

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077516.D
 Acq On : 29 Apr 2023 14:03
 Operator : JC\MD
 Sample : PB152434TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152434TB

Quant Time: May 01 01:23:20 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)

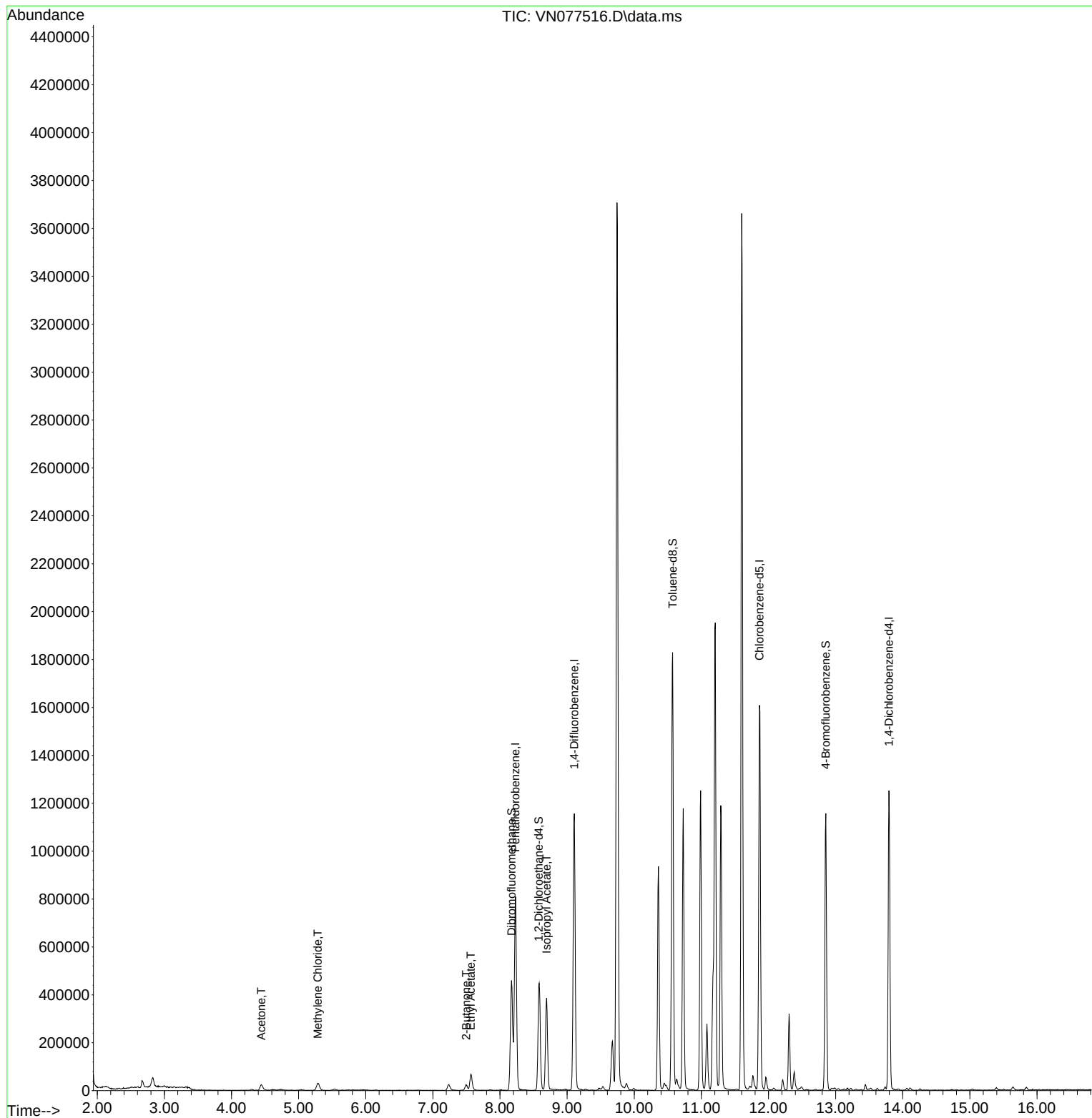
Internal Standards						
1) Pentafluorobenzene	8.231	168	569242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1077434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1014535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	344881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.578	65	378164	50.911	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.820%	
35) Dibromofluoromethane	8.172	113	332290	51.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.620%	
50) Toluene-d8	10.572	98	1343222	54.120	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.240%	
62) 4-Bromofluorobenzene	12.854	95	425433	52.392	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.780%	
Target Compounds						
						Qvalue
16) Acetone	4.443	43	44282	18.739	ug/l #	87
20) Methylene Chloride	5.284	84	27060	3.611	ug/l #	86
25) 2-Butanone	7.495	43	32613	9.730	ug/l	95
37) Ethyl Acetate	7.566	43	95075	13.373	ug/l	98
43) Isopropyl Acetate	8.695	43	404720	32.907	ug/l #	92

