

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077525.D
 Acq On : 29 Apr 2023 17:41
 Operator : JC\MD
 Sample : 02502-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-511-VOC-01

Quant Time: May 01 01:25:09 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)

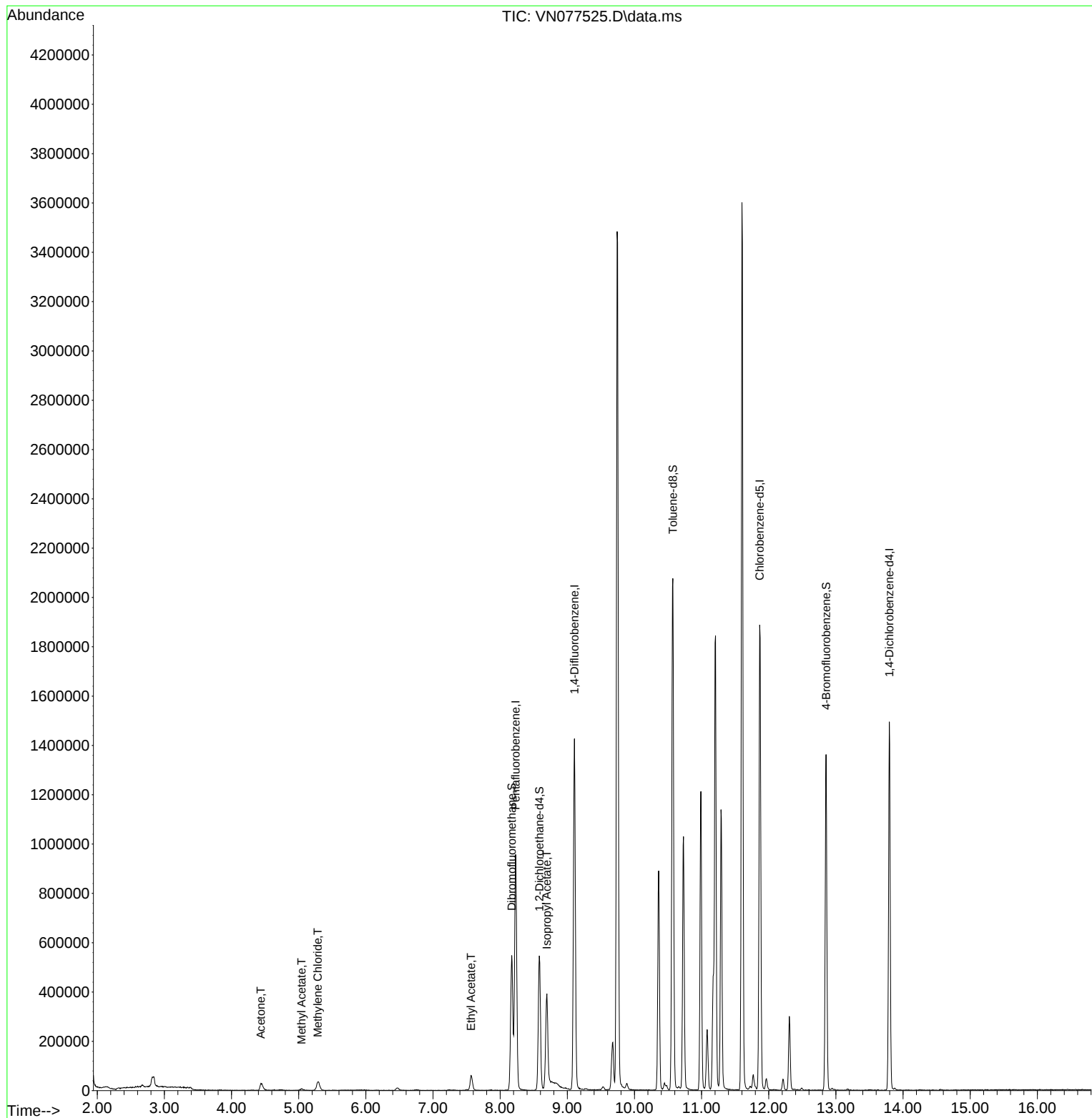
Internal Standards						
1) Pentafluorobenzene	8.230	168	676595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1284004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1165860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	403188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	456509	51.707	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.420%	
35) Dibromofluoromethane	8.172	113	386929	50.137	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.280%	
50) Toluene-d8	10.572	98	1568733	53.038	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.080%	
62) 4-Bromofluorobenzene	12.854	95	490413	50.678	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.360%	
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	50080	17.830	ug/l	93
18) Methyl Acetate	5.042	43	11225	1.035	ug/l #	79
20) Methylene Chloride	5.284	84	30945	3.474	ug/l #	82
37) Ethyl Acetate	7.566	43	83927	9.906	ug/l	98
43) Isopropyl Acetate	8.695	43	461043	31.455	ug/l #	85

