

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077558.D
 Acq On : 03 May 2023 13:19
 Operator : JC\MD
 Sample : PB152533ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533ZHE#03

Quant Time: May 04 04:45:07 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)

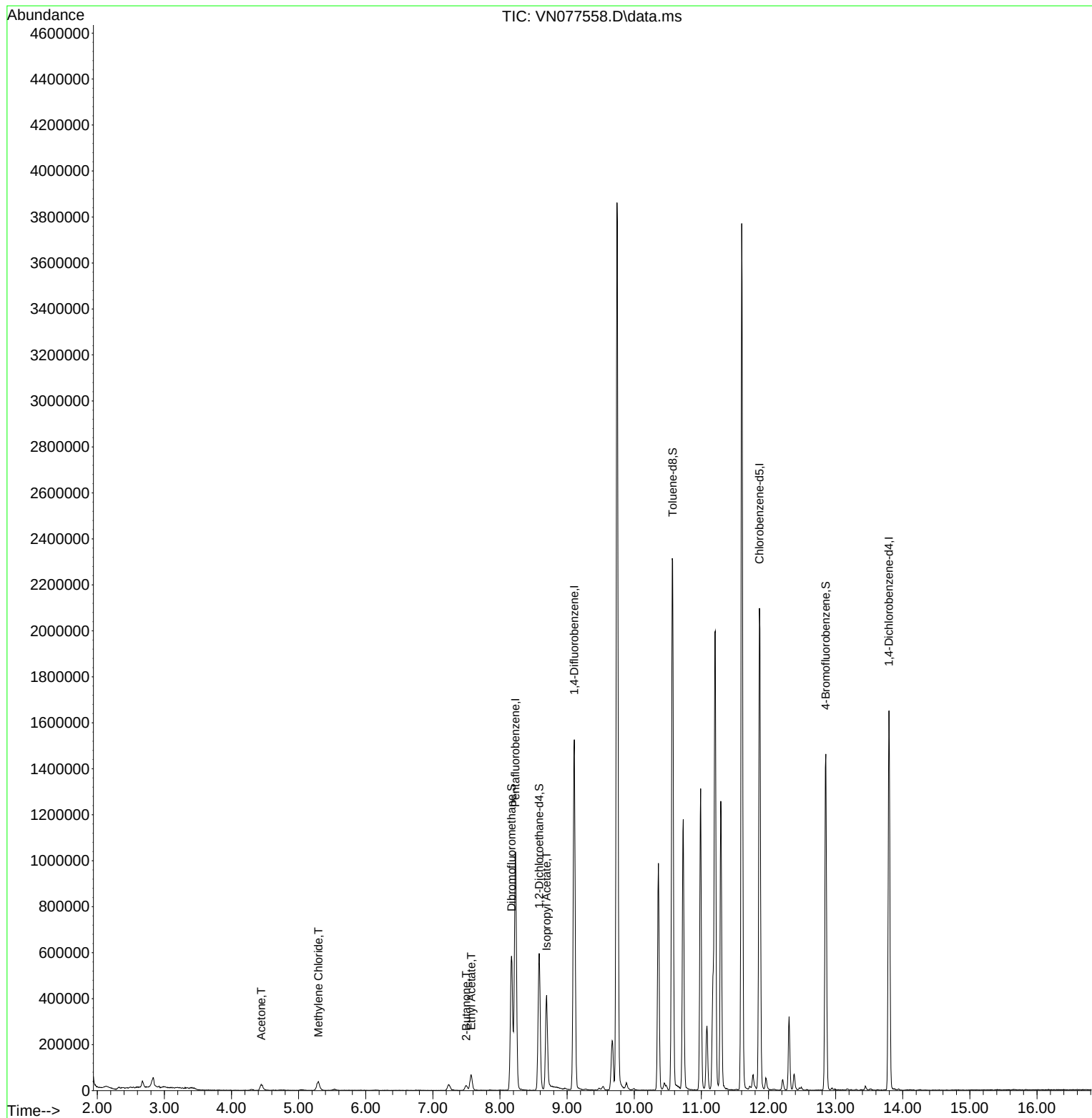
Internal Standards						
1) Pentafluorobenzene	8.231	168	732290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1388396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1303359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	463712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	483755	50.626	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.260%
35) Dibromofluoromethane	8.172	113	428059	51.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.600%
50) Toluene-d8	10.572	98	1738966	54.373	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.740%
62) 4-Bromofluorobenzene	12.854	95	558126	53.338	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.680%
Target Compounds						
						Qvalue
16) Acetone	4.443	43	46910	15.431	ug/l	92
20) Methylene Chloride	5.296	84	32560	3.377	ug/l	93
25) 2-Butanone	7.495	43	30084	6.977	ug/l	100
37) Ethyl Acetate	7.572	43	92610	10.109	ug/l	95
43) Isopropyl Acetate	8.695	43	441142	27.835	ug/l #	90