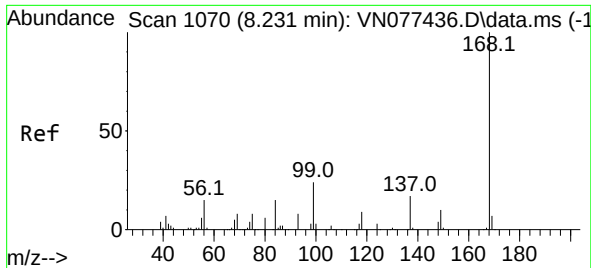
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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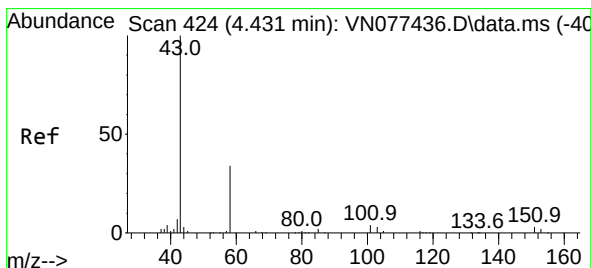
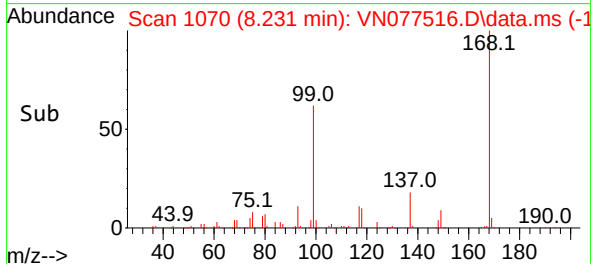
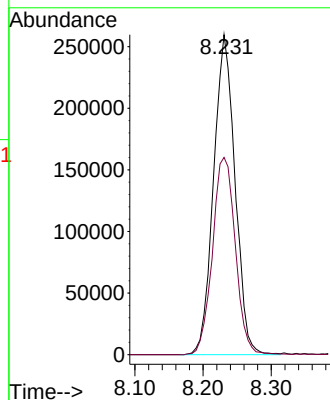
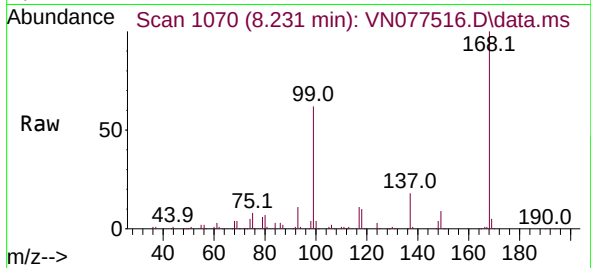




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077516.D
Acq: 29 Apr 2023 14:03

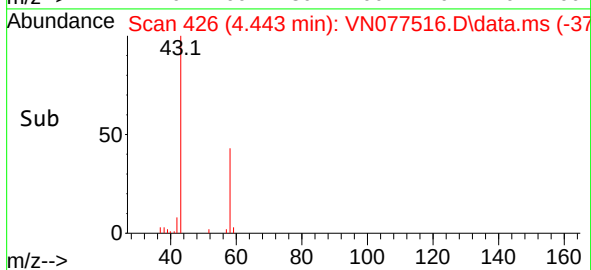
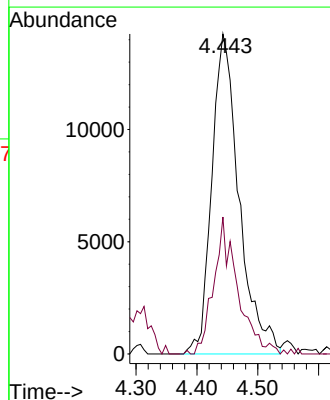
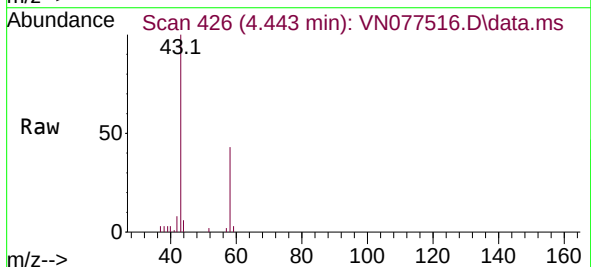
Instrument :
MSVOA_N
ClientSampleId :
PB152434TB

