

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077298.D
 Acq On : 11 Apr 2023 12:35
 Operator : JC\MD
 Sample : PB151999ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151999ZHE#02

Quant Time: Apr 12 04:39:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

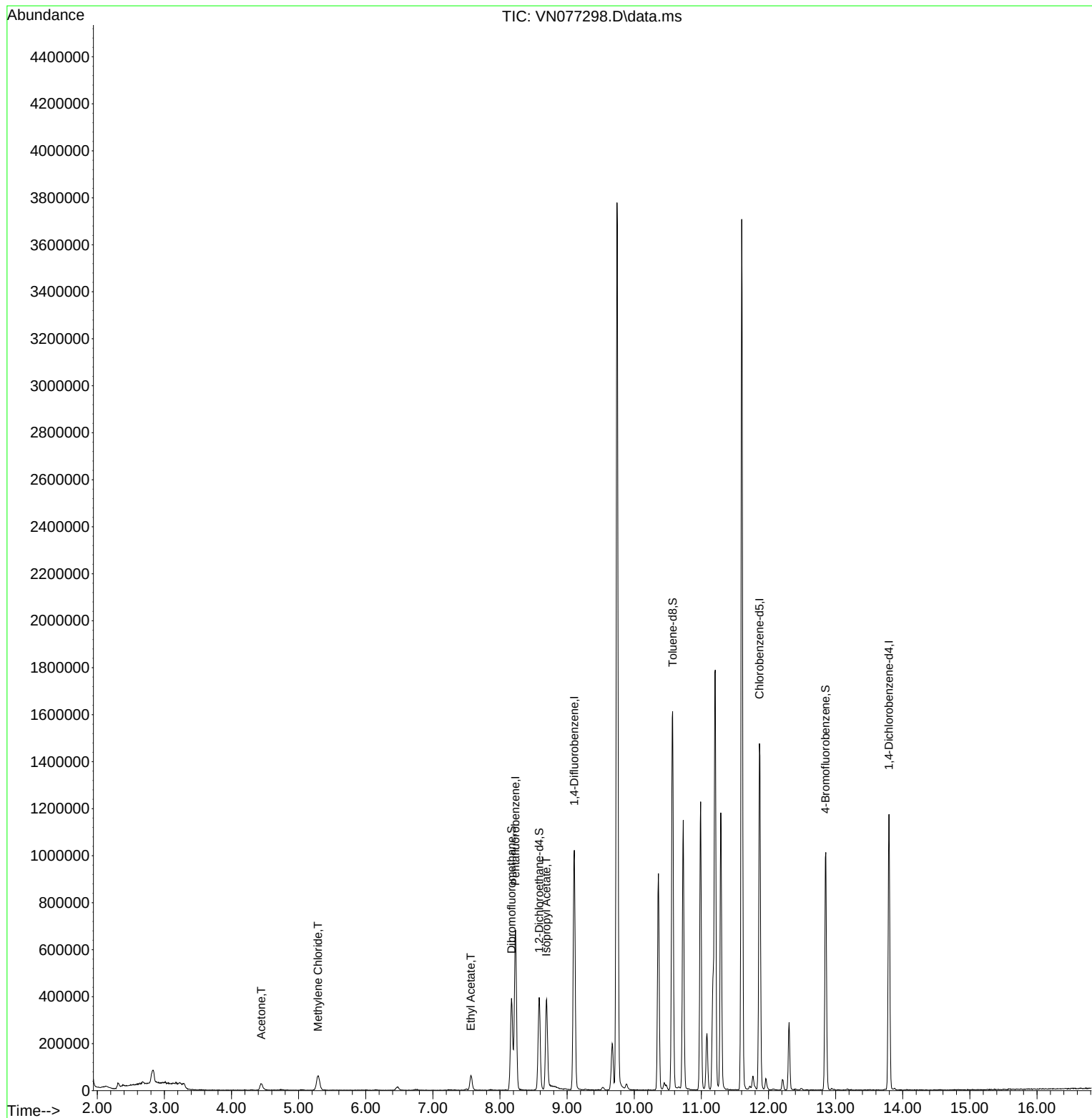
Internal Standards						
1) Pentafluorobenzene	8.231	168	489286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	928808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	881473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	307176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	305376	45.665	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.340%
35) Dibromofluoromethane	8.172	113	281592	47.359	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.720%
50) Toluene-d8	10.572	98	1172078	48.966	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.848	95	362913	45.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.180%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	56726	23.007	ug/l	89
20) Methylene Chloride	5.290	84	54578	7.838	ug/l #	93
37) Ethyl Acetate	7.566	43	90603	11.515	ug/l	98
43) Isopropyl Acetate	8.689	43	457080	31.482	ug/l #	91