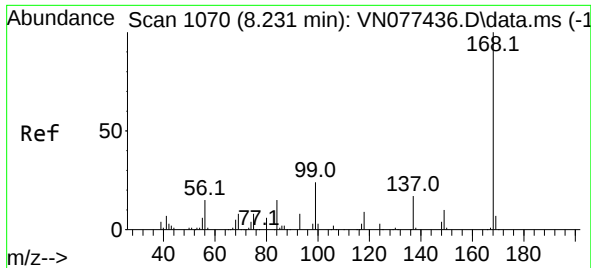
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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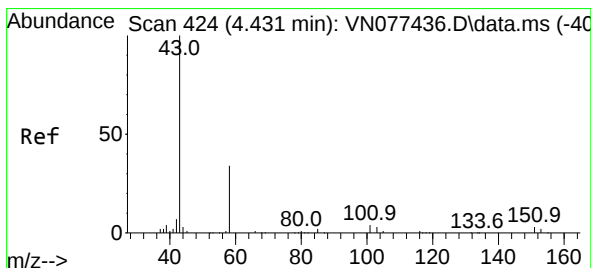
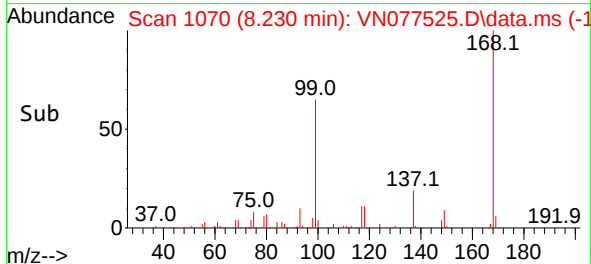
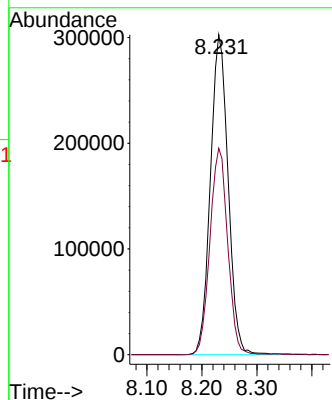
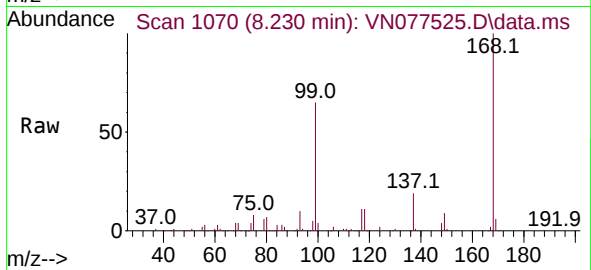




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077525.D
Acq: 29 Apr 2023 17:41