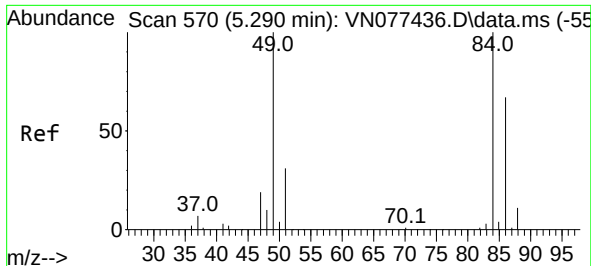
Tgt Ion:168 Resp: 569242
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#16
Acetone
Concen: 18.739 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077516.D
Acq: 29 Apr 2023 14:03

Tgt Ion: 43 Resp: 44282
Ion Ratio Lower Upper
43 100
58 42.8 28.0 42.0#

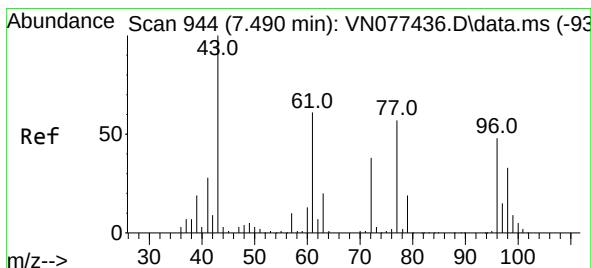
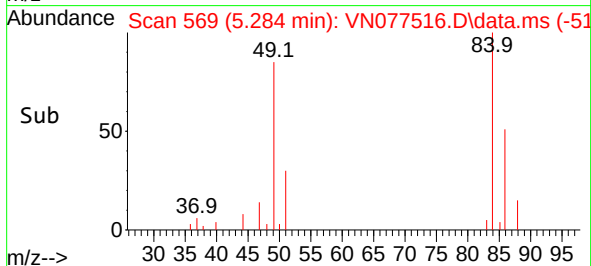
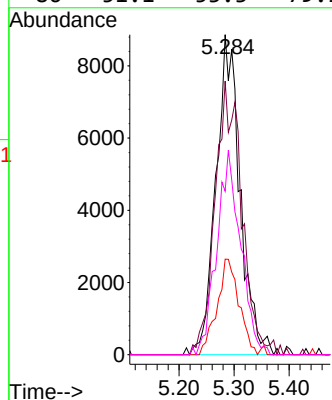
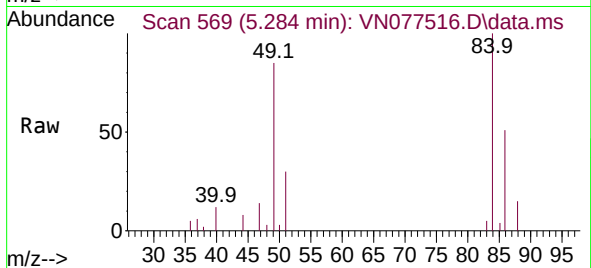




#20
Methylene Chloride
Concen: 3.611 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077516.D
Acq: 29 Apr 2023 14:03

