

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077823.D
 Acq On : 23 May 2023 17:54
 Operator : JC\MD
 Sample : PB152982ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152982ZHE#05

Quant Time: May 24 02:56:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

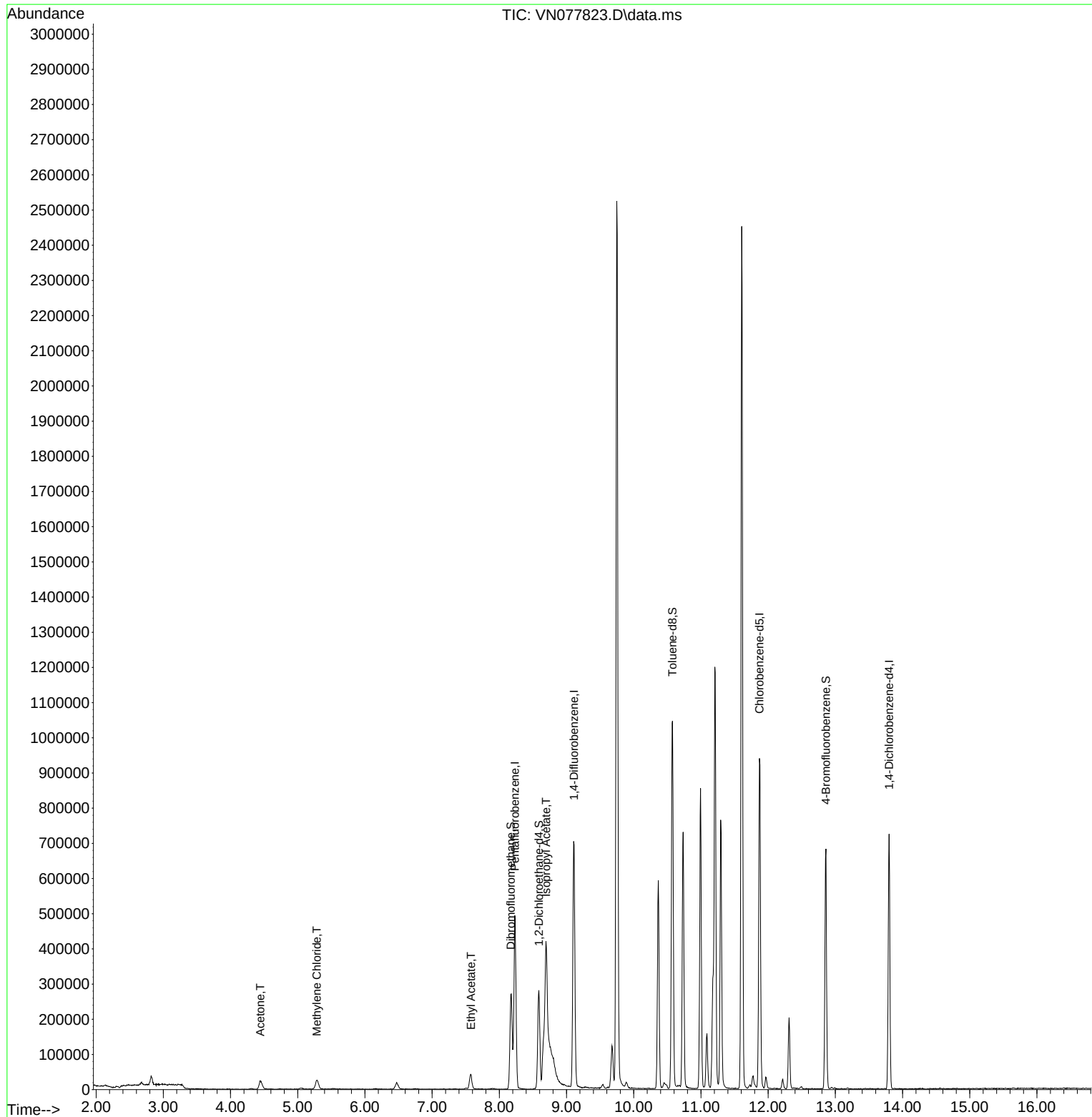
Internal Standards						
1) Pentafluorobenzene	8.230	168	341520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	635032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	574941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	195589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	231844	45.371	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.740%
35) Dibromofluoromethane	8.171	113	201400	48.636	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.280%
50) Toluene-d8	10.577	98	778332	48.832	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.859	95	242808	43.133	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.260%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	47410	29.490	ug/l	91
20) Methylene Chloride	5.283	84	22373	3.510	ug/l #	86
37) Ethyl Acetate	7.577	43	62565	11.589	ug/l	98
43) Isopropyl Acetate	8.694	43	801243	90.866	ug/l #	63

