

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077560.D
 Acq On : 03 May 2023 14:07
 Operator : JC\MD
 Sample : PB152533ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533ZHE#05

Quant Time: May 04 04:46:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

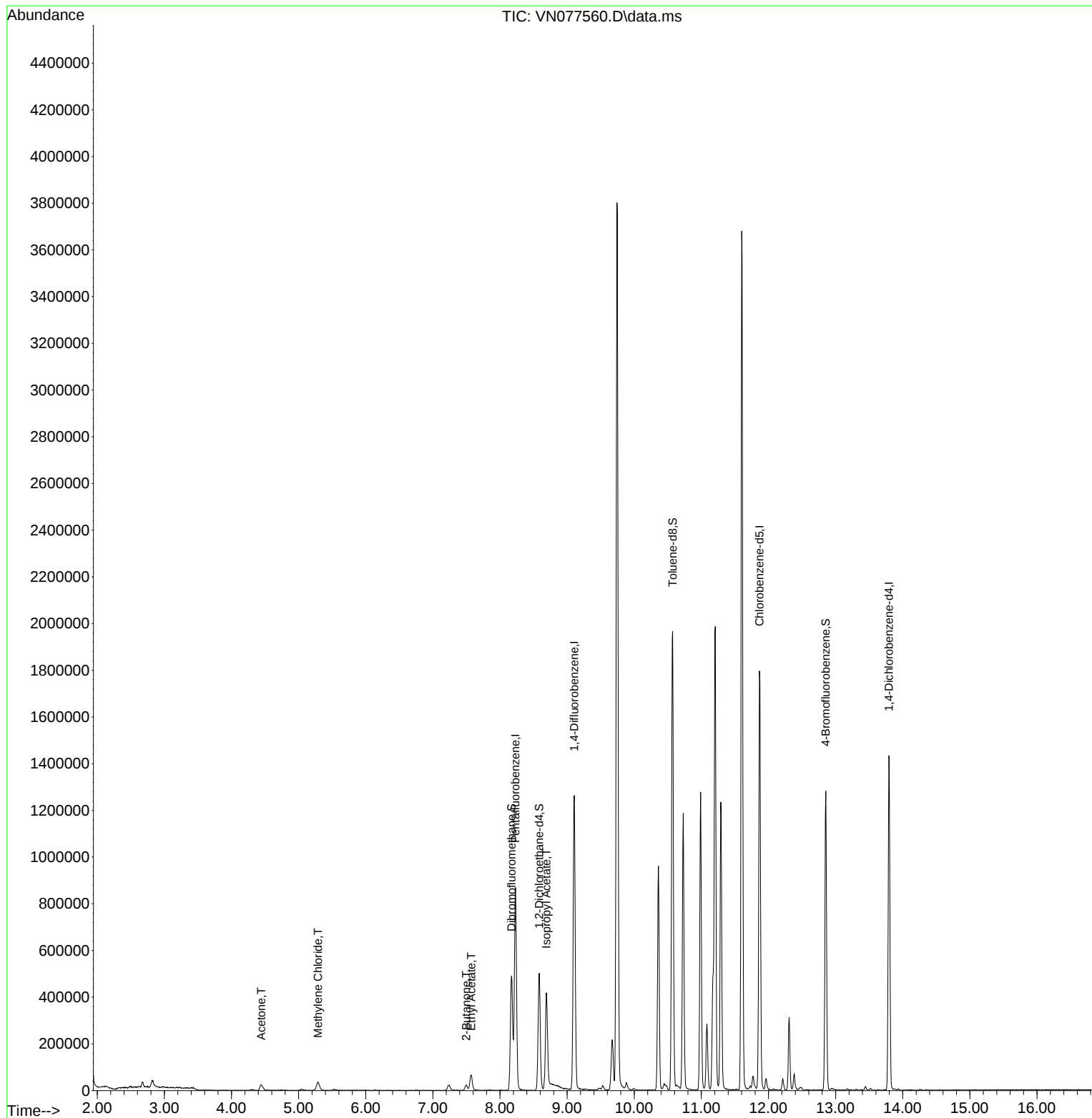
Internal Standards						
1) Pentafluorobenzene	8.231	168	614096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1169892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1111038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	392382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	411973	51.412	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.820%	
35) Dibromofluoromethane	8.172	113	359794	51.169	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.340%	
50) Toluene-d8	10.572	98	1465652	54.386	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.780%	
62) 4-Bromofluorobenzene	12.854	95	470042	53.310	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.620%	
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	46271	18.150	ug/l	95
20) Methylene Chloride	5.290	84	32656	4.039	ug/l	91
25) 2-Butanone	7.495	43	32294	8.931	ug/l	97
37) Ethyl Acetate	7.572	43	94347	12.222	ug/l	96
43) Isopropyl Acetate	8.689	43	469734	35.174	ug/l #	88

