

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077950.D
 Acq On : 27 May 2023 02:27
 Operator : JC\MD
 Sample : 02957-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10-0A

Quant Time: May 29 01:42:11 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)

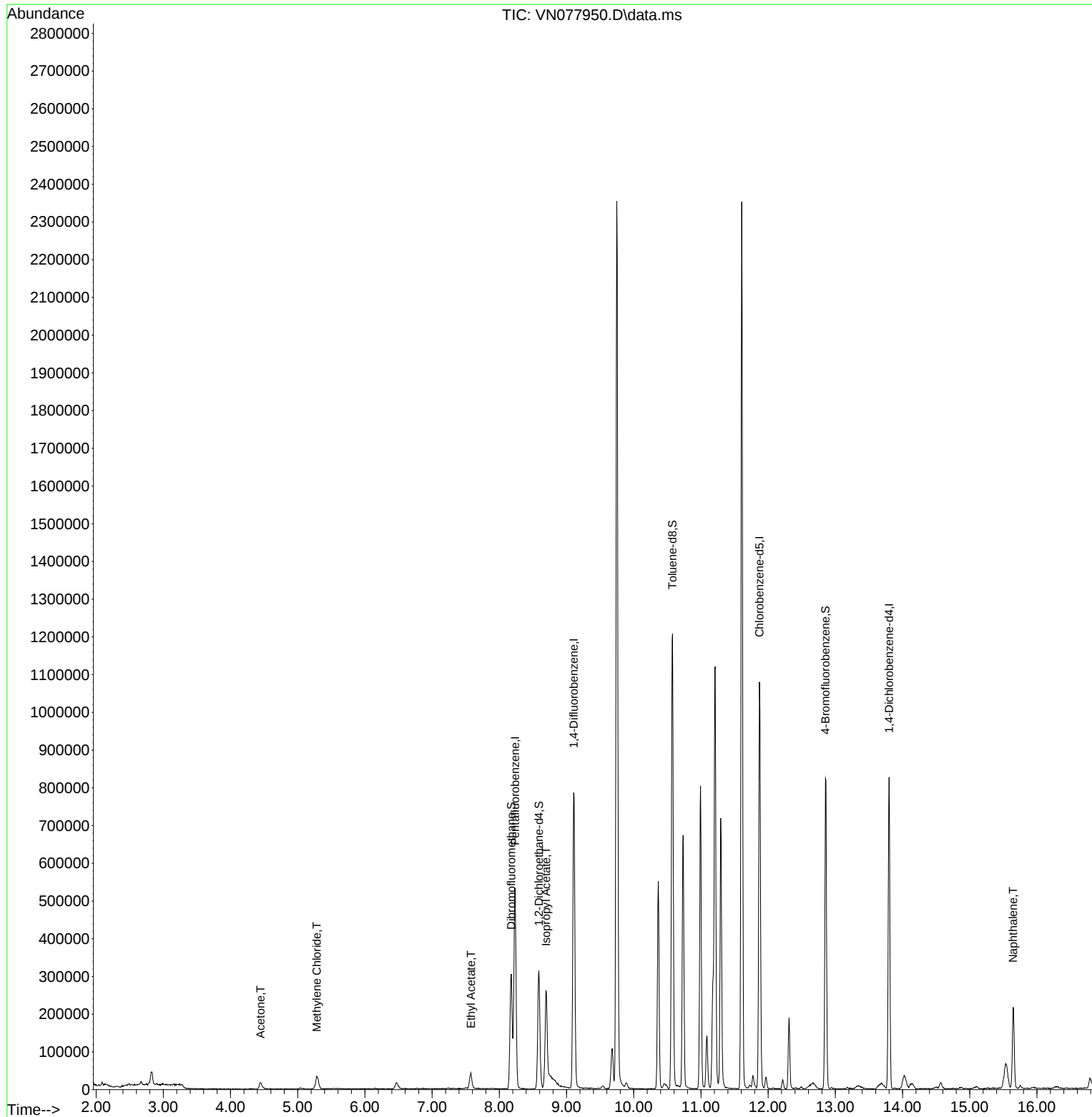
Internal Standards						
1) Pentafluorobenzene	8.236	168	383605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	706097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	647456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	222162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	257039	44.783	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.560%
35) Dibromofluoromethane	8.177	113	224222	48.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	10.577	98	879785	49.642	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.853	95	296352	47.346	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.700%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	32672	18.093	ug/l	91
20) Methylene Chloride	5.283	84	26807	3.881	ug/l	95
37) Ethyl Acetate	7.577	43	60226	10.033	ug/l	98
43) Isopropyl Acetate	8.695	43	306582	31.269	ug/l #	80
95) Naphthalene	15.647	128	199105	13.110	ug/l	98