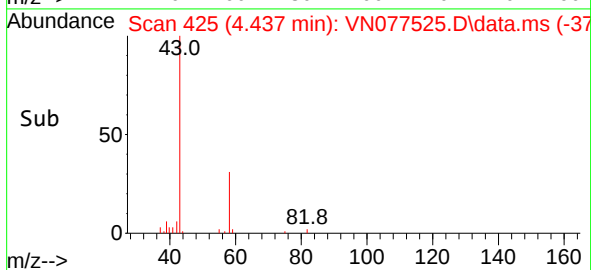
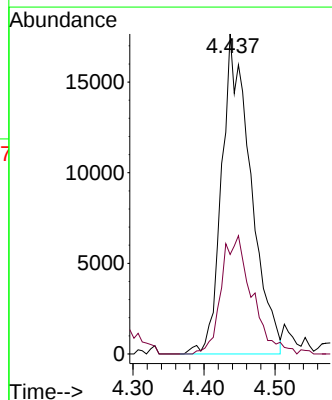
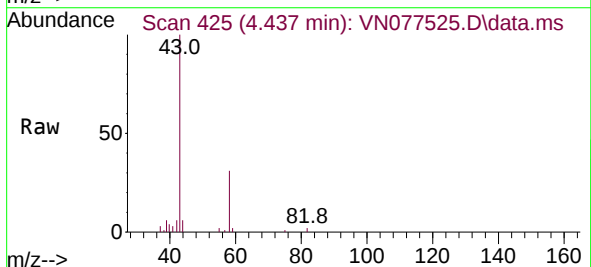
Instrument :
MSVOA_N
ClientSampleId :
BU-511-VOC-01

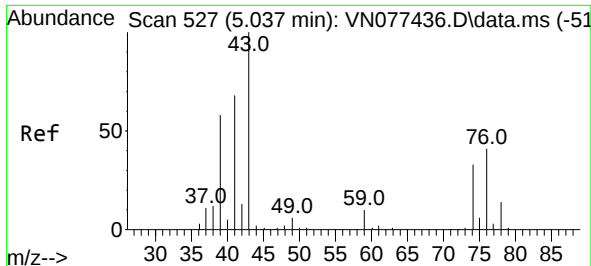
Tgt Ion:168 Resp: 676595
Ion Ratio Lower Upper
168 100
99 64.5 53.0 79.6



#16
Acetone
Concen: 17.830 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077525.D
Acq: 29 Apr 2023 17:41

Tgt Ion: 43 Resp: 50080
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0

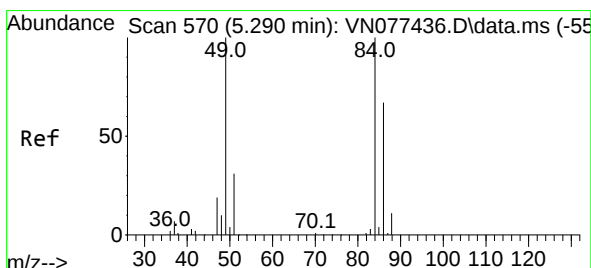
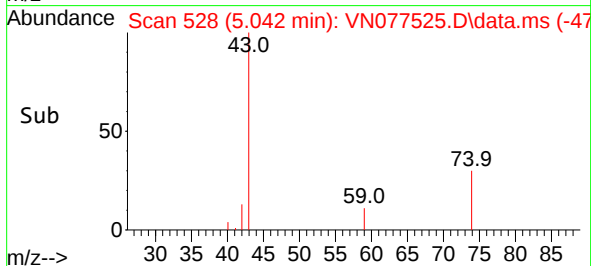
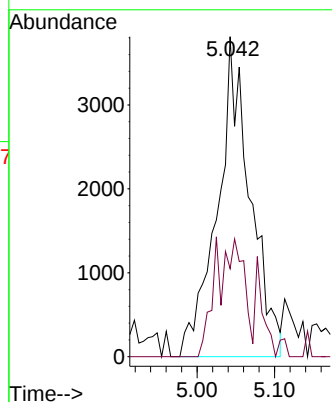
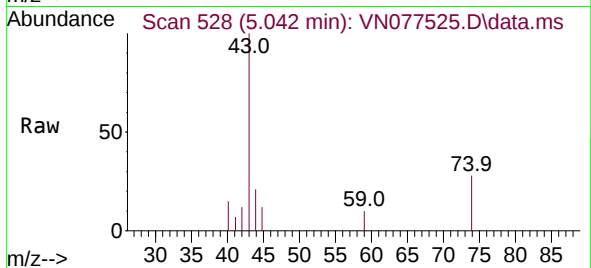




#18
Methyl Acetate
Concen: 1.035 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077525.D
Acq: 29 Apr 2023 17:41