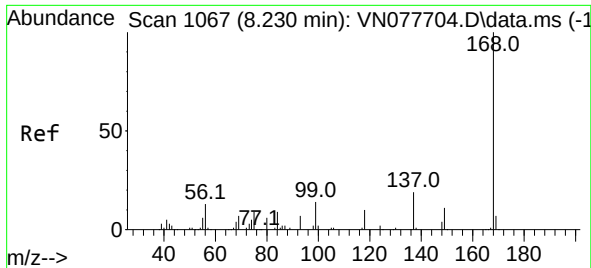
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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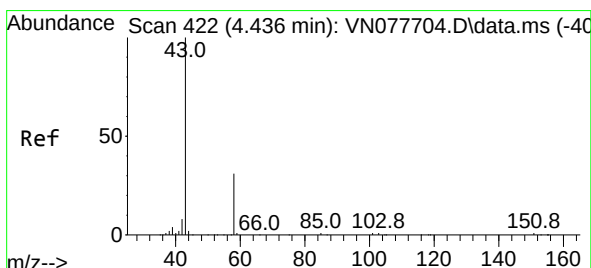
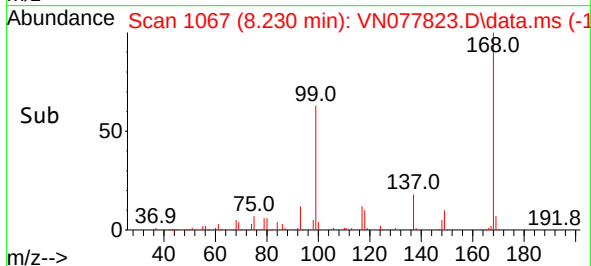
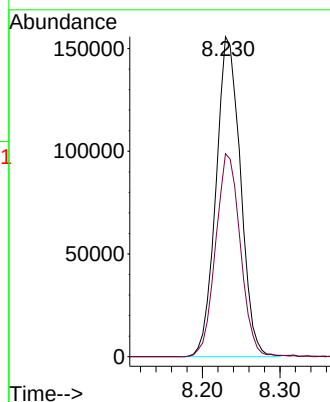
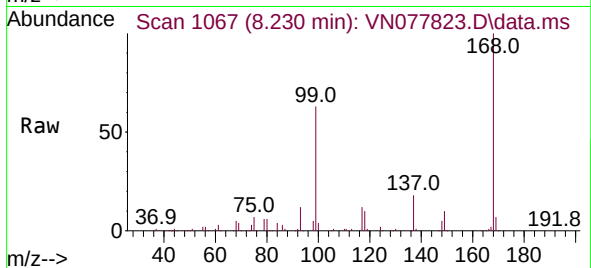




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077823.D
Acq: 23 May 2023 17:54