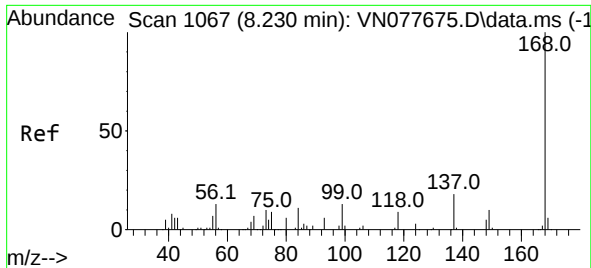
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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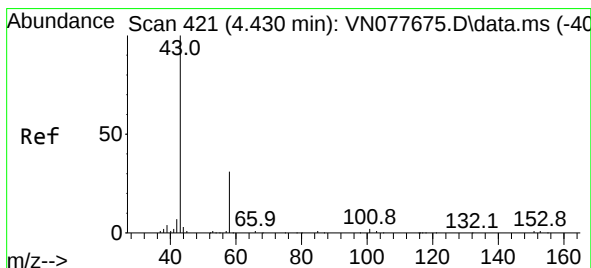
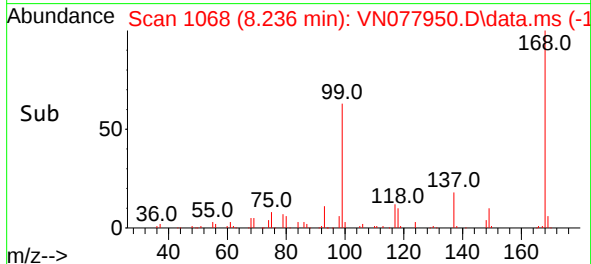
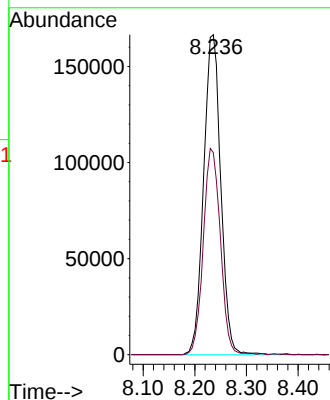
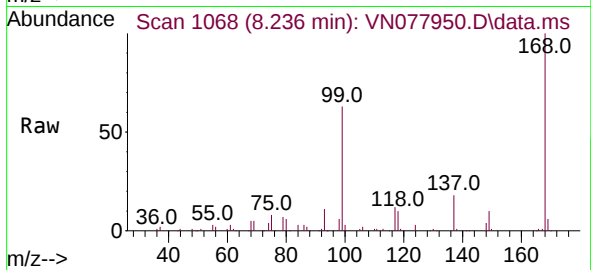




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077950.D
Acq: 27 May 2023 02:27

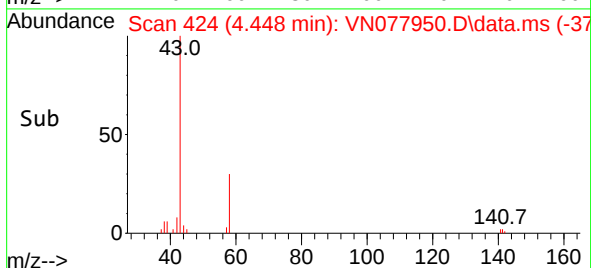
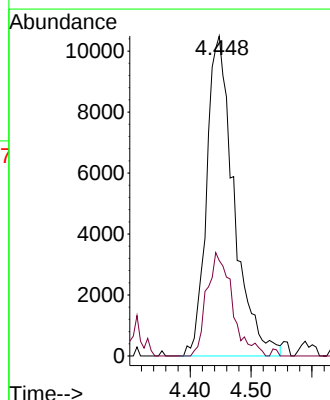
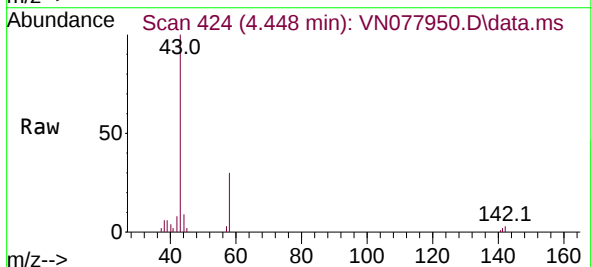
Instrument :
MSVOA_N
ClientSampleId :
TP-10-0A