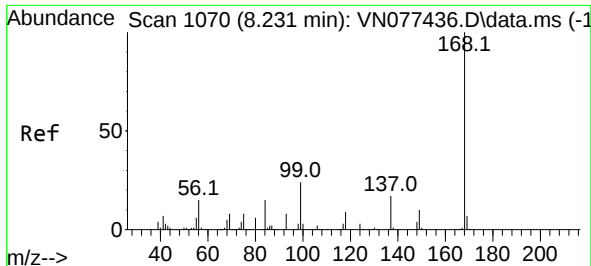
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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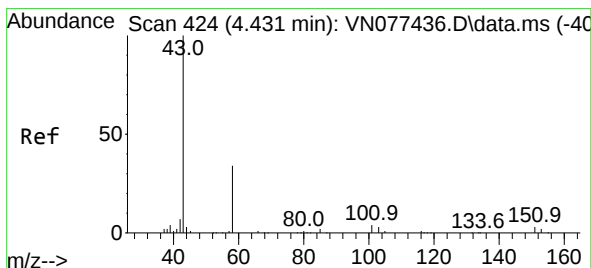
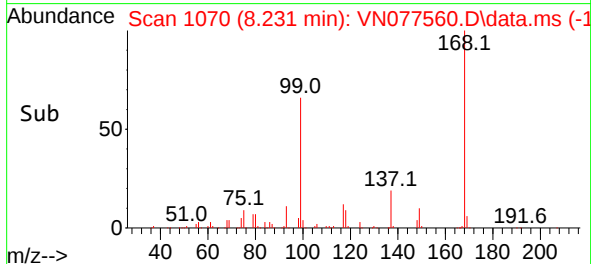
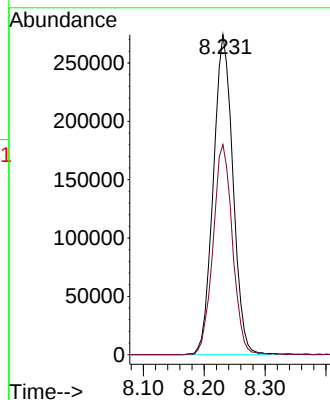
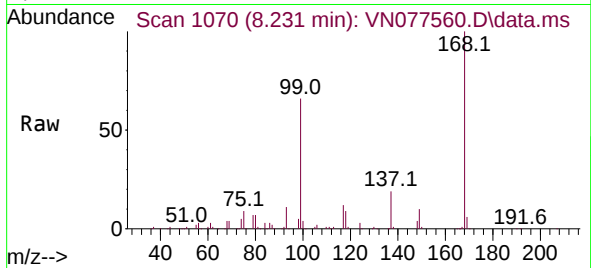




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077560.D
Acq: 03 May 2023 14:07

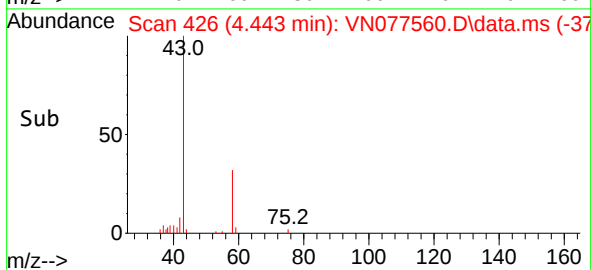
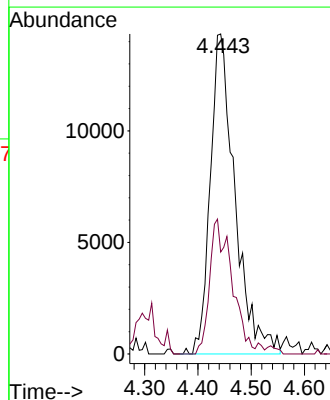
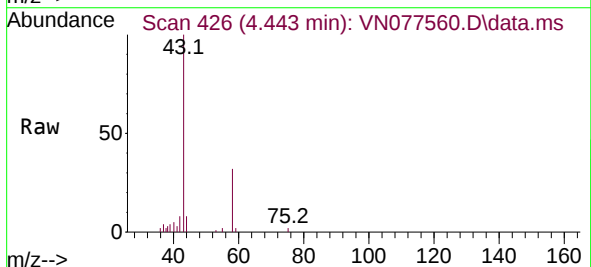
Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#05