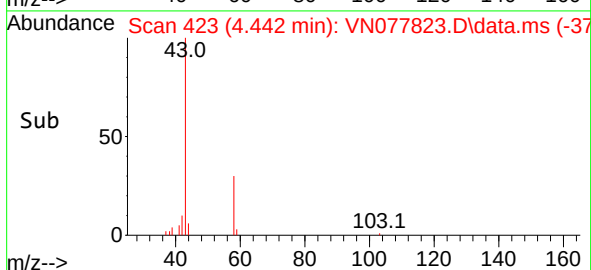
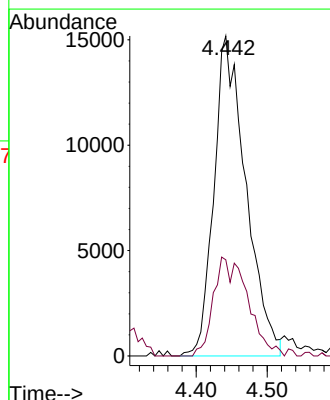
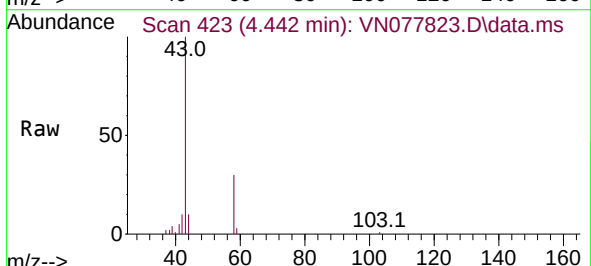
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#05

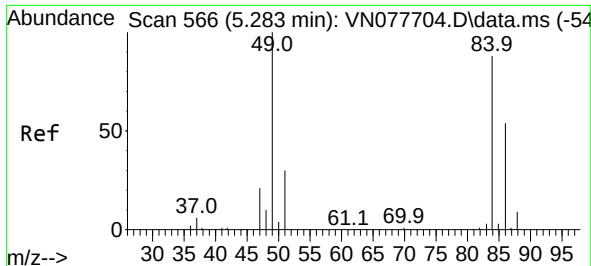
Tgt Ion:168 Resp: 341520
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#16
Acetone
Concen: 29.490 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077823.D
Acq: 23 May 2023 17:54

Tgt Ion: 43 Resp: 47410
Ion Ratio Lower Upper
43 100
58 30.1 28.0 42.0

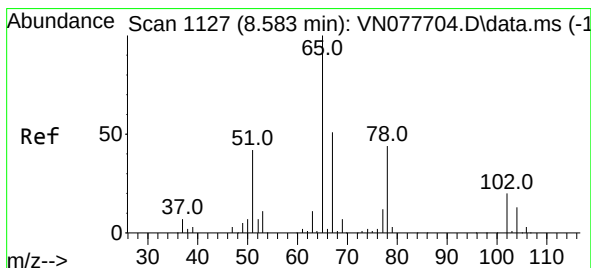
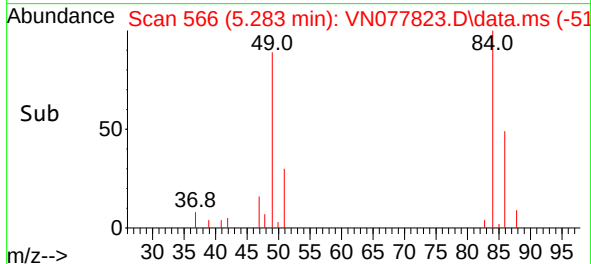
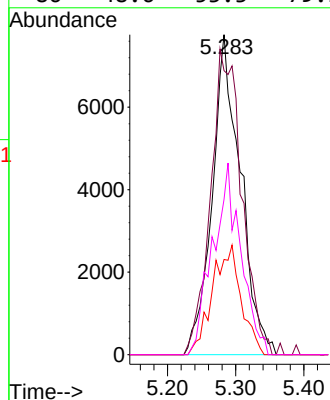
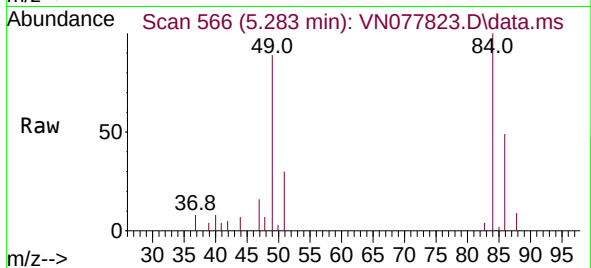




