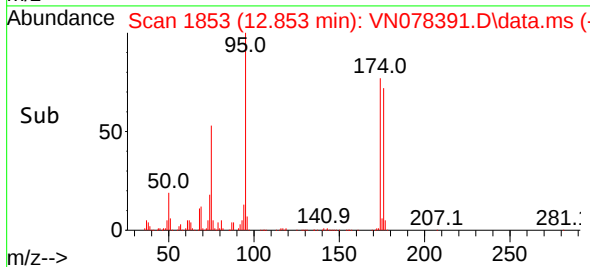
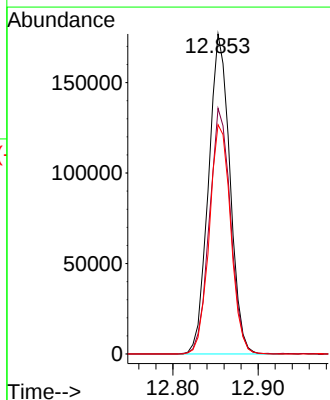
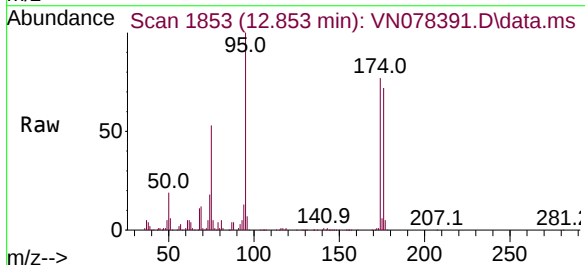
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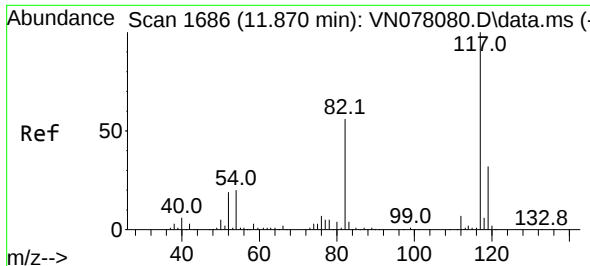
Tgt Ion: 43 Resp: 160430
Ion Ratio Lower Upper
43 100
58 38.2 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 51.138 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 95 Resp: 308567
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 71.5 0.0 135.8

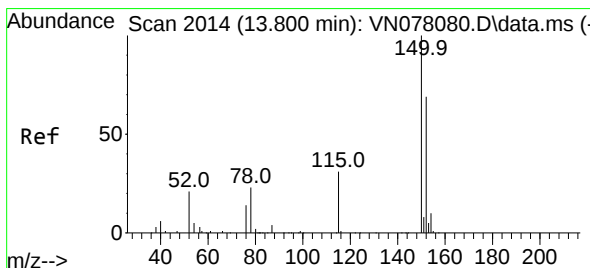
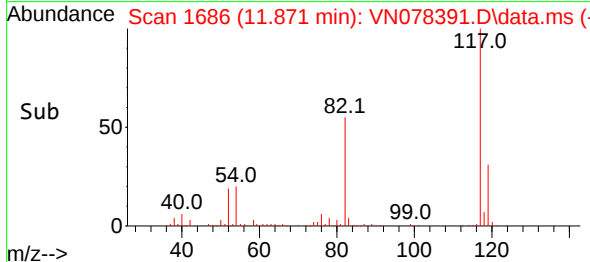
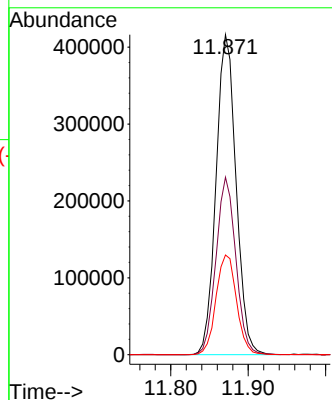
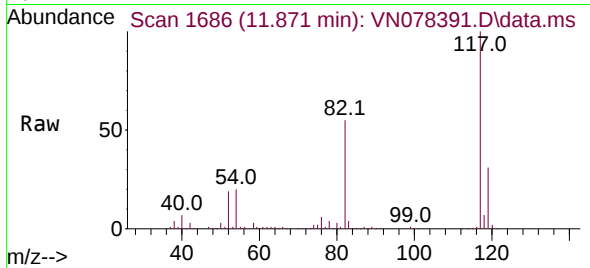




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

Tgt Ion:117 Resp: 748678
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 31.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion:152 Resp: 234778
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 156.4 0.0 355.8