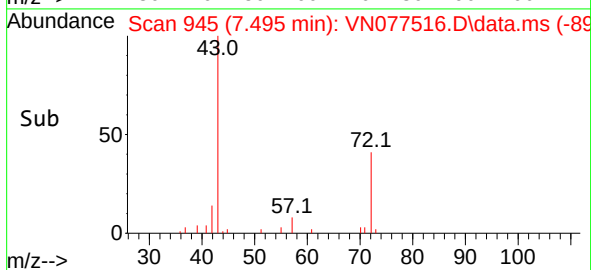
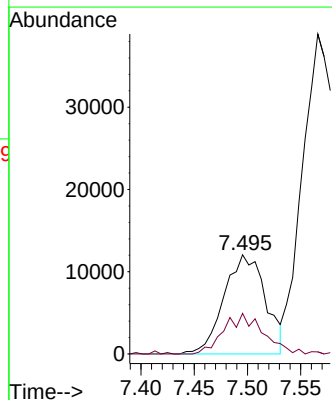
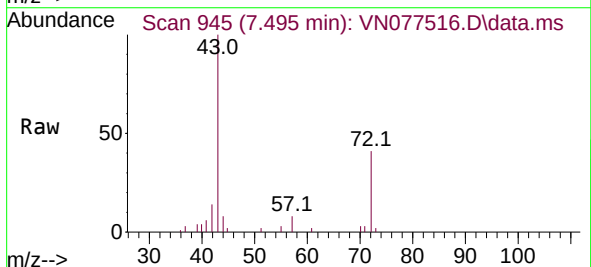
Instrument :
MSVOA_N
ClientSampleId :
PB152434TB

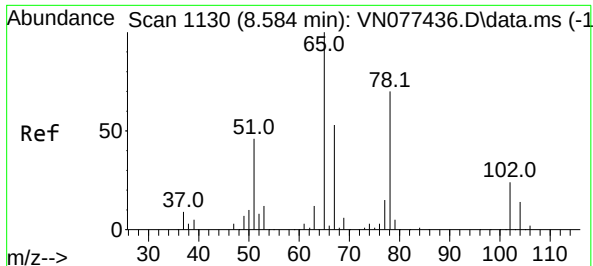
Tgt Ion: 84	Resp: 27060
Ion Ratio	Lower Upper
84 100	
49 85.5	79.7 119.5
51 29.8	25.2 37.8
86 51.1	53.3 79.9#



#25
2-Butanone
Concen: 9.730 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077516.D
Acq: 29 Apr 2023 14:03

Tgt Ion: 43	Resp: 32613
Ion Ratio	Lower Upper
43 100	
72 40.9	30.2 45.2

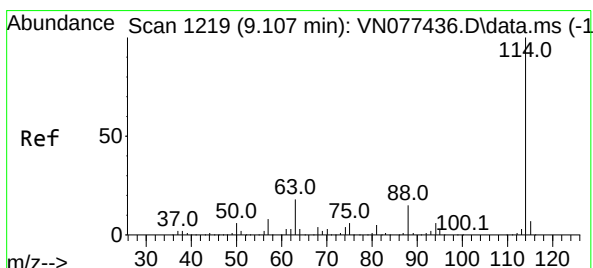
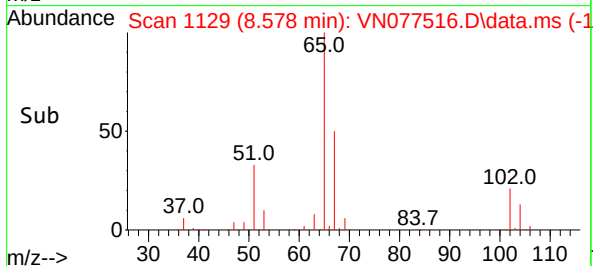
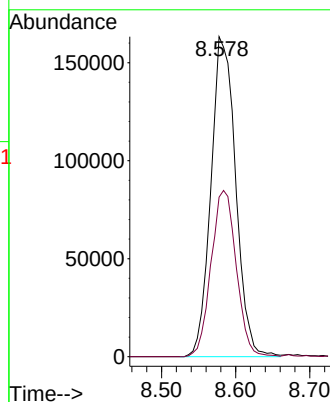
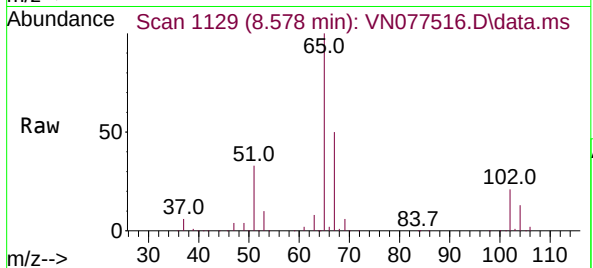