#20
Methylene Chloride
Concen: 3.510 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077823.D
Acq: 23 May 2023 17:54

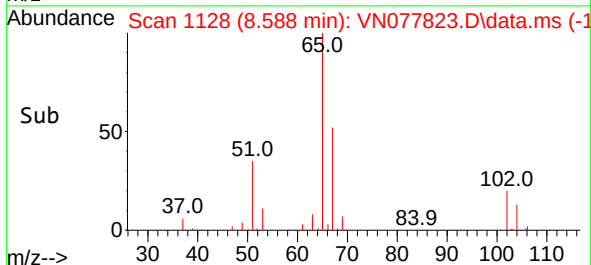
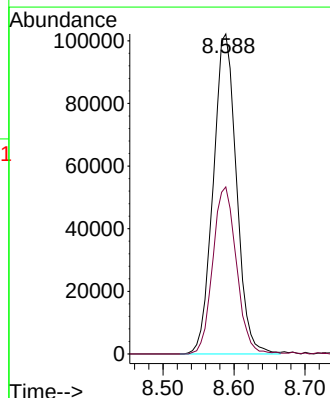
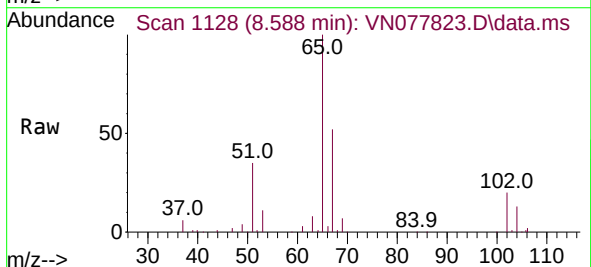
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#05

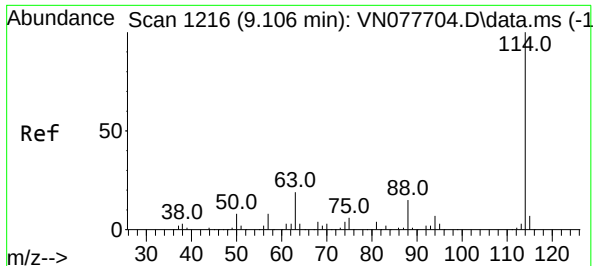
Tgt Ion: 84 Resp: 22373
Ion Ratio Lower Upper
84 100
49 88.8 79.7 119.5
51 29.8 25.2 37.8
86 48.6 53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 45.371 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077823.D
Acq: 23 May 2023 17:54

Tgt Ion: 65 Resp: 231844
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077823.D