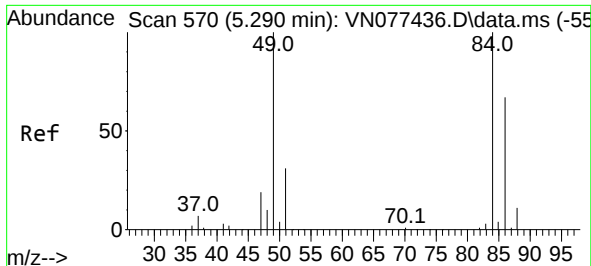
Tgt Ion:168 Resp: 614096
Ion Ratio Lower Upper
168 100
99 65.6 53.0 79.6



#16
Acetone
Concen: 18.150 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077560.D
Acq: 03 May 2023 14:07

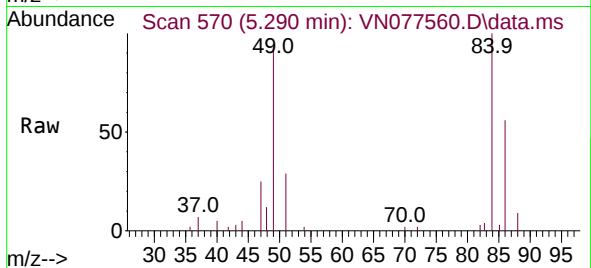
Tgt Ion: 43 Resp: 46271
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0



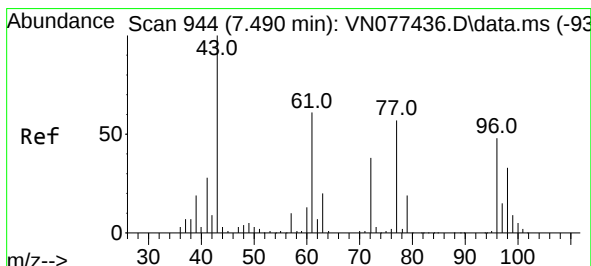
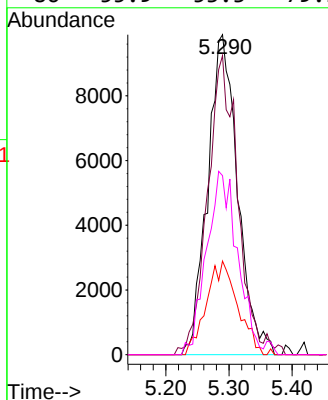
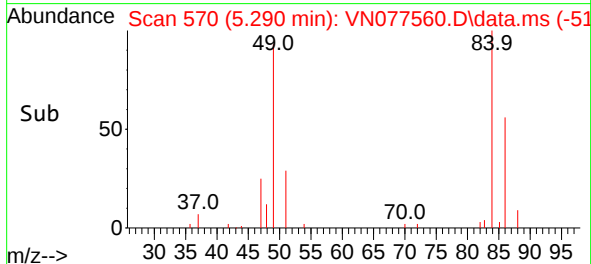


#20
Methylene Chloride
Concen: 4.039 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077560.D
Acq: 03 May 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#05