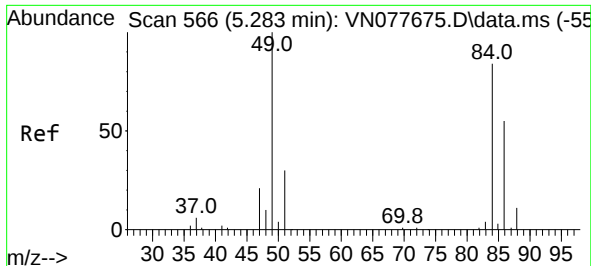
Tgt Ion:168 Resp: 383605
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#16
Acetone
Concen: 18.093 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN077950.D
Acq: 27 May 2023 02:27

Tgt Ion: 43 Resp: 32672
Ion Ratio Lower Upper
43 100
58 29.8 28.0 42.0

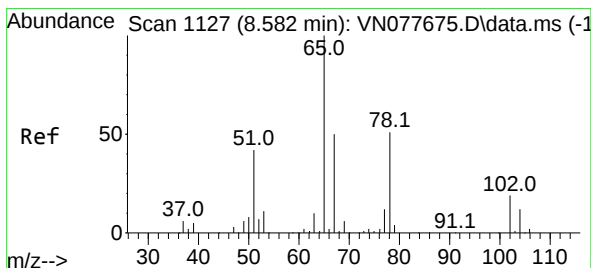
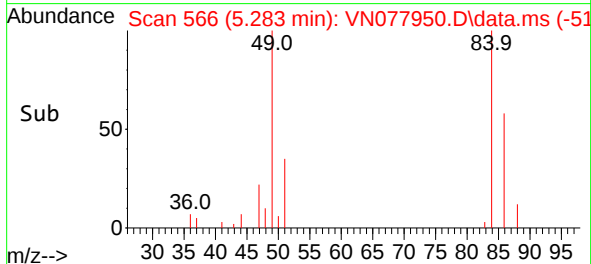
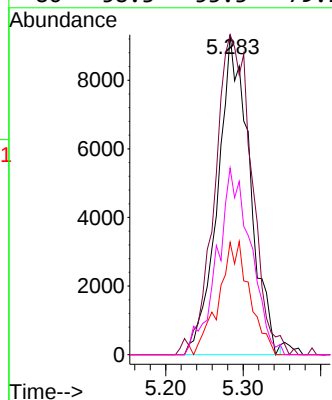
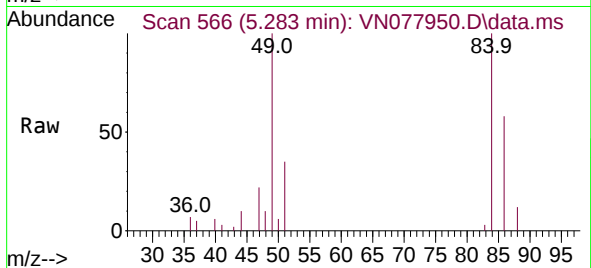




#20
Methylene Chloride
Concen: 3.881 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN077950.D
Acq: 27 May 2023 02:27