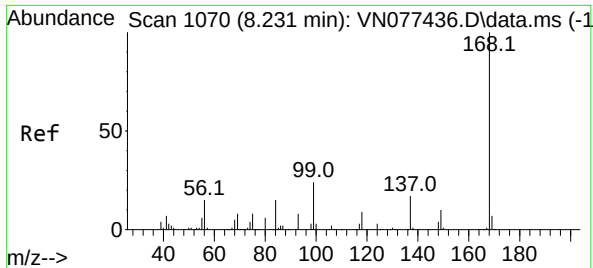
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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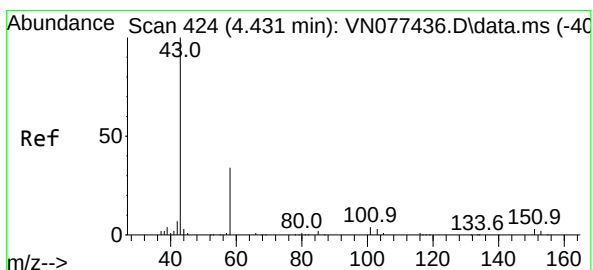
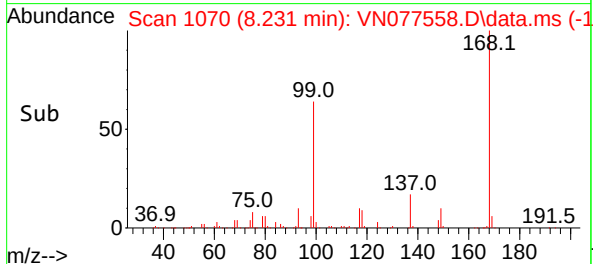
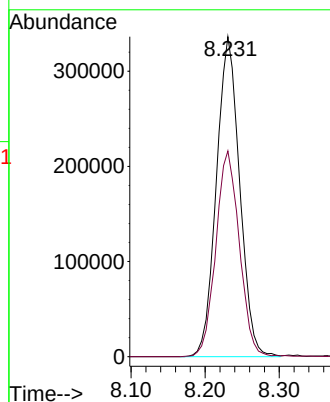
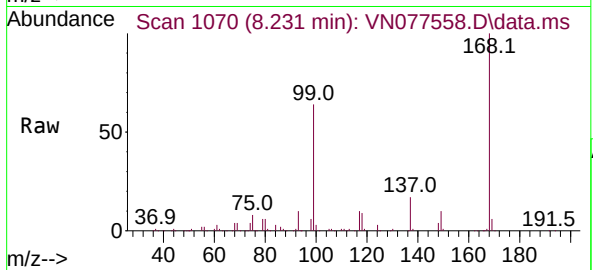




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077558.D
Acq: 03 May 2023 13:19

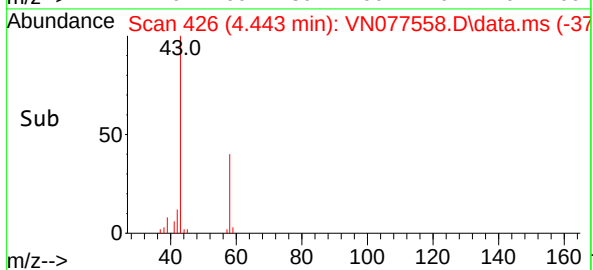
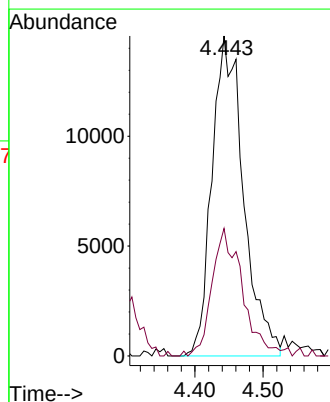
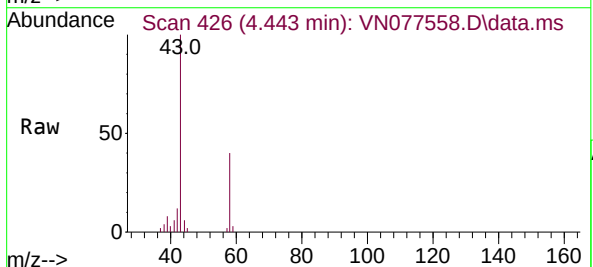
Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#03