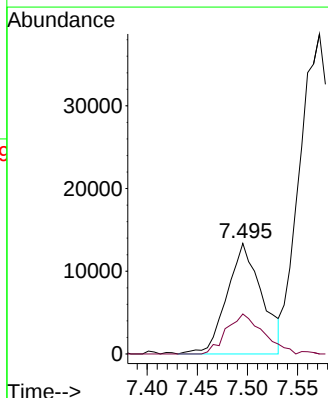
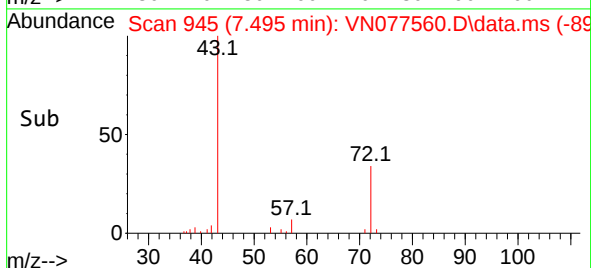
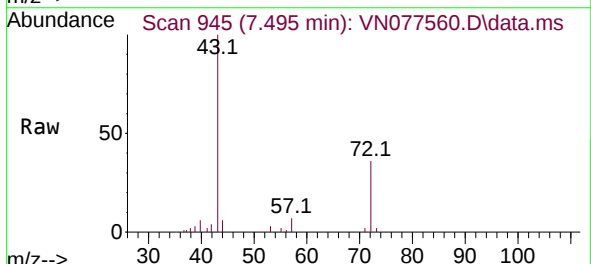


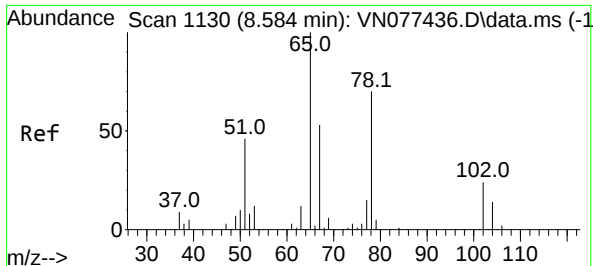
Tgt Ion:	84	Resp:	32656
Ion	Ratio	Lower	Upper
84	100		
49	91.2	79.7	119.5
51	29.3	25.2	37.8
86	55.9	53.3	79.9



#25
2-Butanone
Concen: 8.931 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077560.D
Acq: 03 May 2023 14:07

Tgt Ion:	43	Resp:	32294
Ion	Ratio	Lower	Upper
43	100		
72	36.1	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 51.412 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077560.D

Acq: 03 May 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

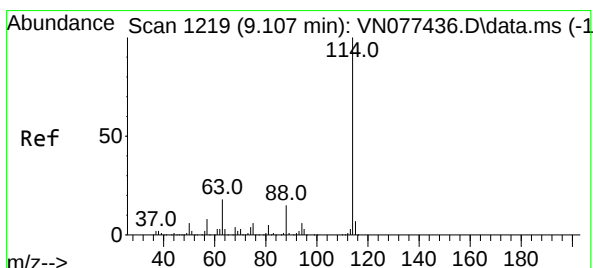
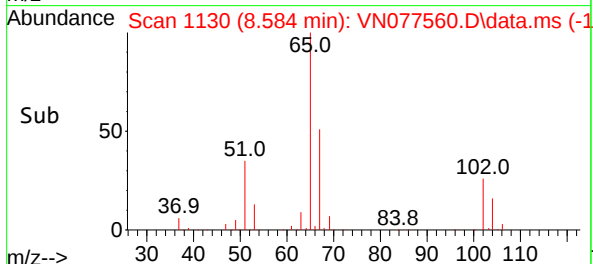
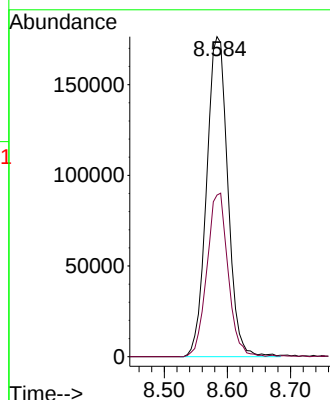
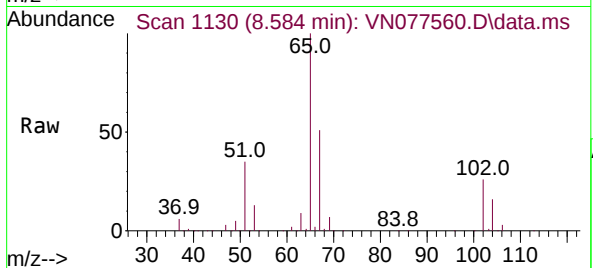
PB152533ZHE#05