#33
 1,2-Dichloroethane-d4
 Concen: 50.911 ug/l
 RT: 8.578 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VN077516.D
 Acq: 29 Apr 2023 14:03

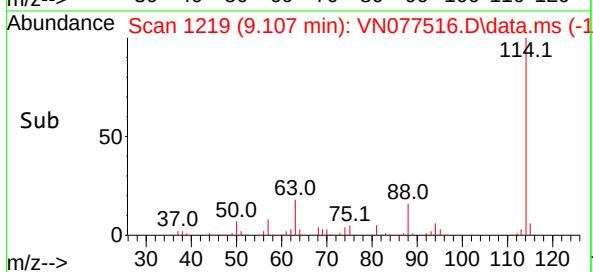
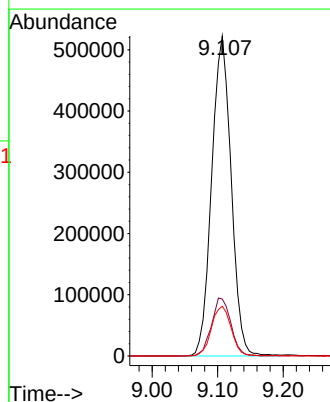
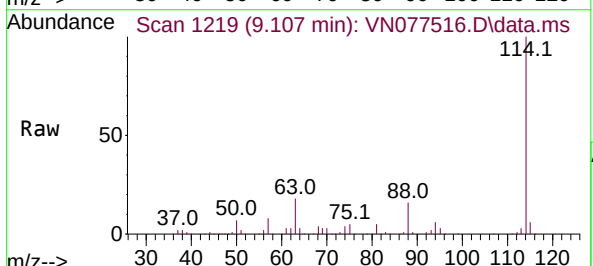
Instrument :
 MSVOA_N
 ClientSampleId :
 PB152434TB

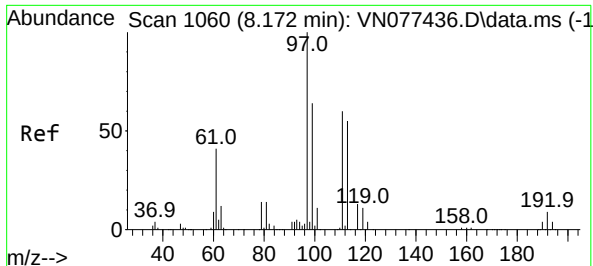
Tgt Ion: 65 Resp: 378164
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VN077516.D
 Acq: 29 Apr 2023 14:03

Tgt Ion: 114 Resp: 1077434
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.4
 88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.312 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077516.D

Acq: 29 Apr 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB152434TB

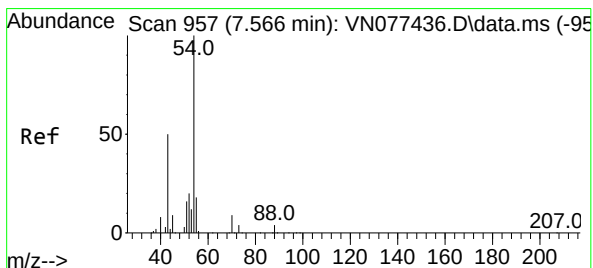
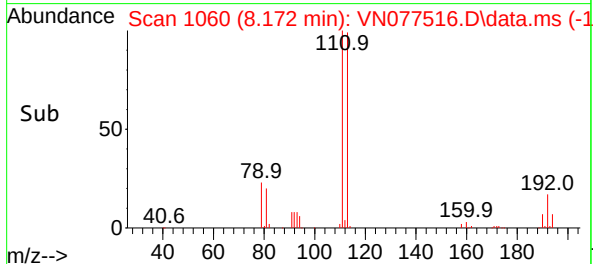
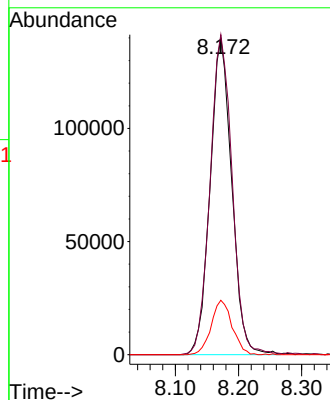
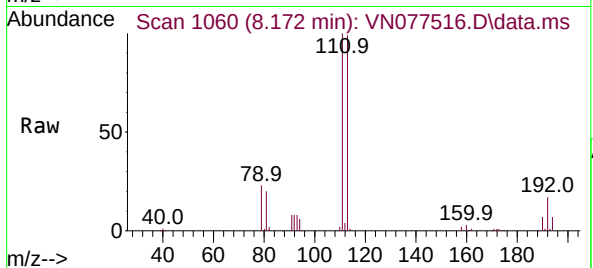
Tgt Ion:113 Resp: 332290