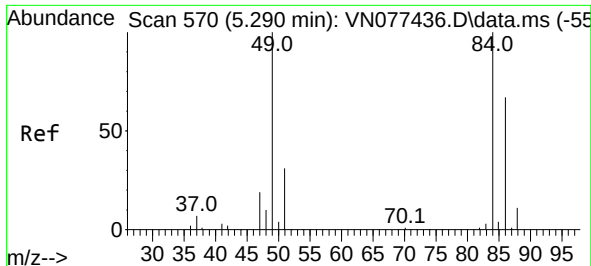
Tgt Ion:168 Resp: 732290
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6



#16
Acetone
Concen: 15.431 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077558.D
Acq: 03 May 2023 13:19

Tgt Ion: 43 Resp: 46910
Ion Ratio Lower Upper
43 100
58 39.9 28.0 42.0

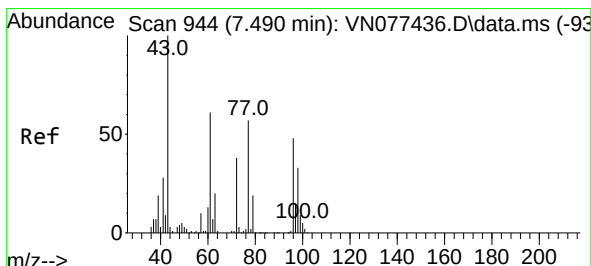
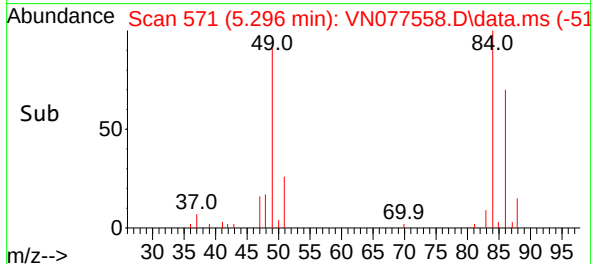
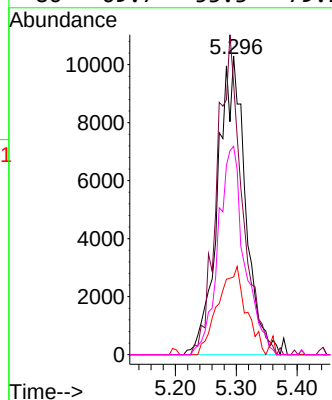
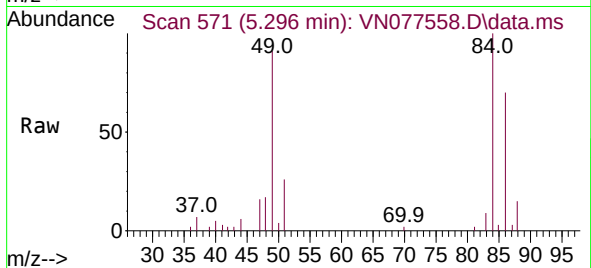




#20
Methylene Chloride
Concen: 3.377 ug/l
RT: 5.296 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077558.D
Acq: 03 May 2023 13:19