Tgt Ion: 65 Resp: 411973

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077560.D

Acq: 03 May 2023 14:07

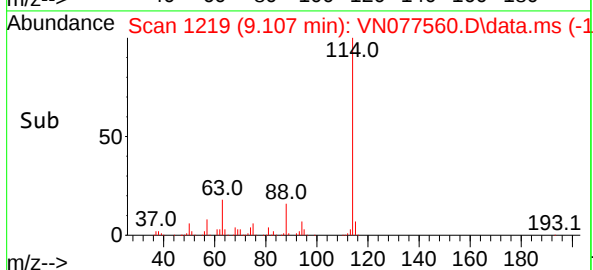
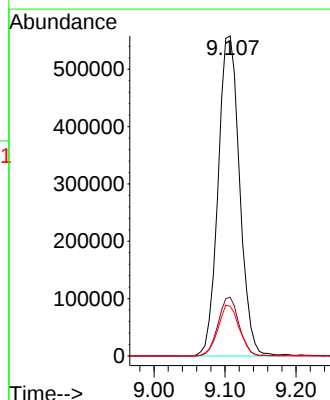
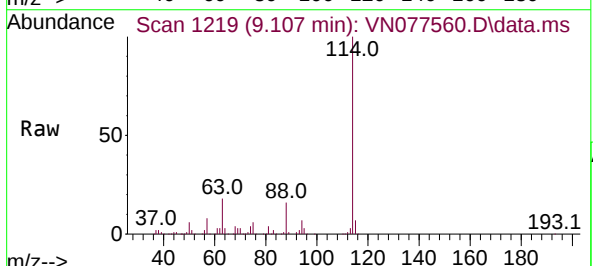
Tgt Ion: 114 Resp: 1169892

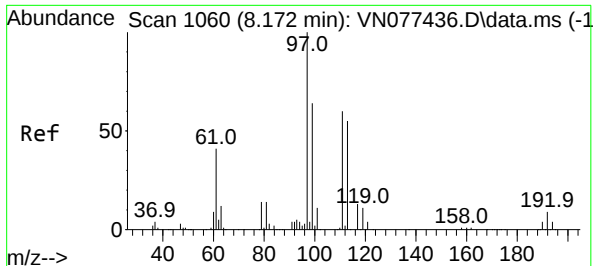
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.169 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077560.D

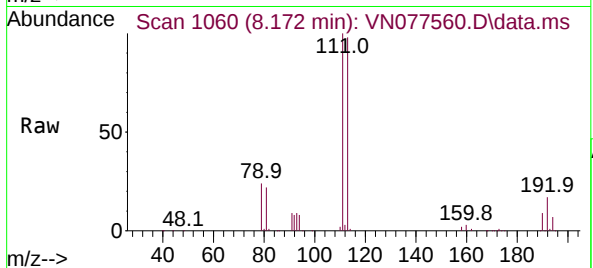
Acq: 03 May 2023 14:07

Instrument :

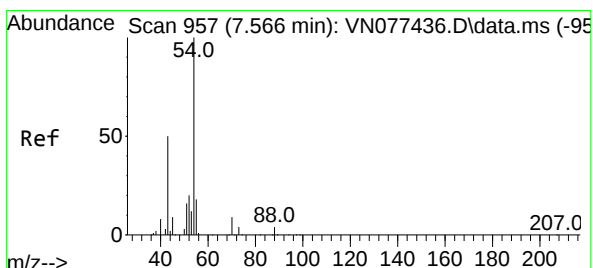
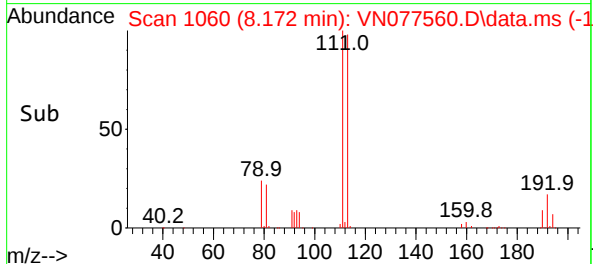
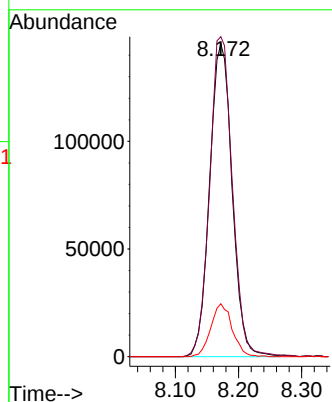
MSVOA_N