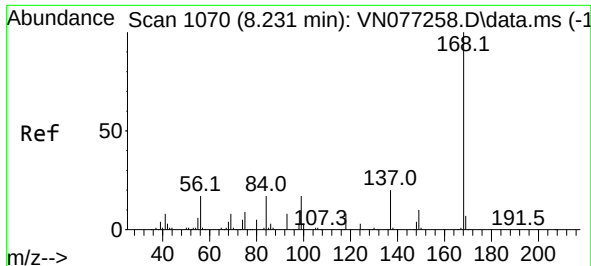
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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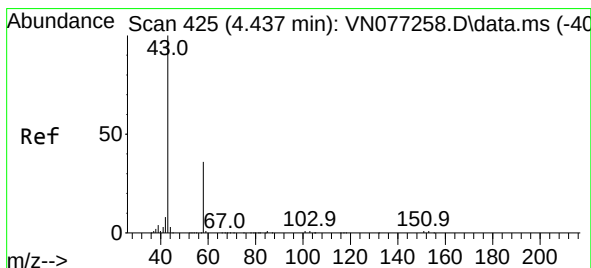
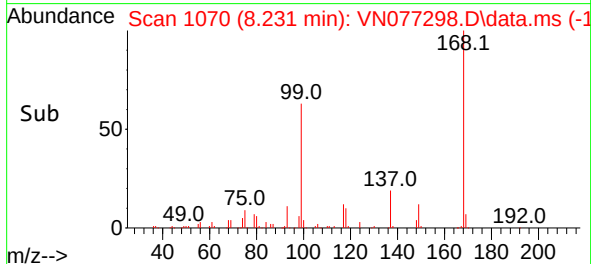
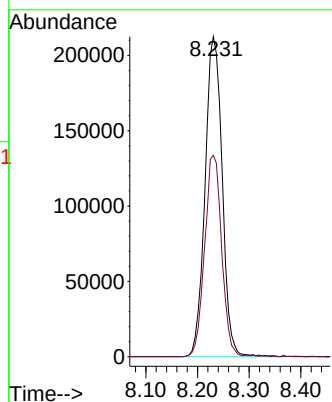
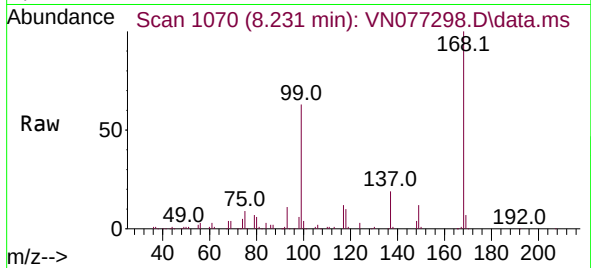




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077298.D
Acq: 11 Apr 2023 12:35