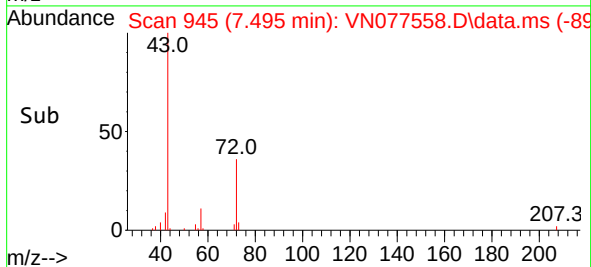
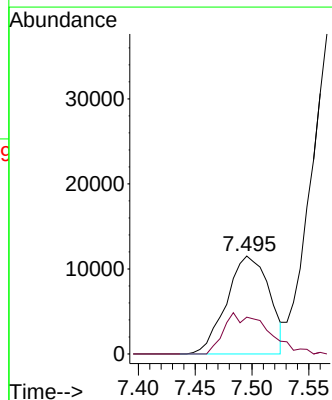
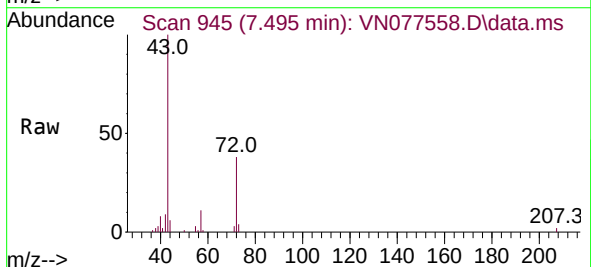
Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#03

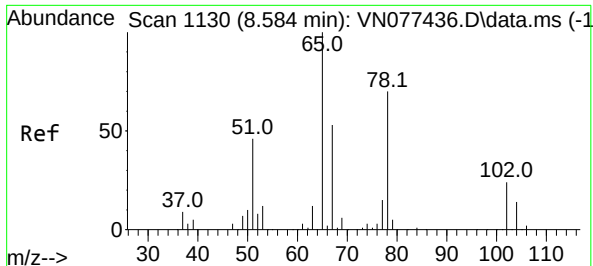
Tgt Ion: 84	Resp:	32560	
Ion	Ratio	Lower	Upper
84	100		
49	90.6	79.7	119.5
51	26.0	25.2	37.8
86	69.7	53.3	79.9



#25
2-Butanone
Concen: 6.977 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077558.D
Acq: 03 May 2023 13:19

Tgt Ion: 43	Resp: 30084
Ion Ratio	Lower Upper
43 100	
72 37.7	30.2 45.2

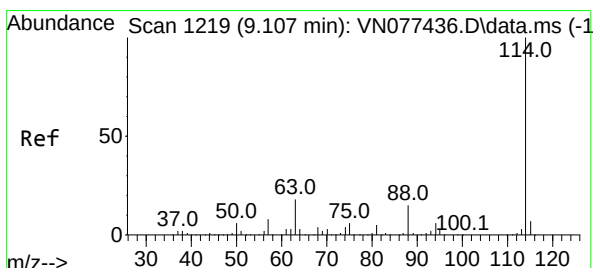
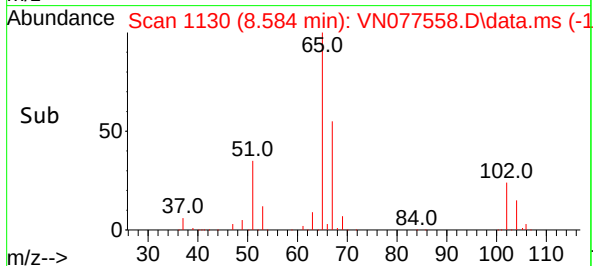
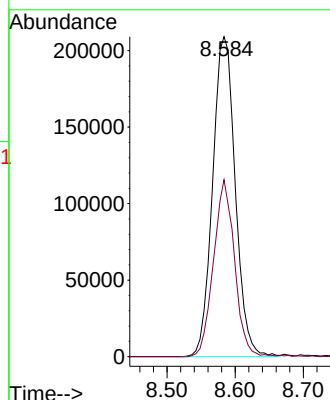
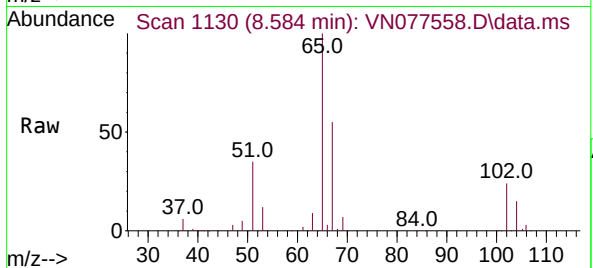




#33
1,2-Dichloroethane-d4
Concen: 50.626 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077558.D
Acq: 03 May 2023 13:19