ClientSampleId :

PB152533ZHE#05



Tgt Ion:	113	Resp:	359794
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	16.1	12.7	19.1



#37

Ethyl Acetate

Concen: 12.222 ug/l

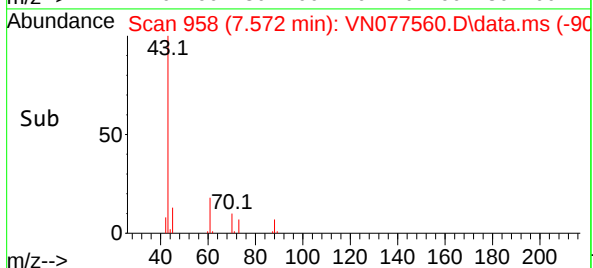
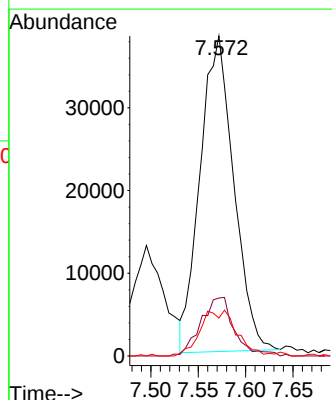
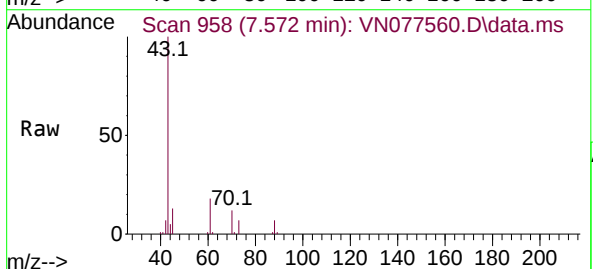
RT: 7.572 min Scan# 958

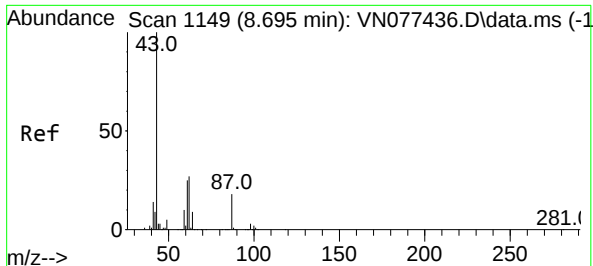
Delta R.T. 0.006 min

Lab File: VN077560.D

Acq: 03 May 2023 14:07

Tgt Ion:	43	Resp:	94347
Ion	Ratio	Lower	Upper
43	100		
61	18.4	13.2	19.8
70	15.7	11.3	16.9





#43

Isopropyl Acetate

Concen: 35.174 ug/l

RT: 8.689 min Scan# 1149

Delta R.T. -0.006 min

Lab File: VN077560.D

Acq: 03 May 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

PB152533ZHE#05

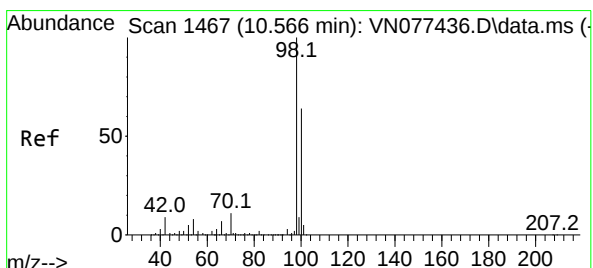
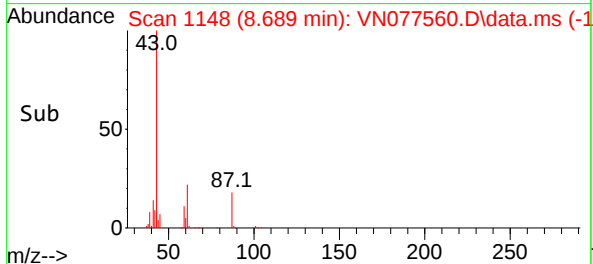
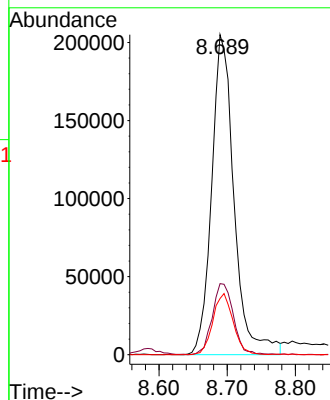
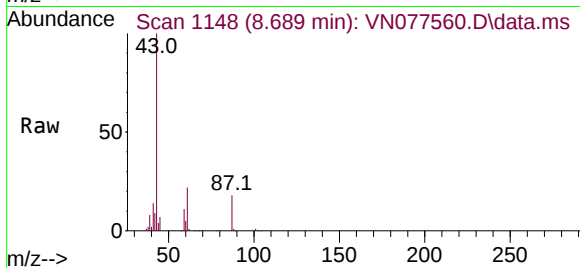
Tgt Ion: 43 Resp: 469734