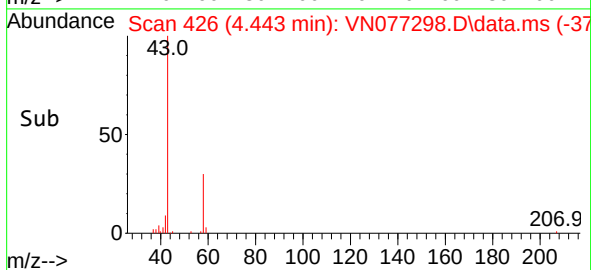
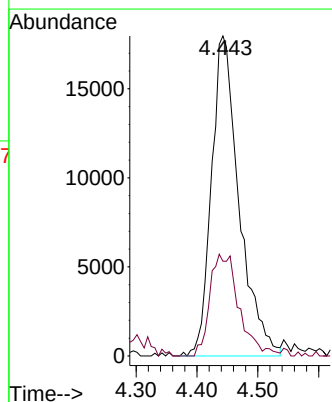
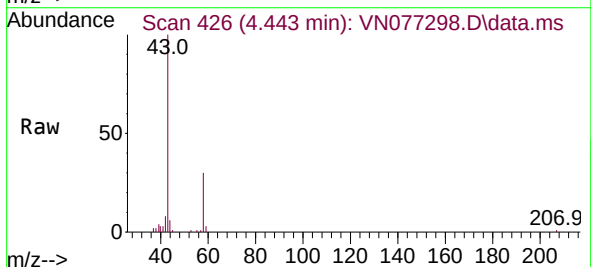
Instrument :
MSVOA_N
ClientSampleId :
PB151999ZHE#02

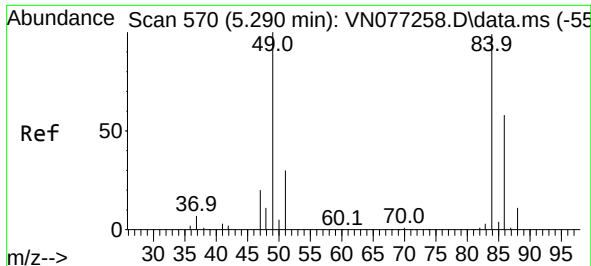
Tgt Ion:168 Resp: 489286
Ion Ratio Lower Upper
168 100
99 63.0 50.6 75.8



#16
Acetone
Concen: 23.007 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077298.D
Acq: 11 Apr 2023 12:35

Tgt Ion: 43 Resp: 56726
Ion Ratio Lower Upper
43 100
58 29.6 29.0 43.6

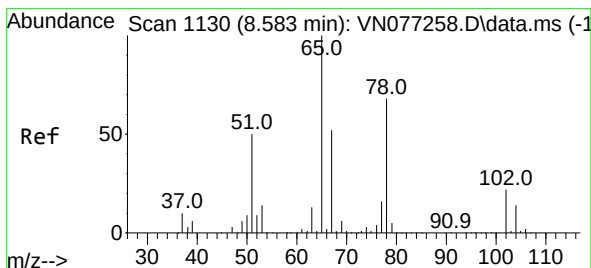
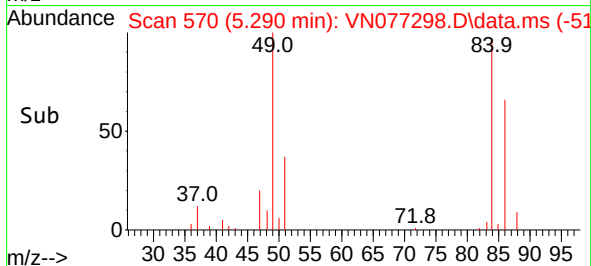
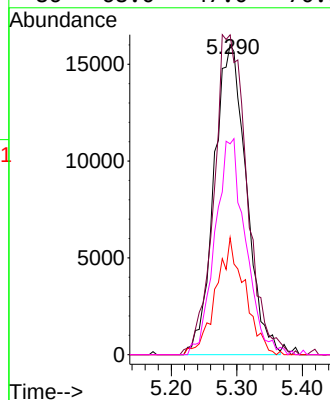
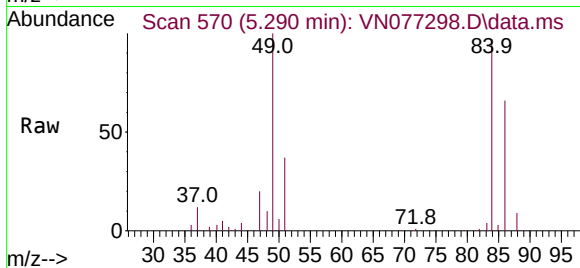