Acq: 23 May 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

PB152982ZHE#05

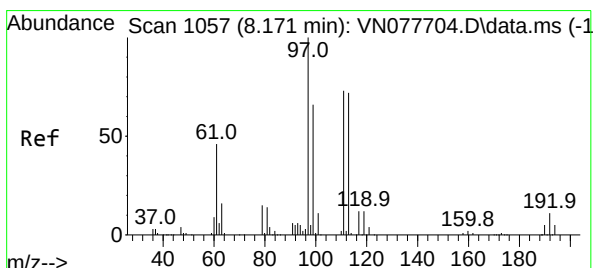
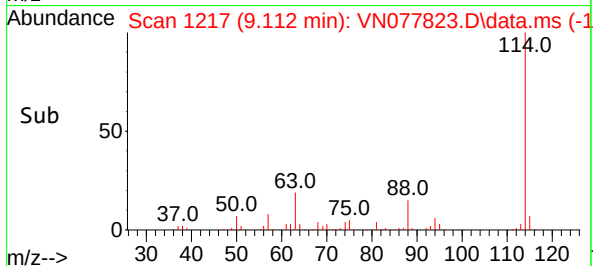
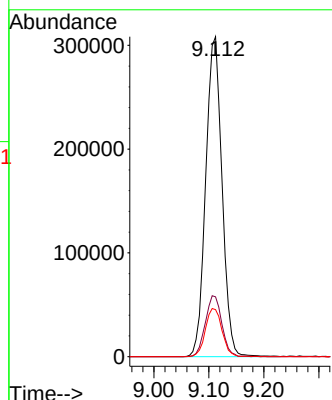
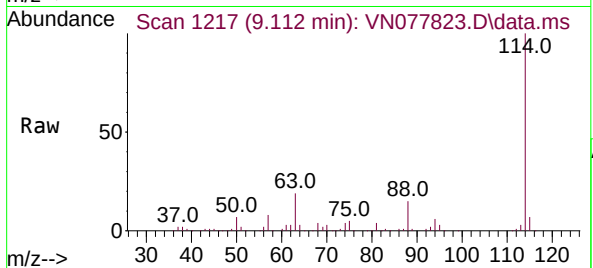
Tgt Ion:114 Resp: 635032

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.636 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077823.D

Acq: 23 May 2023 17:54

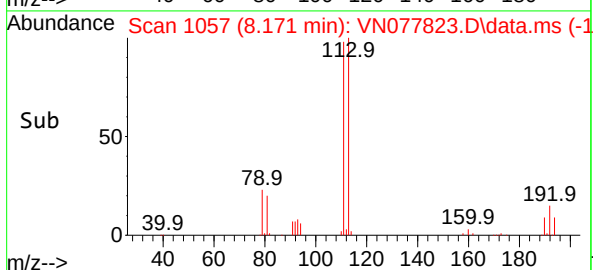
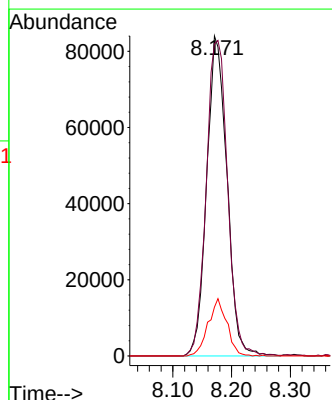
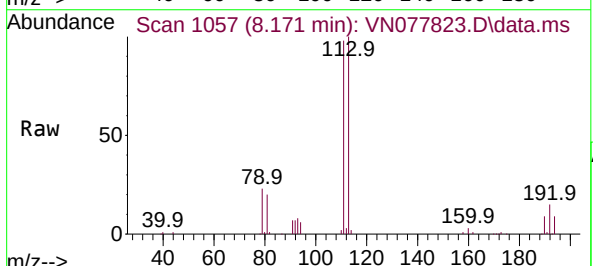
Tgt Ion:113 Resp: 201400

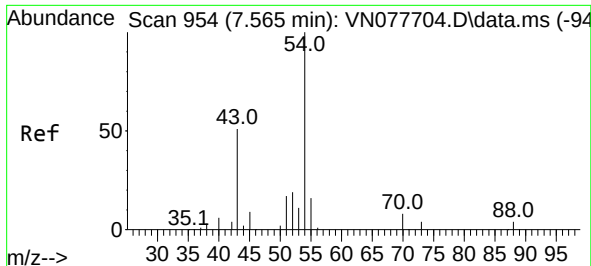
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 16.6 12.7 19.1