Ion Ratio Lower Upper

43 100

61 21.0 24.7 37.1#

87 17.3 14.6 21.8



#50

Toluene-d8

Concen: 54.386 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077560.D

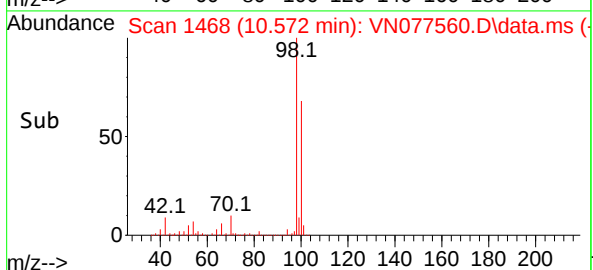
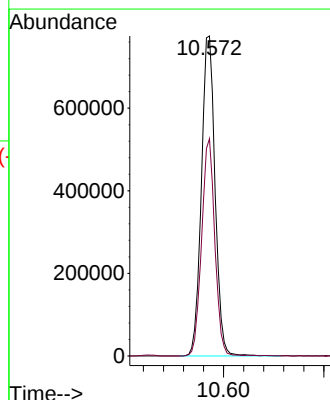
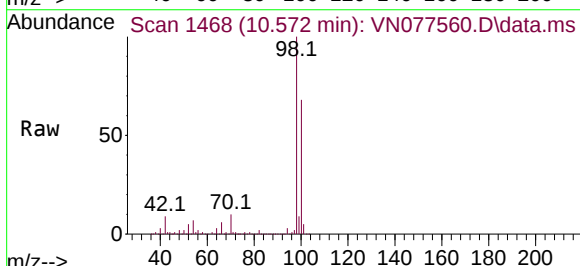
Acq: 03 May 2023 14:07

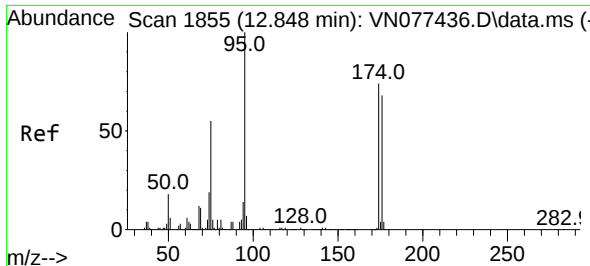
Tgt Ion: 98 Resp: 1465652

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

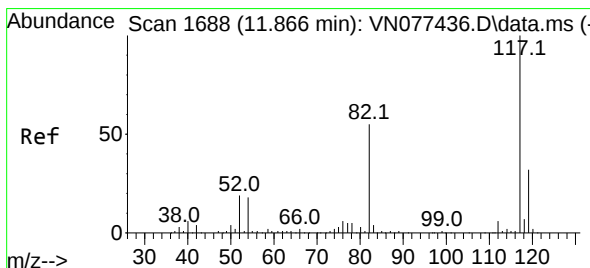
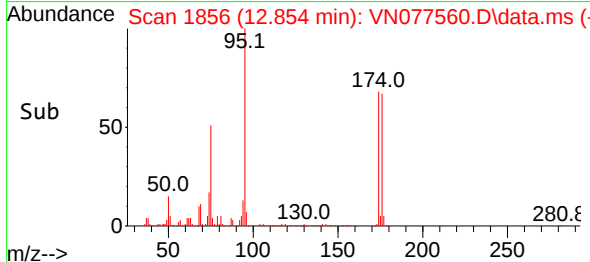
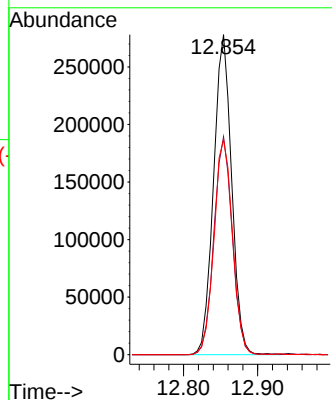
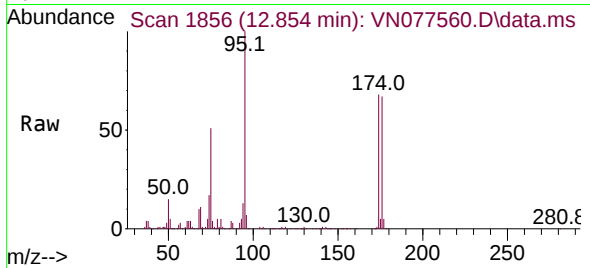