#20
Methylene Chloride
Concen: 7.838 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077298.D
Acq: 11 Apr 2023 12:35

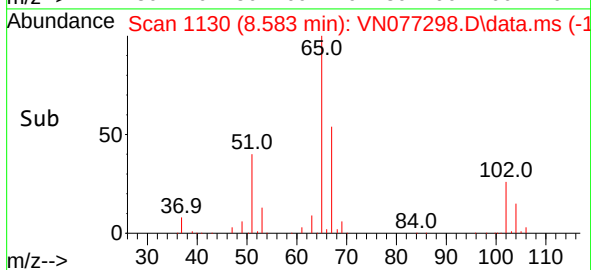
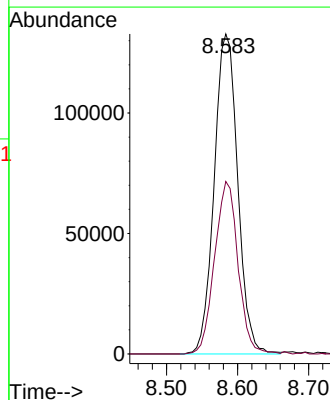
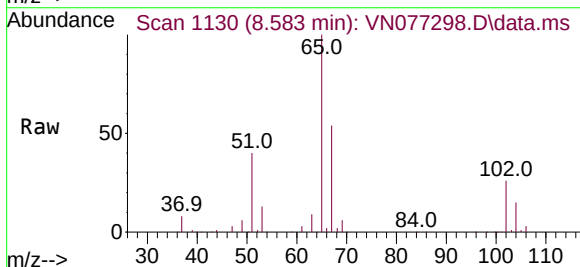
Instrument :
MSVOA_N
ClientSampleId :
PB151999ZHE#02

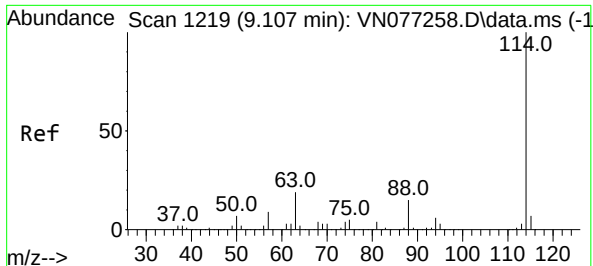
Tgt Ion: 84	Resp: 54578
Ion Ratio	Lower Upper
84 100	
49 103.2	80.6 121.0
51 37.7	24.4 36.6#
86 68.0	47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 45.665 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077298.D
Acq: 11 Apr 2023 12:35

Tgt Ion: 65	Resp: 305376
Ion Ratio	Lower Upper
65 100	
67 53.7	0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077298.D