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 16.7 12.7 19.1



#37

Ethyl Acetate

Concen: 13.373 ug/l

RT: 7.566 min Scan# 957

Delta R.T. -0.000 min

Lab File: VN077516.D

Acq: 29 Apr 2023 14:03

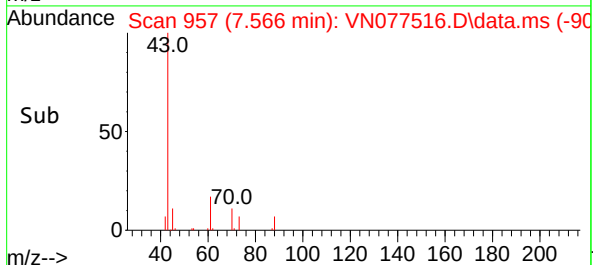
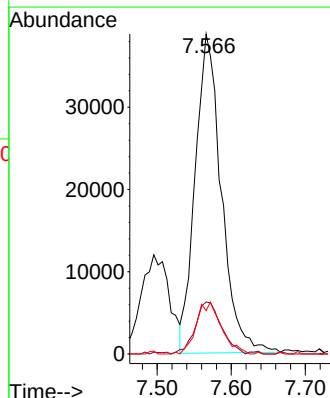
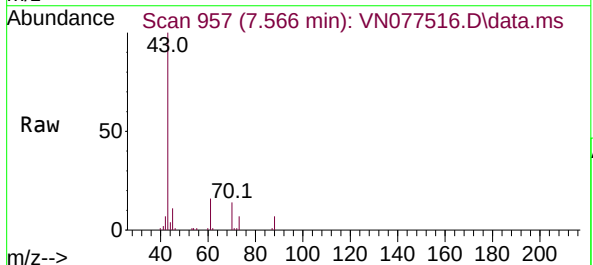
Tgt Ion: 43 Resp: 95075

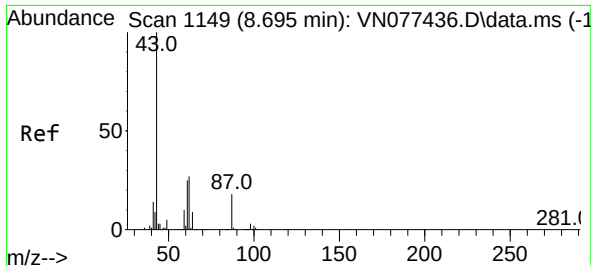
Ion Ratio Lower Upper

43 100

61 16.3 13.2 19.8

70 15.7 11.3 16.9

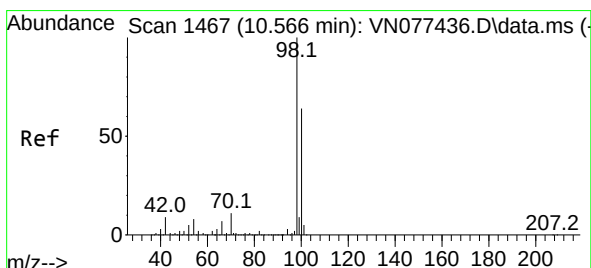
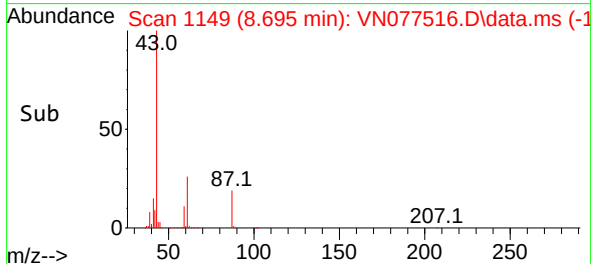
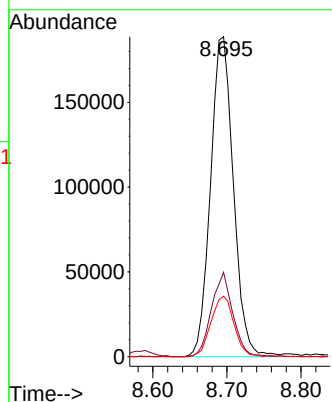
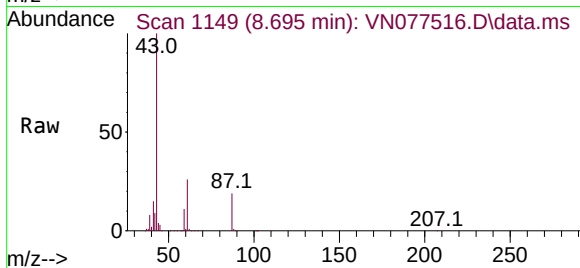