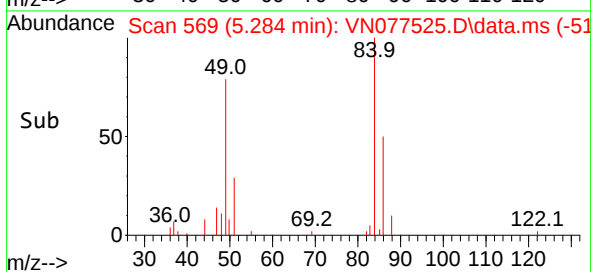
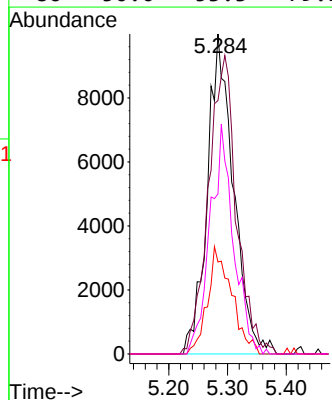
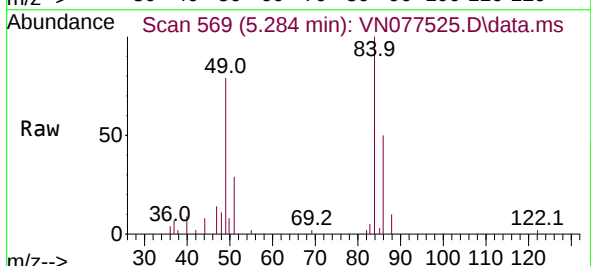
Instrument :
MSVOA_N
ClientSampleId :
BU-511-VOC-01

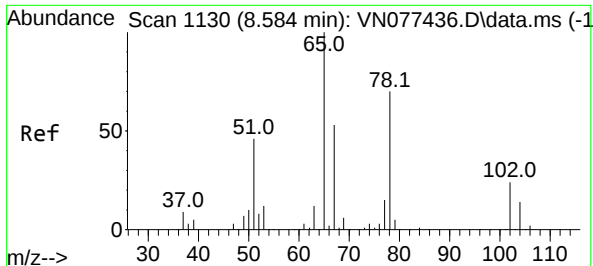
Tgt Ion: 43 Resp: 11225
Ion Ratio Lower Upper
43 100
74 21.0 26.2 39.4#



#20
Methylene Chloride
Concen: 3.474 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077525.D
Acq: 29 Apr 2023 17:41

Tgt Ion: 84 Resp: 30945
Ion Ratio Lower Upper
84 100
49 79.2 79.7 119.5#
51 28.7 25.2 37.8
86 50.0 53.3 79.9#





#33

1,2-Dichloroethane-d4

Concen: 51.707 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077525.D

Acq: 29 Apr 2023 17:41

Instrument :

MSVOA_N

ClientSampleId :

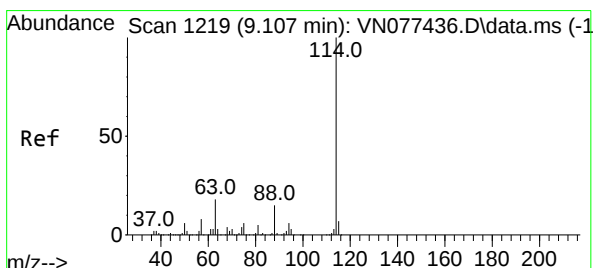
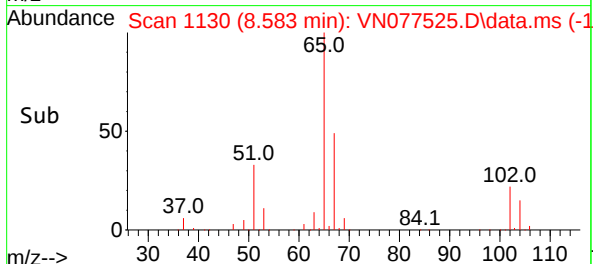
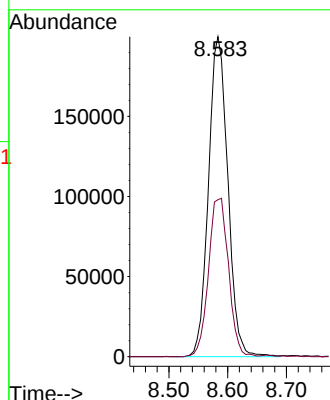
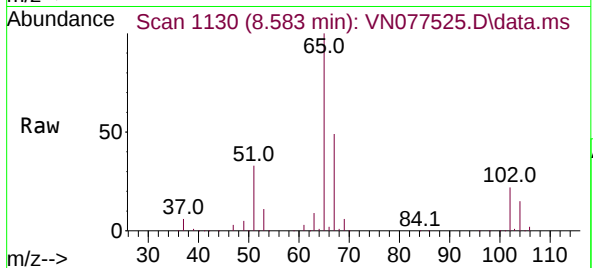
BU-511-VOC-01