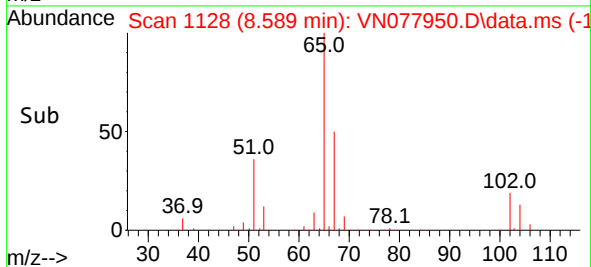
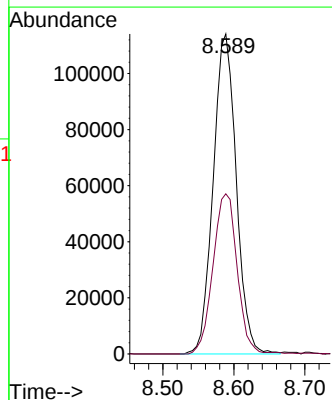
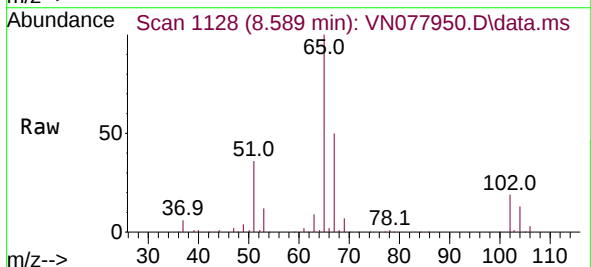
Instrument :
MSVOA_N
ClientSampleId :
TP-10-0A

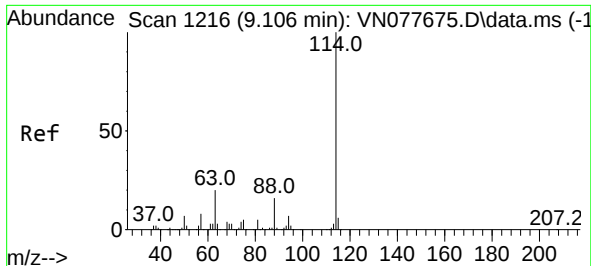
Tgt Ion: 84	Resp: 26807
Ion Ratio	Lower Upper
84 100	
49 98.1	79.7 119.5
51 35.1	25.2 37.8
86 58.3	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 44.783 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VN077950.D
Acq: 27 May 2023 02:27

Tgt Ion: 65	Resp: 257039
Ion Ratio	Lower Upper
65 100	
67 52.6	0.0 106.6

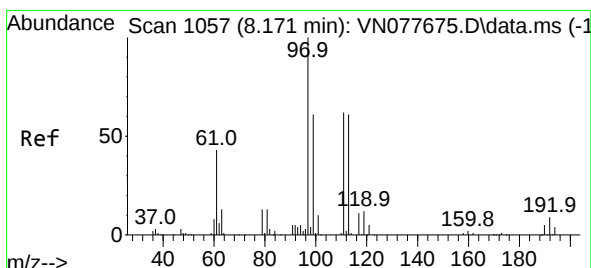
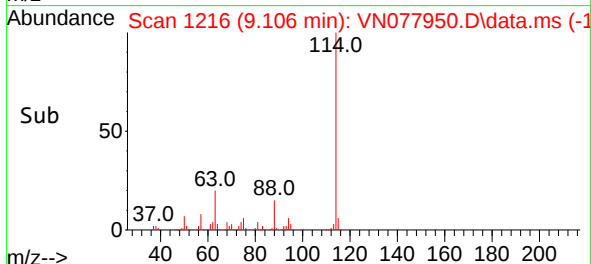
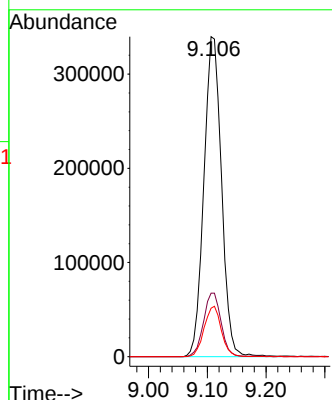
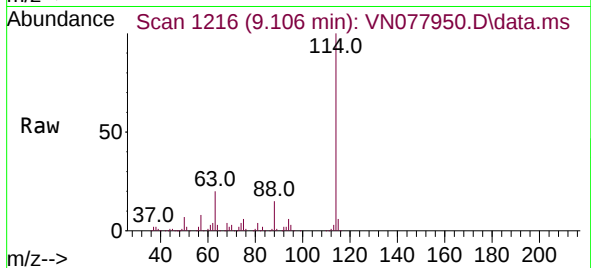




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077950.D
Acq: 27 May 2023 02:27