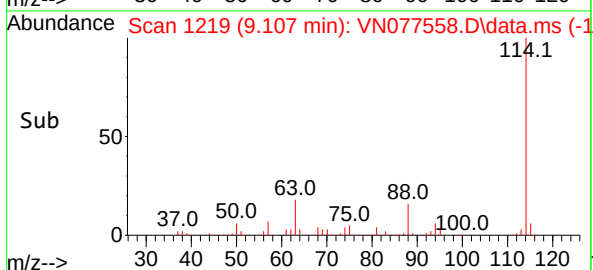
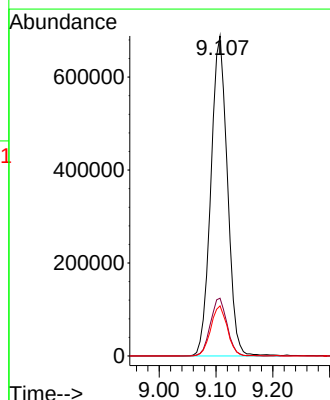
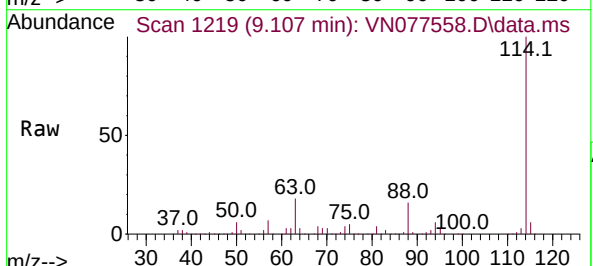
Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#03

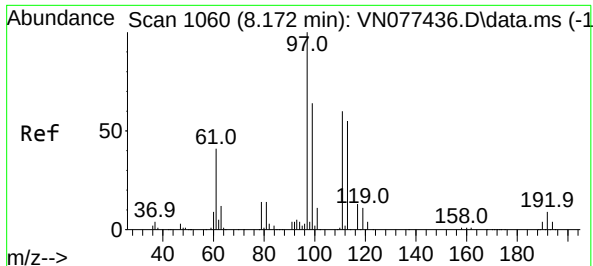
Tgt Ion: 65 Resp: 483755
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077558.D
Acq: 03 May 2023 13:19

Tgt Ion: 114 Resp: 1388396
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.4
88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.296 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077558.D

Acq: 03 May 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

PB152533ZHE#03

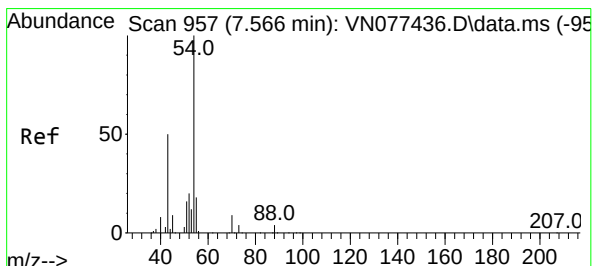
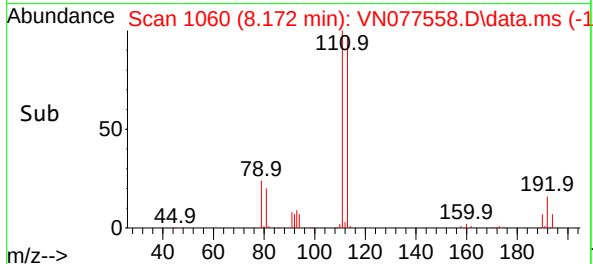
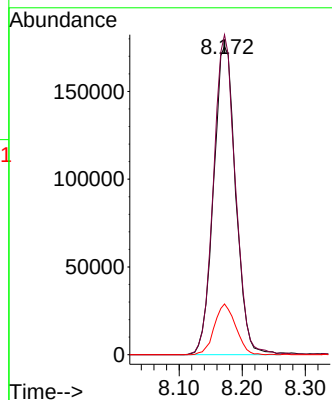
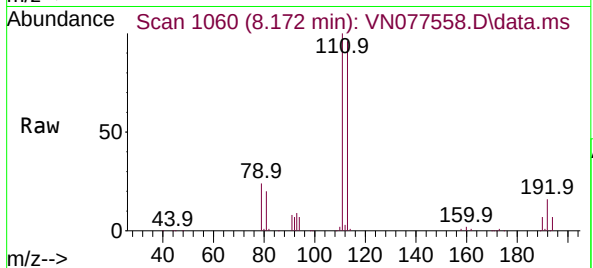
Tgt Ion:113 Resp: 428059