#37

Ethyl Acetate

Concen: 11.589 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN077823.D

Acq: 23 May 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

PB152982ZHE#05

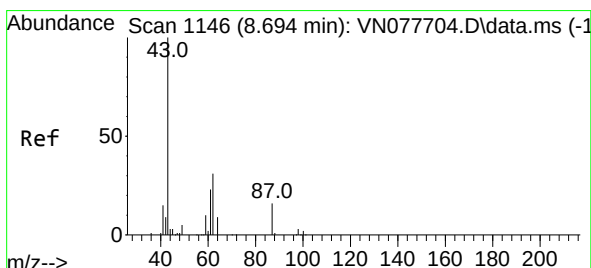
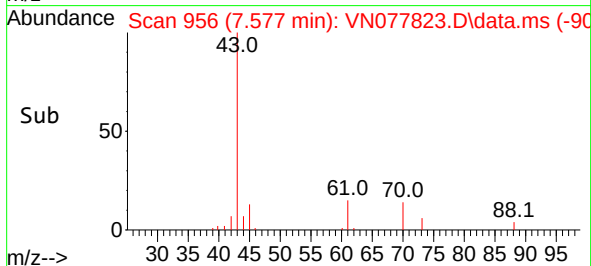
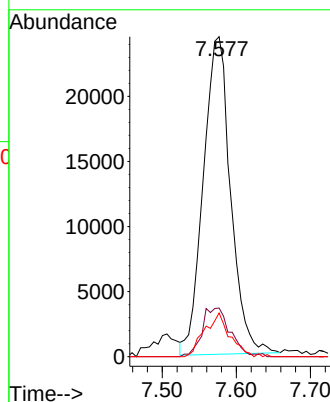
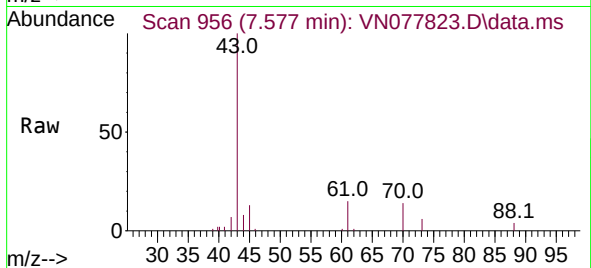
Tgt Ion: 43 Resp: 62565

Ion Ratio Lower Upper

43 100

61 15.9 13.2 19.8

70 12.6 11.3 16.9



#43

Isopropyl Acetate

Concen: 90.866 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077823.D

Acq: 23 May 2023 17:54

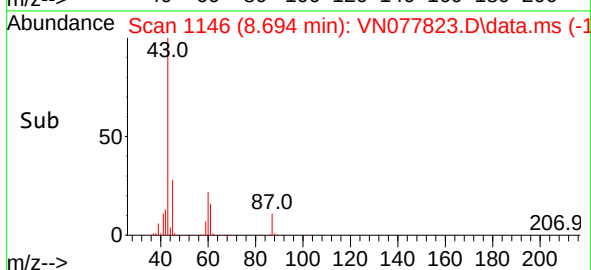
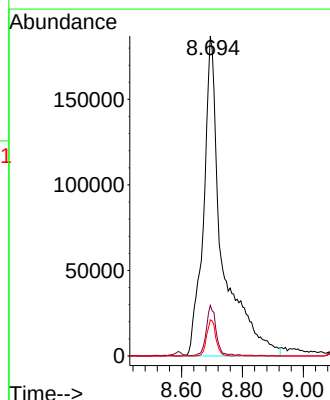
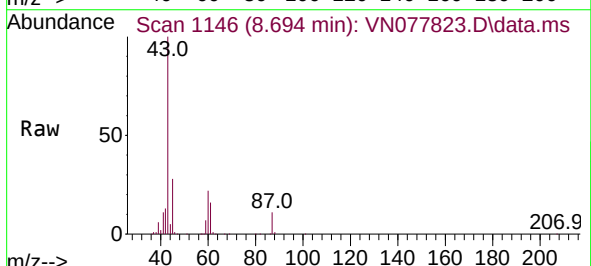
Tgt Ion: 43 Resp: 801243