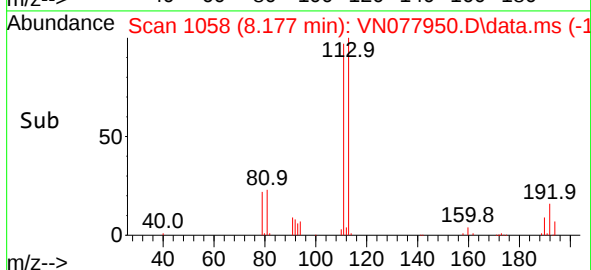
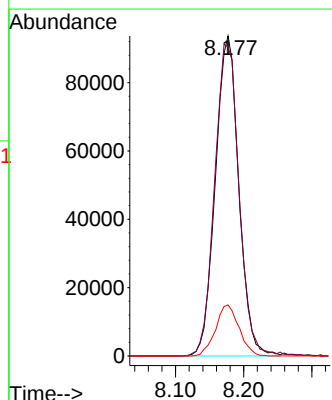
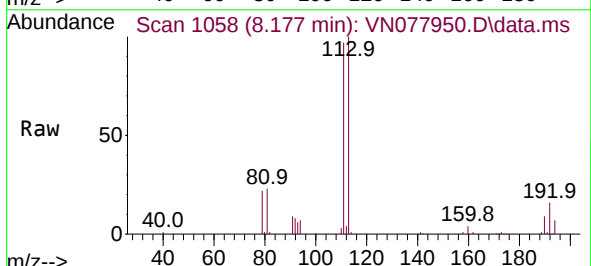
Instrument :
MSVOA_N
ClientSampleId :
TP-10-0A

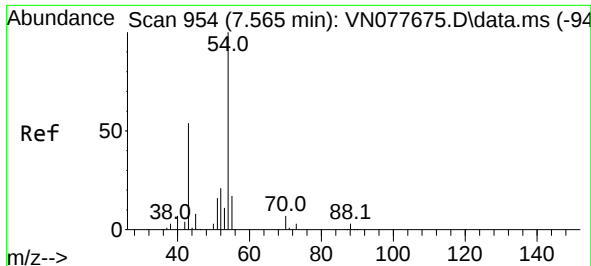
Tgt Ion:114 Resp: 706097
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.698 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077950.D
Acq: 27 May 2023 02:27

Tgt Ion:113 Resp: 224222
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 16.0 12.7 19.1





#37

Ethyl Acetate

Concen: 10.033 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN077950.D

Acq: 27 May 2023 02:27

Instrument :

MSVOA_N

ClientSampleId :

TP-10-0A

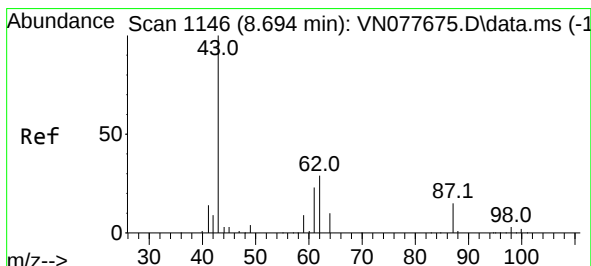
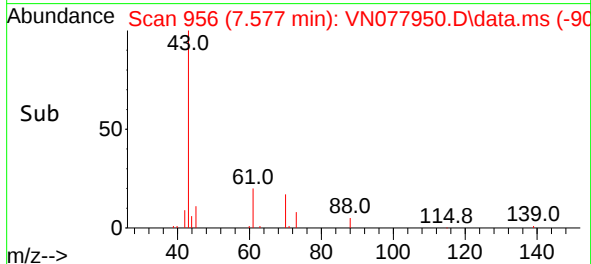
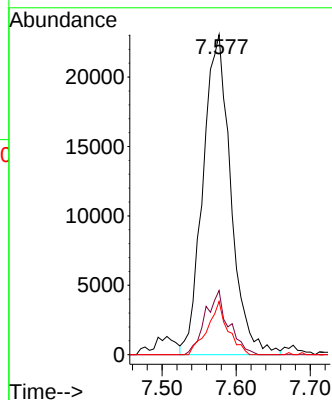
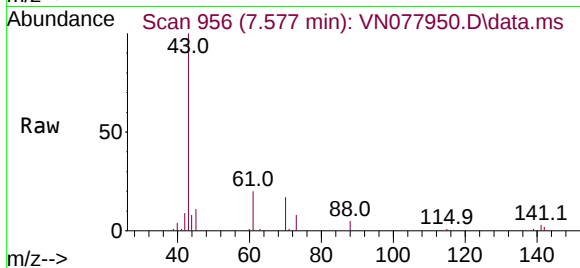
Tgt Ion: 43 Resp: 60226