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 15.8 12.7 19.1



#37

Ethyl Acetate

Concen: 10.109 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN077558.D

Acq: 03 May 2023 13:19

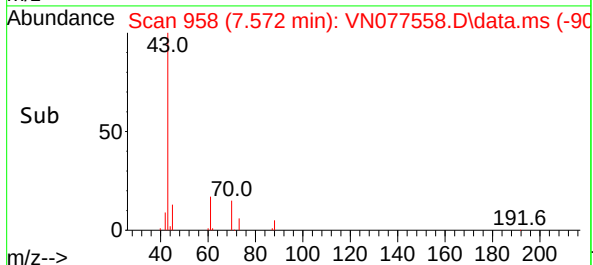
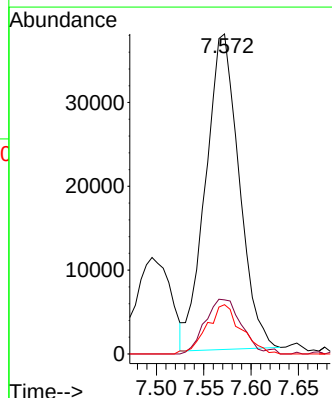
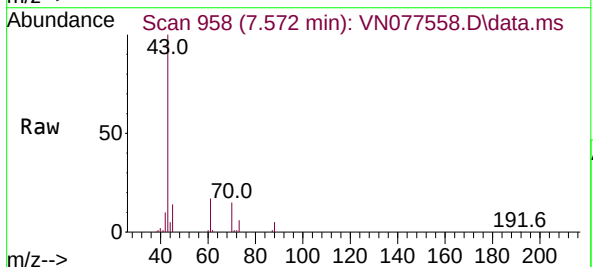
Tgt Ion: 43 Resp: 92610

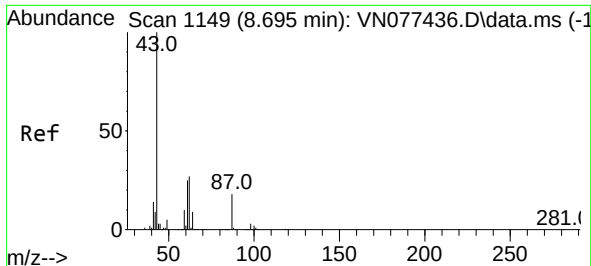
Ion Ratio Lower Upper

43 100

61 19.0 13.2 19.8

70 16.0 11.3 16.9

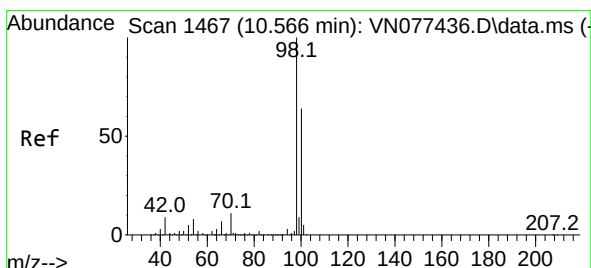
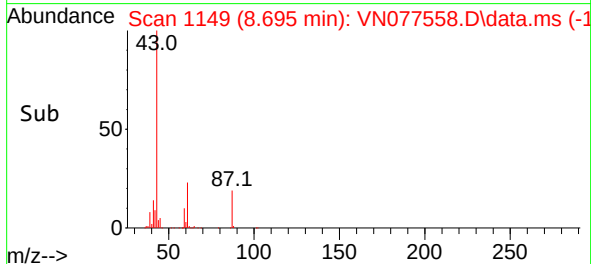
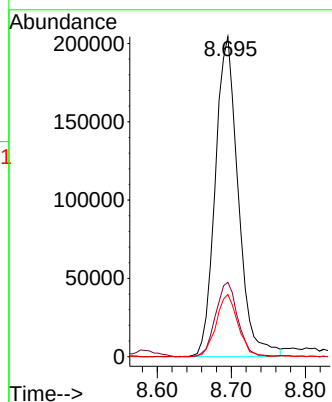
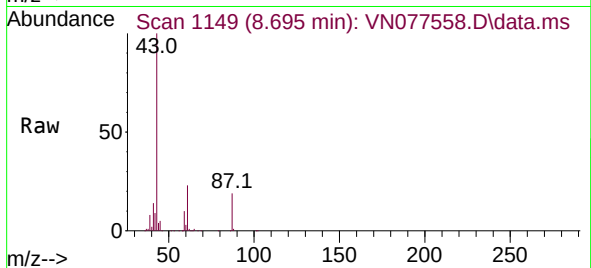