Tgt Ion: 65 Resp: 456509

Ion Ratio Lower Upper

65 100

67 51.3 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: VN077525.D

Acq: 29 Apr 2023 17:41

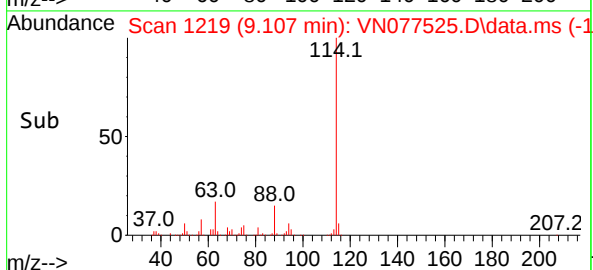
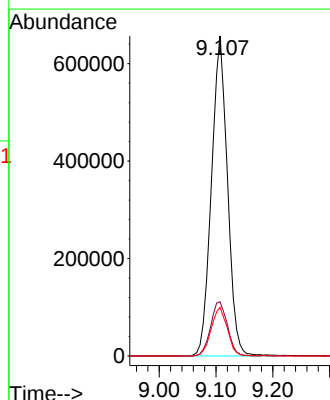
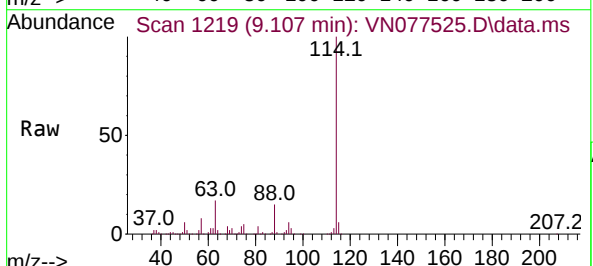
Tgt Ion: 114 Resp: 1284004

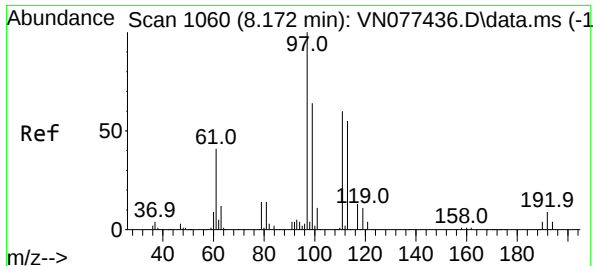
Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.137 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077525.D

Acq: 29 Apr 2023 17:41

Instrument :

MSVOA_N

ClientSampleId :

BU-511-VOC-01

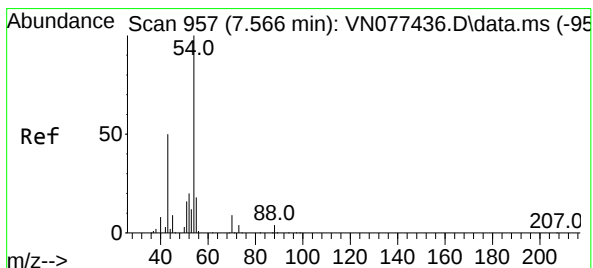
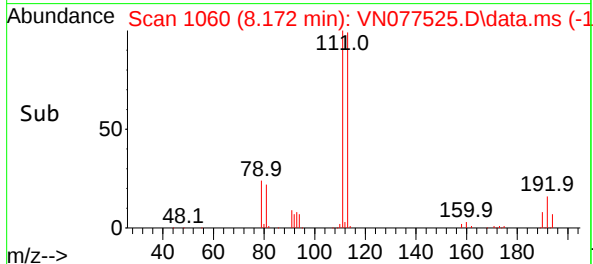
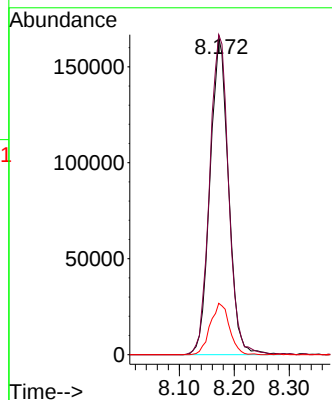
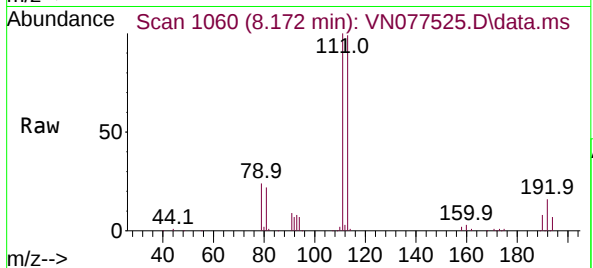
Tgt Ion:113 Resp: 386929