Ion Ratio Lower Upper

43 100

61 16.8 13.2 19.8

70 12.2 11.3 16.9



#43

Isopropyl Acetate

Concen: 31.269 ug/l

RT: 8.695 min Scan# 1146

Delta R.T. 0.001 min

Lab File: VN077950.D

Acq: 27 May 2023 02:27

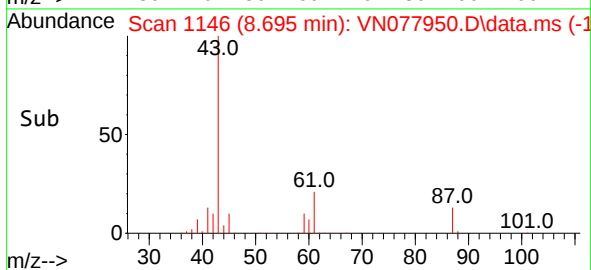
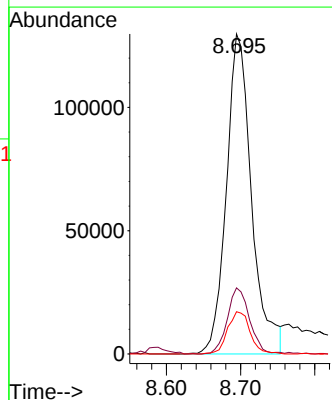
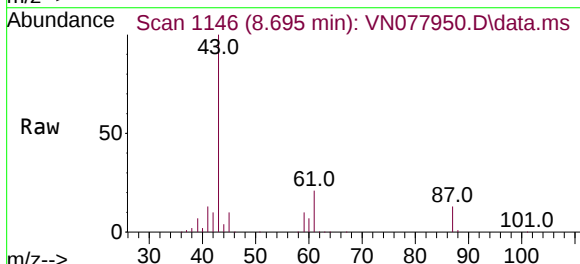
Tgt Ion: 43 Resp: 306582

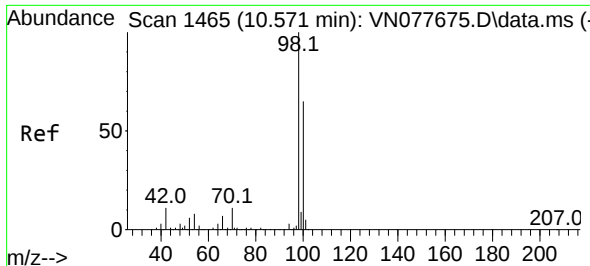
Ion Ratio Lower Upper

43 100

61 18.3 24.7 37.1#

87 11.8 14.6 21.8#

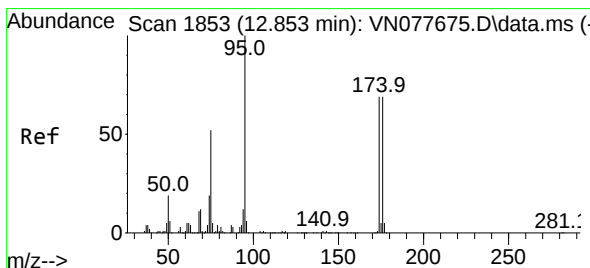
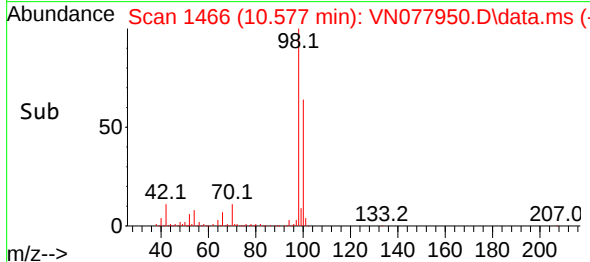
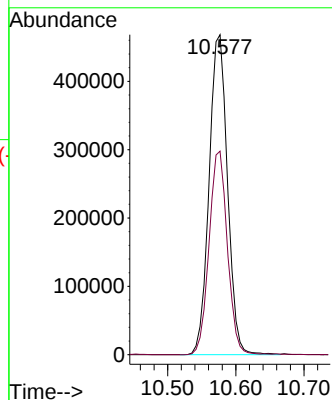
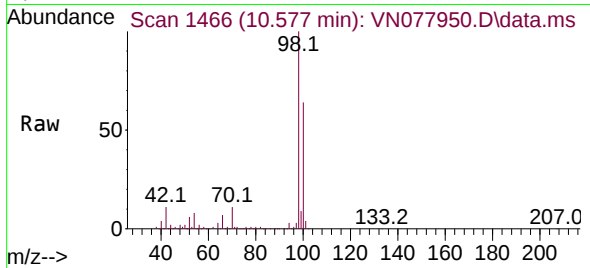