#43
Isopropyl Acetate
Concen: 27.835 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077558.D
Acq: 03 May 2023 13:19

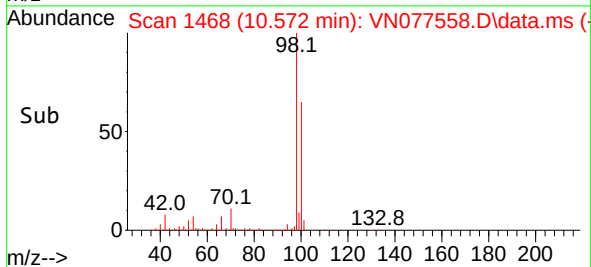
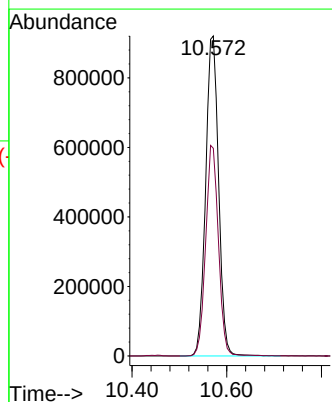
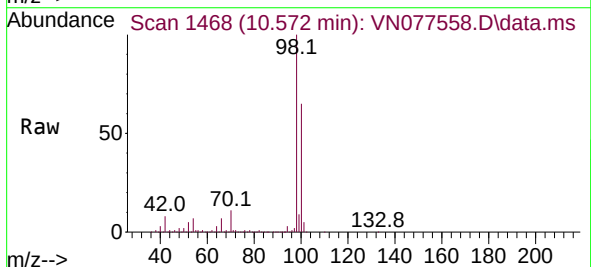
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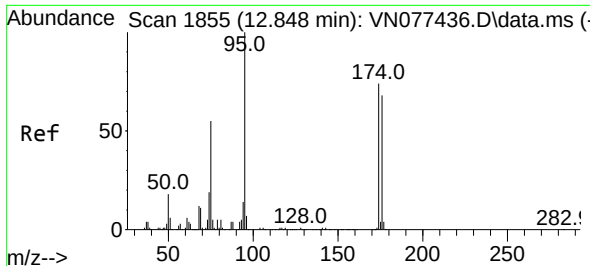
Tgt Ion: 43 Resp: 441142
Ion Ratio Lower Upper
43 100
61 22.4 24.7 37.1#
87 18.4 14.6 21.8



#50
Toluene-d8
Concen: 54.373 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077558.D
Acq: 03 May 2023 13:19

Tgt Ion: 98 Resp: 1738966
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

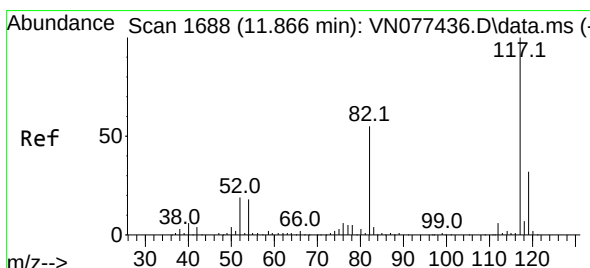
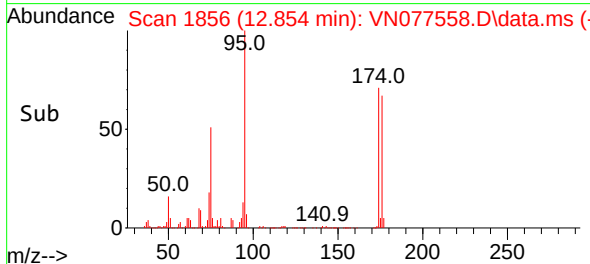
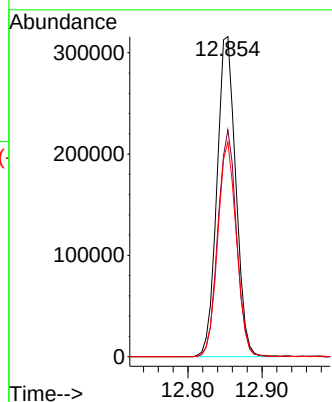
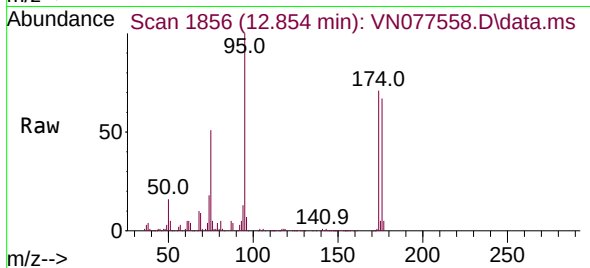