#43
Isopropyl Acetate
Concen: 32.907 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077516.D
Acq: 29 Apr 2023 14:03

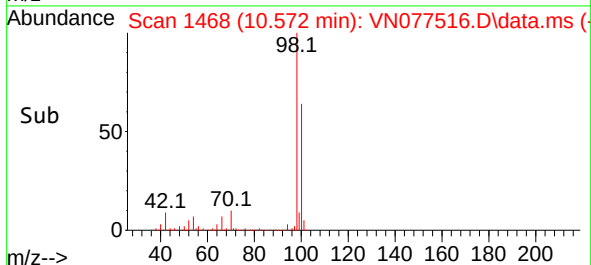
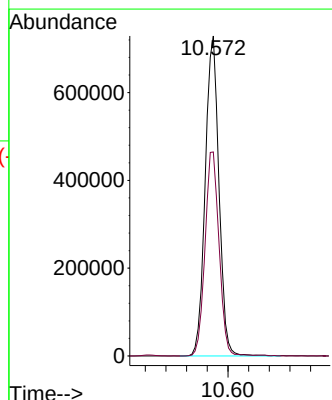
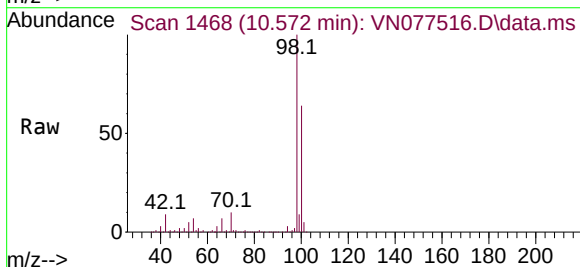
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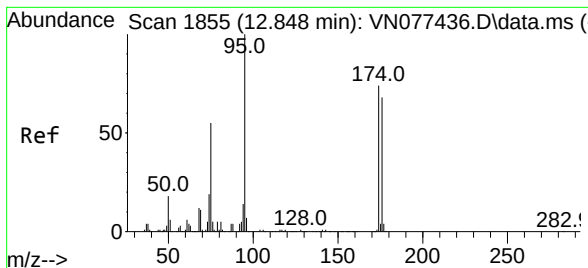
Tgt Ion: 43 Resp: 404720
Ion Ratio Lower Upper
43 100
61 24.5 24.7 37.1#
87 19.0 14.6 21.8



#50
Toluene-d8
Concen: 54.120 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077516.D
Acq: 29 Apr 2023 14:03