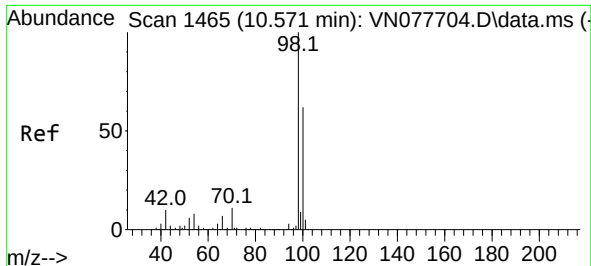
Ion Ratio Lower Upper

43 100

61 8.1 24.7 37.1#

87 5.5 14.6 21.8#

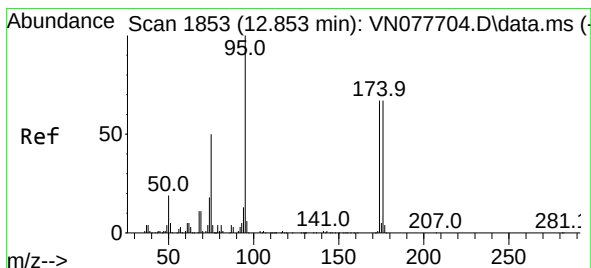
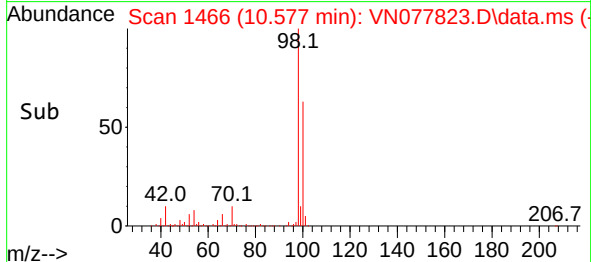
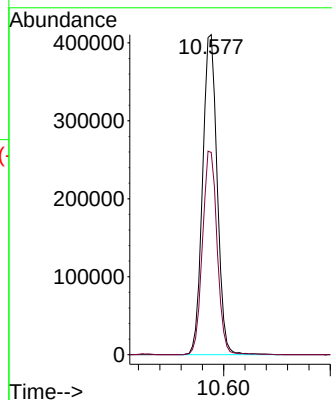
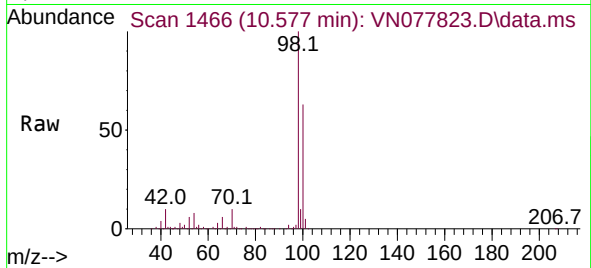




#50
Toluene-d8
Concen: 48.832 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077823.D
Acq: 23 May 2023 17:54