Acq: 11 Apr 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

PB151999ZHE#02

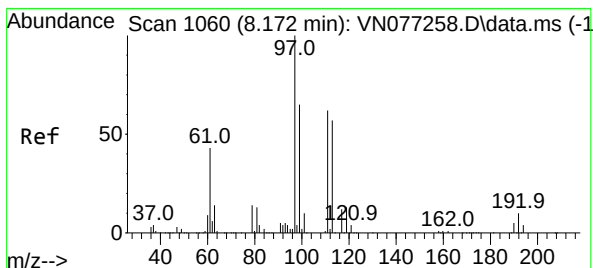
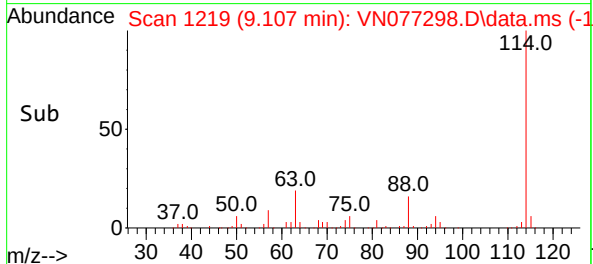
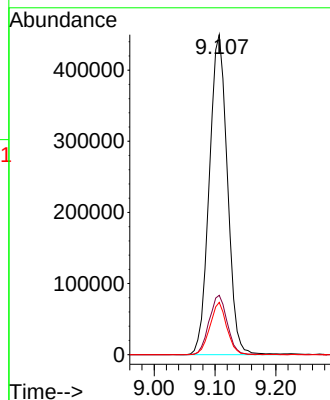
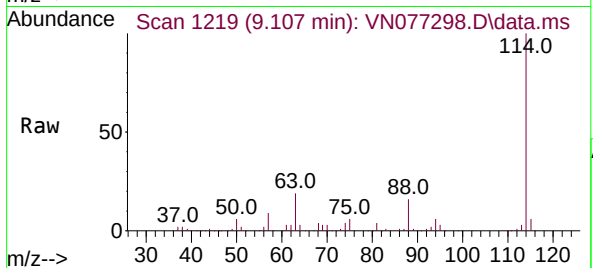
Tgt Ion:114 Resp: 928808

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.8

88 16.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.359 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077298.D

Acq: 11 Apr 2023 12:35

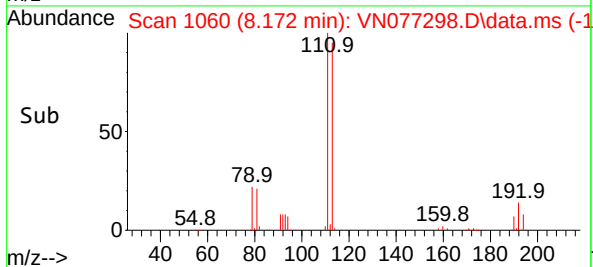
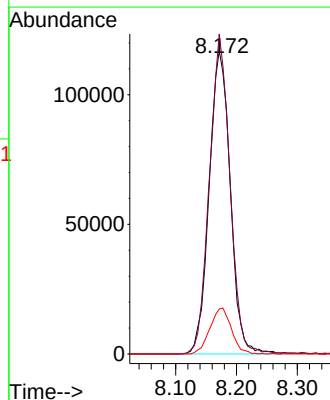
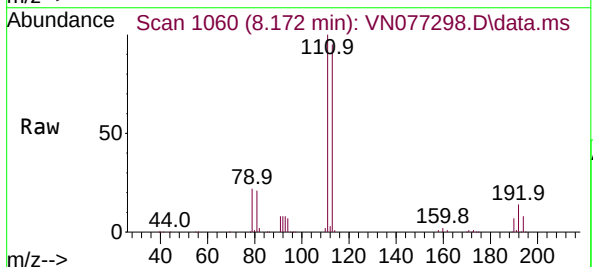
Tgt Ion:113 Resp: 281592

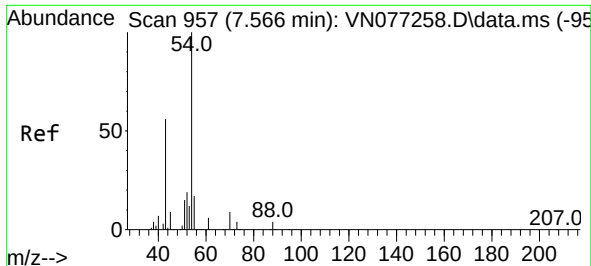
Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.0