Tgt Ion: 98 Resp: 1343222
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

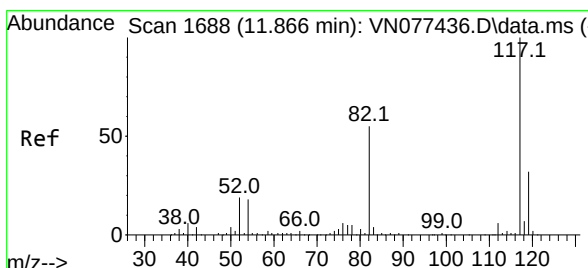
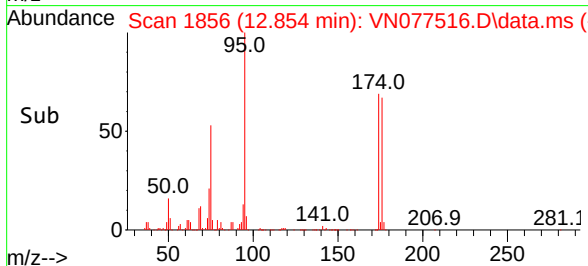
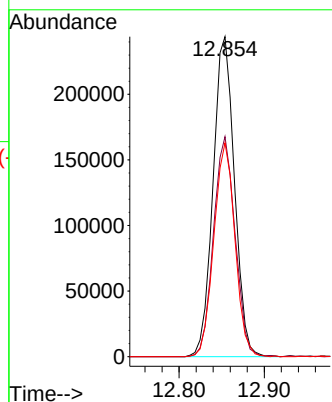
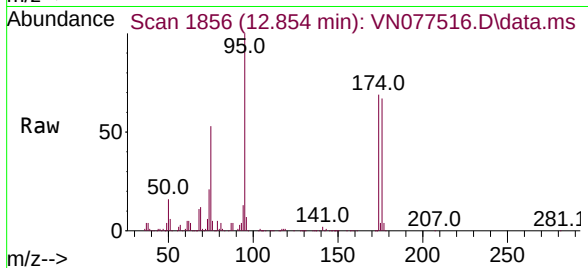




#62
4-Bromofluorobenzene
Concen: 52.392 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077516.D
Acq: 29 Apr 2023 14:03

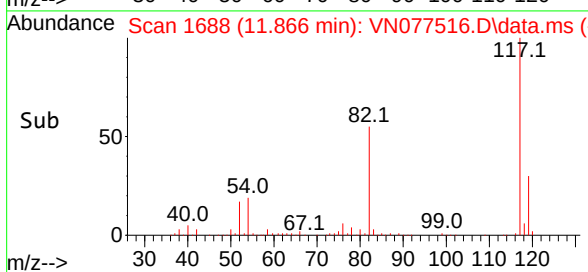
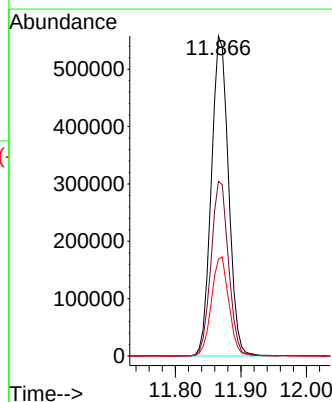
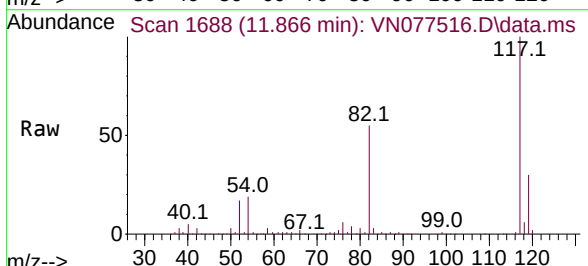
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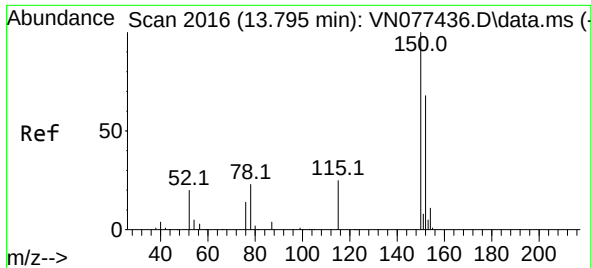
Tgt Ion: 95 Resp: 425433
Ion Ratio Lower Upper
95 100
174 69.6 0.0 143.8
176 65.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077516.D
Acq: 29 Apr 2023 14:03

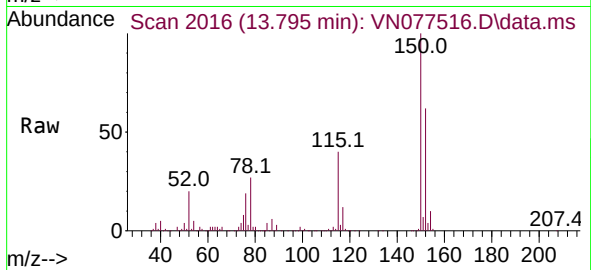
Tgt Ion: 117 Resp: 1014535
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 30.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077516.D
 Acq: 29 Apr 2023 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152434TB



Tgt Ion:152 Resp: 344881
 Ion Ratio Lower Upper
 152 100
 115 63.6 32.3 96.8
 150 157.9 0.0 355.8