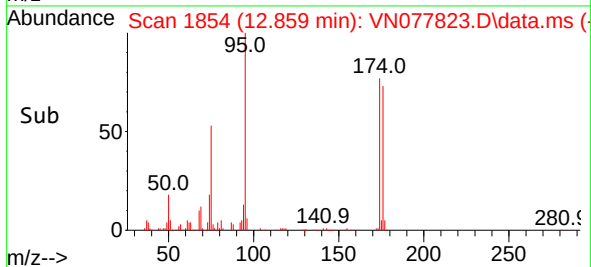
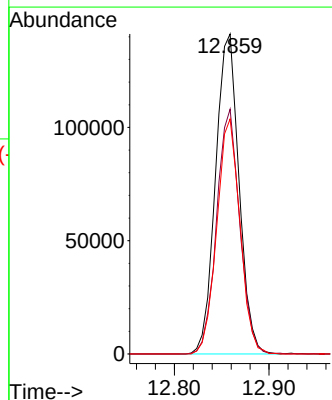
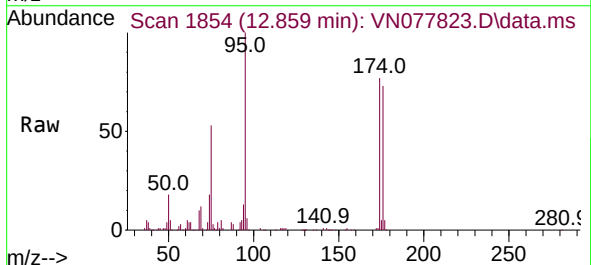
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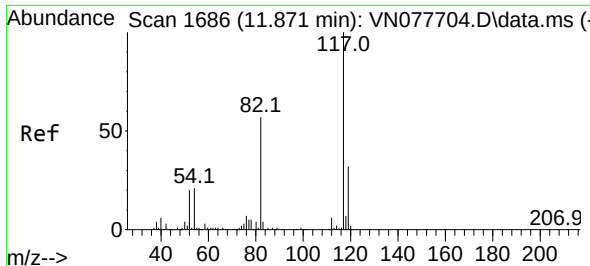
Tgt Ion: 98 Resp: 778332
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.133 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077823.D
Acq: 23 May 2023 17:54

Tgt Ion: 95 Resp: 242808
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 72.5 0.0 135.8

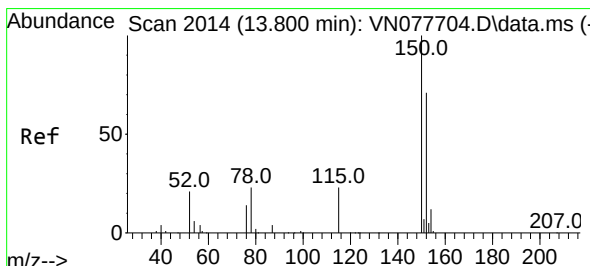
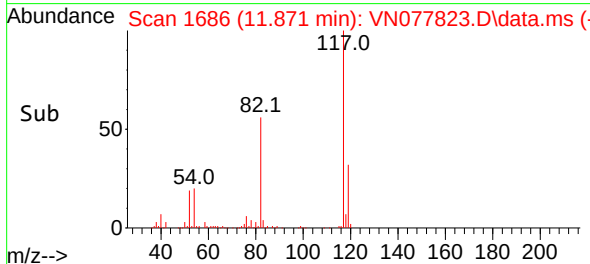
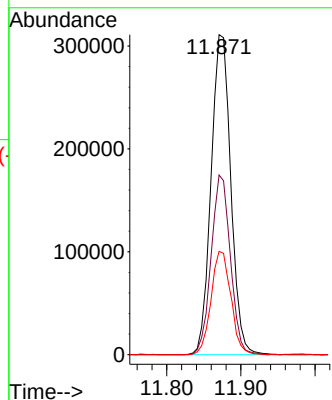
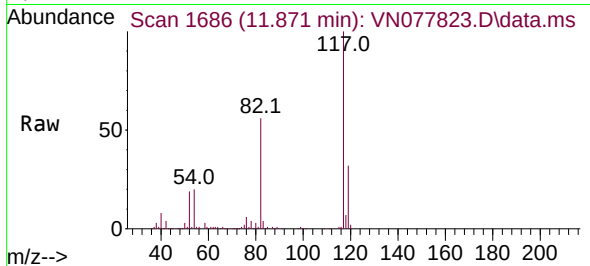




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077823.D
Acq: 23 May 2023 17:54

Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#05

Tgt Ion:117 Resp: 574941
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.3 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: VN077823.D
Acq: 23 May 2023 17:54

Tgt Ion:152 Resp: 195589
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 159.1 0.0 355.8