192 15.4 13.5 20.3

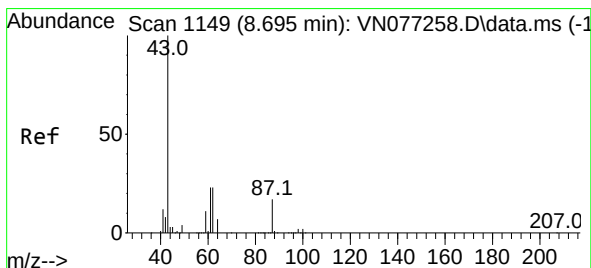
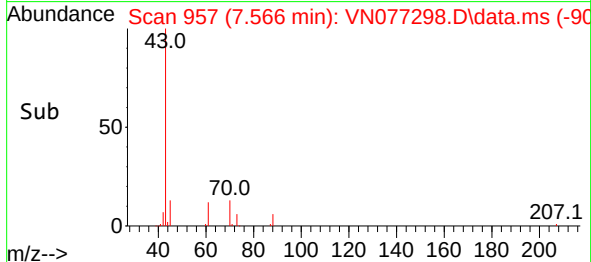
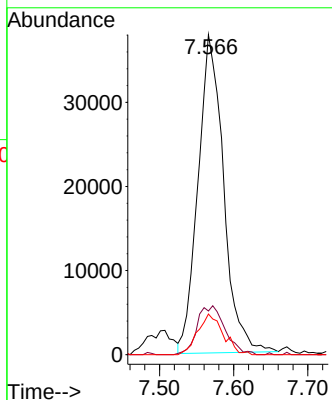
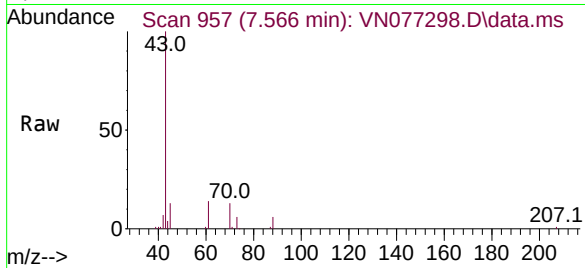




#37
Ethyl Acetate
Concen: 11.515 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077298.D
Acq: 11 Apr 2023 12:35

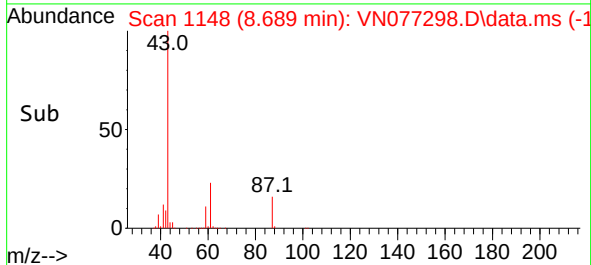
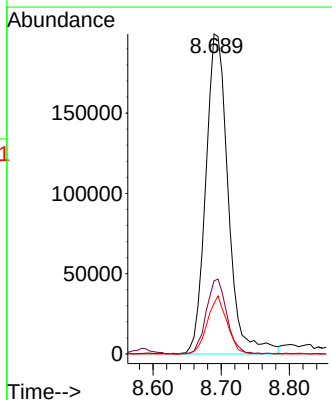
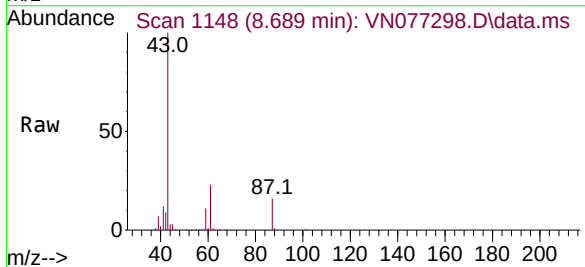
Instrument :
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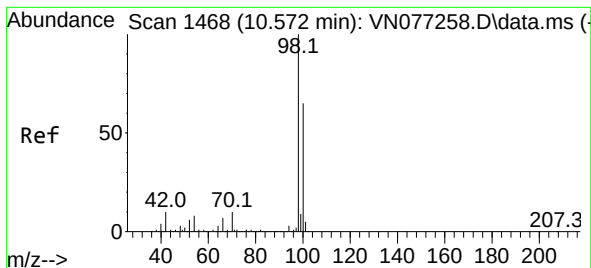
Tgt Ion: 43 Resp: 90603
Ion Ratio Lower Upper
43 100
61 16.8 12.2 18.2
70 12.8 10.0 15.0