#62
4-Bromofluorobenzene
Concen: 53.310 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077560.D
Acq: 03 May 2023 14:07

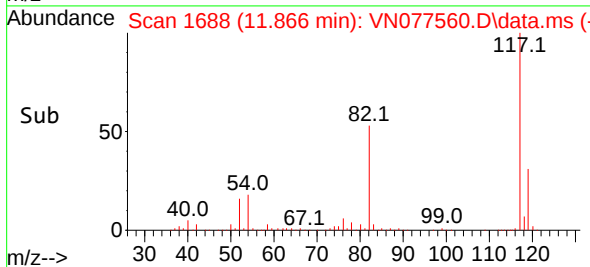
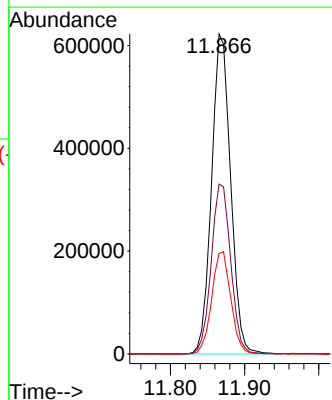
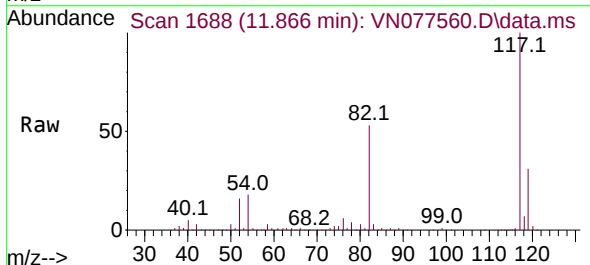
Instrument :
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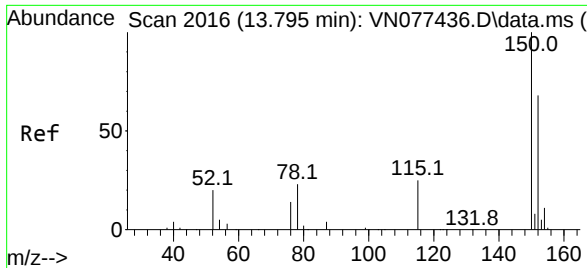
Tgt Ion: 95 Resp: 470042
Ion Ratio Lower Upper
95 100
174 69.0 0.0 143.8
176 69.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077560.D
Acq: 03 May 2023 14:07

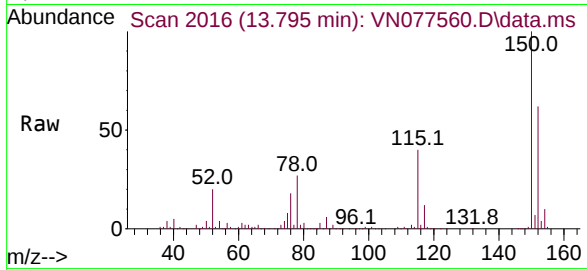
Tgt Ion: 117 Resp: 1111038
Ion Ratio Lower Upper
117 100
82 53.1 44.0 66.0
119 31.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077560.D
 Acq: 03 May 2023 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533ZHE#05



Tgt Ion:152 Resp: 392382
 Ion Ratio Lower Upper
 152 100
 115 65.6 32.3 96.8
 150 159.0 0.0 355.8