#50
Toluene-d8
Concen: 49.642 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077950.D
Acq: 27 May 2023 02:27

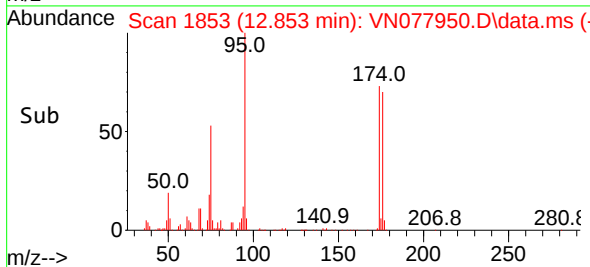
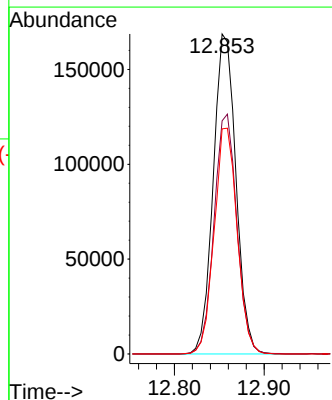
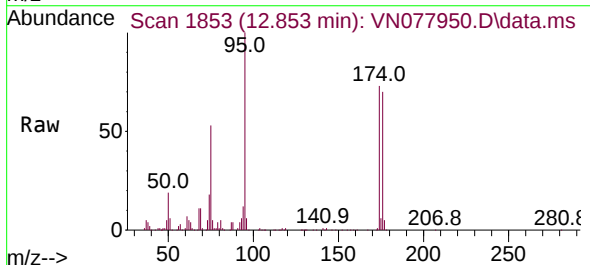
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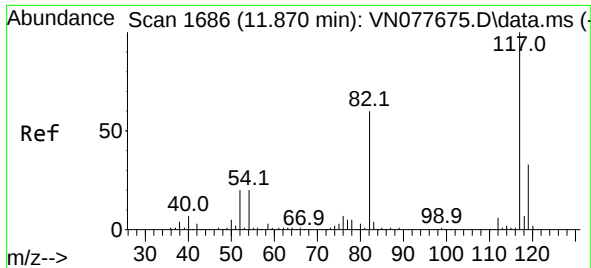
Tgt Ion: 98 Resp: 879785
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.346 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN077950.D
Acq: 27 May 2023 02:27

Tgt Ion: 95 Resp: 296352
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 71.4 0.0 135.8