#43
Isopropyl Acetate
Concen: 31.482 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077298.D
Acq: 11 Apr 2023 12:35

Tgt Ion: 43 Resp: 457080
Ion Ratio Lower Upper
43 100
61 21.6 22.7 34.1#
87 15.8 13.6 20.4

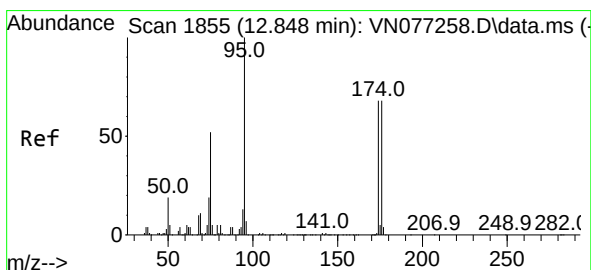
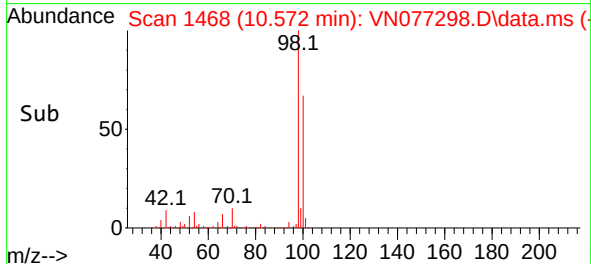
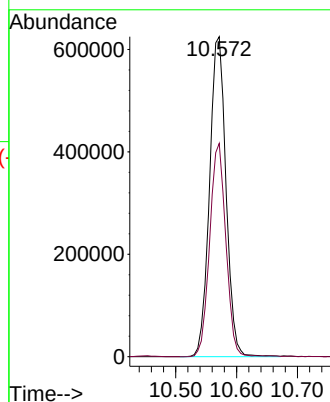
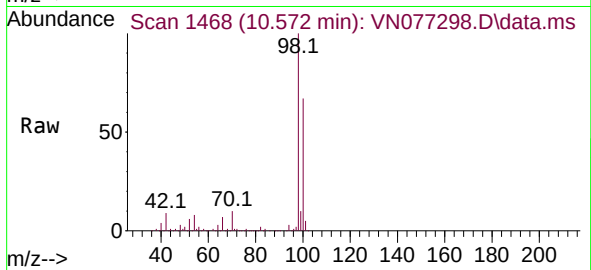




#50
Toluene-d8
Concen: 48.966 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077298.D
Acq: 11 Apr 2023 12:35