#62
4-Bromofluorobenzene
Concen: 53.338 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077558.D
Acq: 03 May 2023 13:19

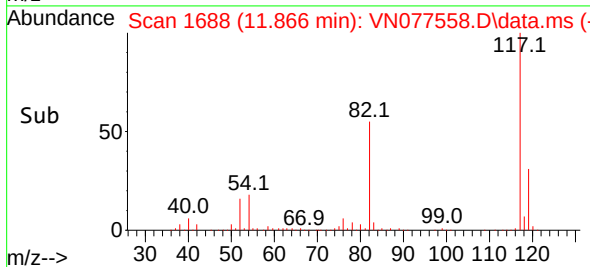
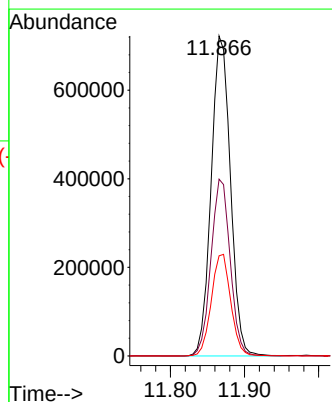
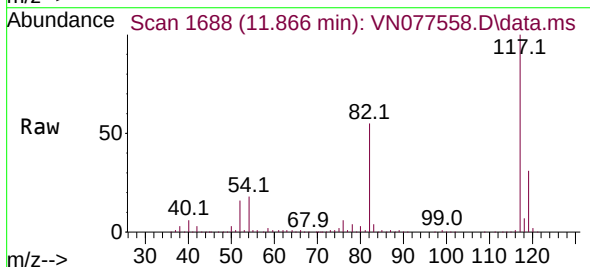
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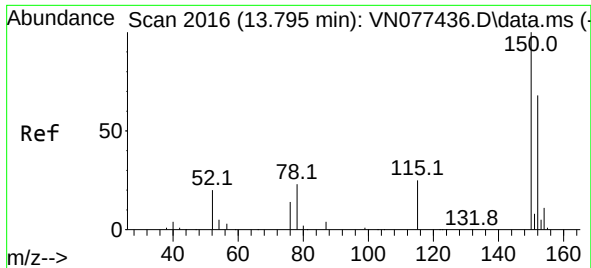
Tgt Ion: 95 Resp: 558126
Ion Ratio Lower Upper
95 100
174 69.5 0.0 143.8
176 66.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077558.D
Acq: 03 May 2023 13:19

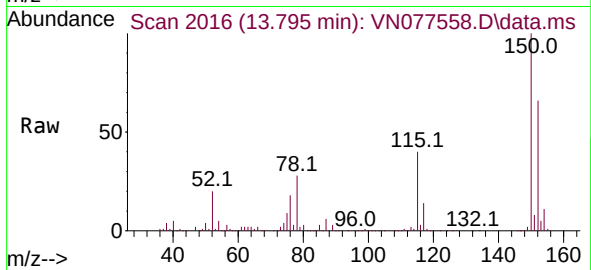
Tgt Ion: 117 Resp: 1303359
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 31.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077558.D
 Acq: 03 May 2023 13:19

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 463712
 Ion Ratio Lower Upper
 152 100
 115 64.0 32.3 96.8
 150 156.1 0.0 355.8