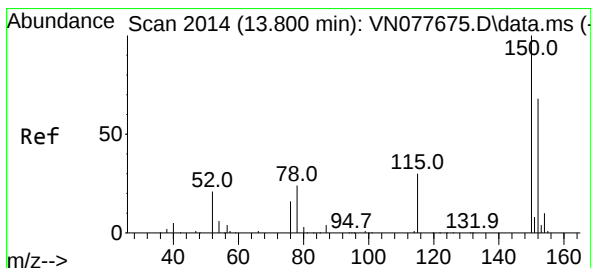
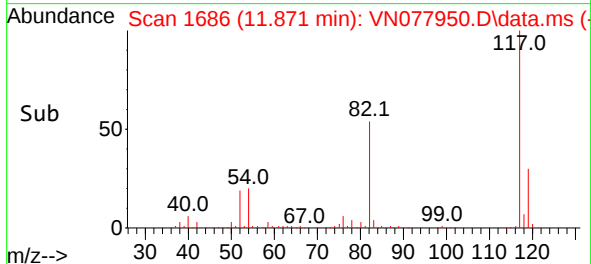
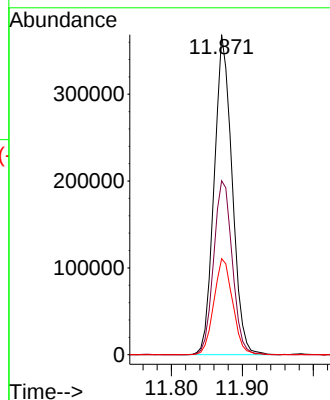
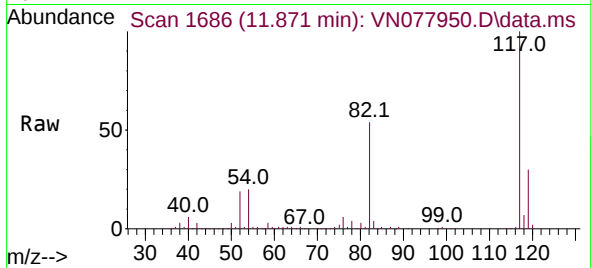




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN077950.D
Acq: 27 May 2023 02:27

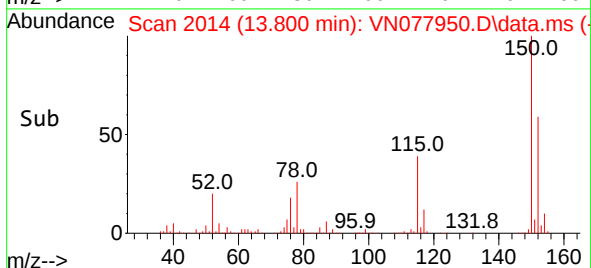
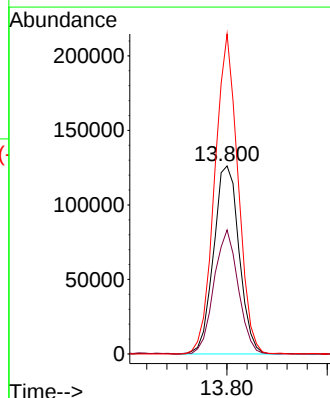
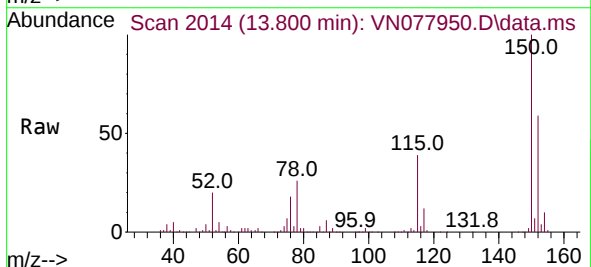
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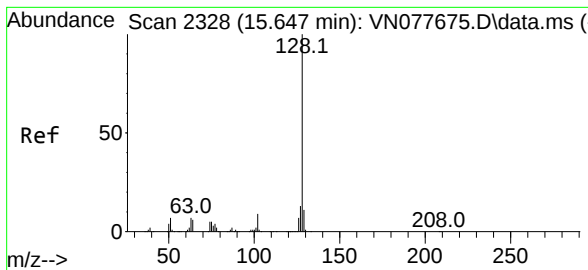
Tgt Ion:117 Resp: 647456
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 30.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN077950.D
Acq: 27 May 2023 02:27

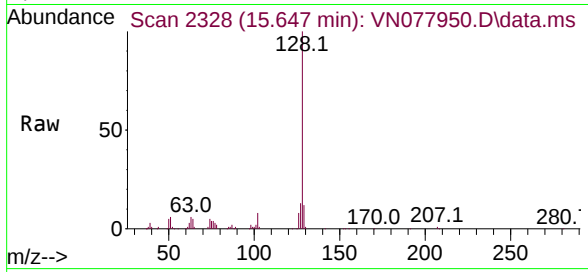
Tgt Ion:152 Resp: 222162
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 155.8 0.0 355.8





#95
Naphthalene
Concen: 13.110 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077950.D
Acq: 27 May 2023 02:27

Instrument :
MSVOA_N
ClientSampleId :
TP-10-0A



Tgt Ion:	128	Resp:	199105
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.0	15.0
129	11.0	8.7	13.1