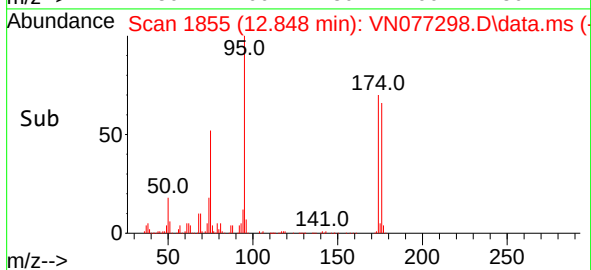
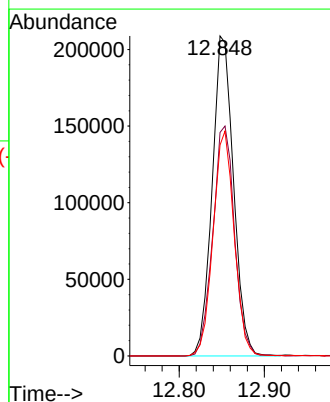
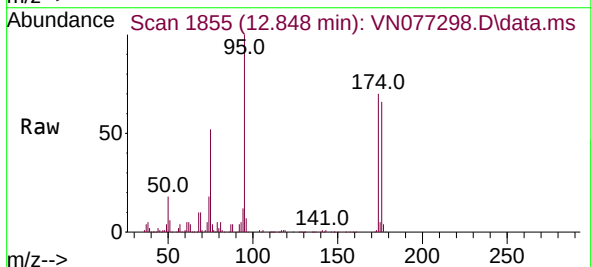
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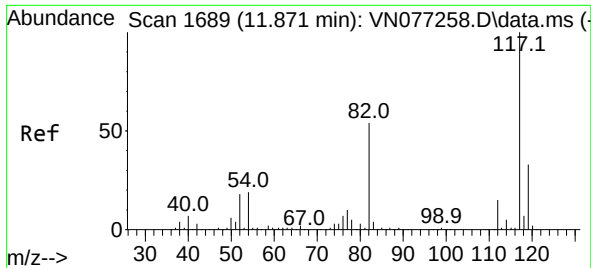
Tgt Ion: 98 Resp: 1172078
Ion Ratio Lower Upper
98 100
100 65.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.587 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077298.D
Acq: 11 Apr 2023 12:35

Tgt Ion: 95 Resp: 362913
Ion Ratio Lower Upper
95 100
174 72.9 0.0 146.8
176 69.4 0.0 139.6

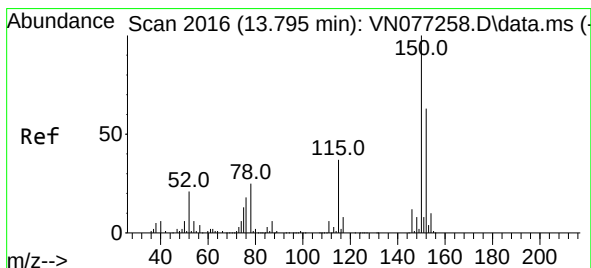
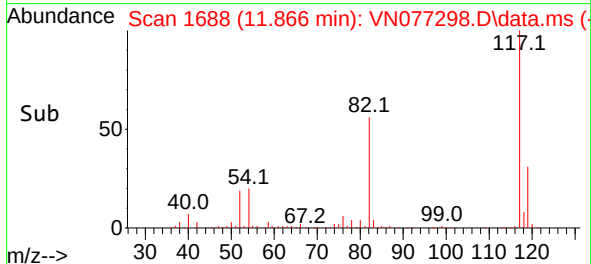
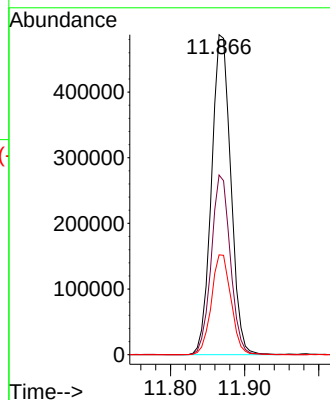
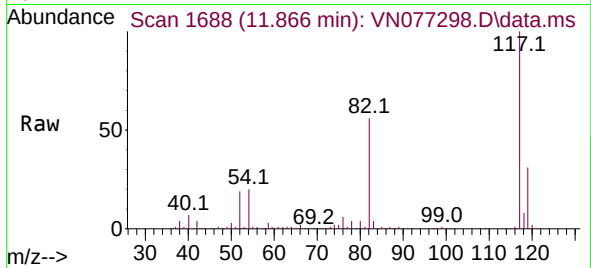




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077298.D
Acq: 11 Apr 2023 12:35

Instrument :
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ClientSampleId :
PB151999ZHE#02

Tgt Ion:117 Resp: 881473
Ion Ratio Lower Upper
117 100
82 56.1 42.9 64.3
119 31.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077298.D
Acq: 11 Apr 2023 12:35

Tgt Ion:152 Resp: 307176
Ion Ratio Lower Upper
152 100
115 63.6 32.1 96.3
150 160.1 0.0 354.8