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 16.8 12.7 19.1



#37

Ethyl Acetate

Concen: 9.906 ug/l

RT: 7.566 min Scan# 957

Delta R.T. -0.000 min

Lab File: VN077525.D

Acq: 29 Apr 2023 17:41

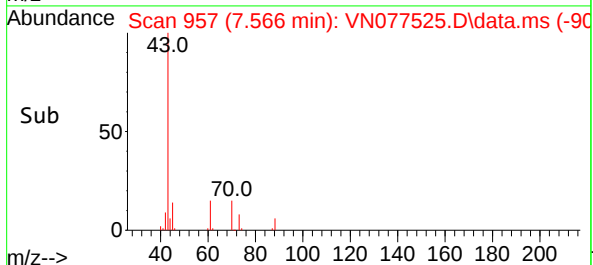
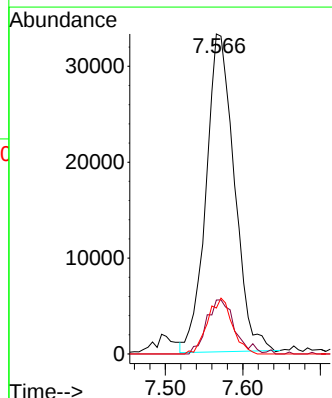
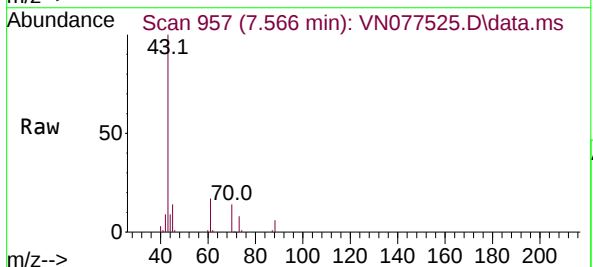
Tgt Ion: 43 Resp: 83927

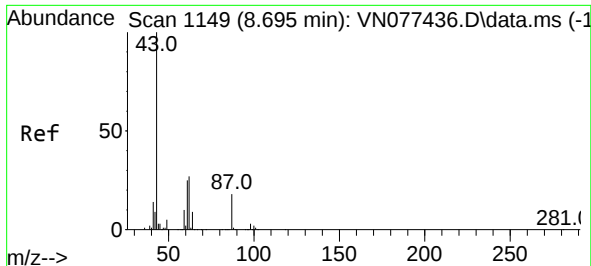
Ion Ratio Lower Upper

43 100

61 17.1 13.2 19.8

70 15.4 11.3 16.9

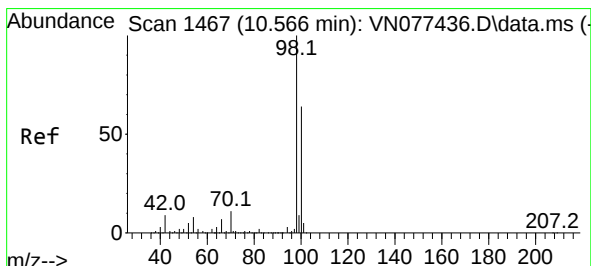
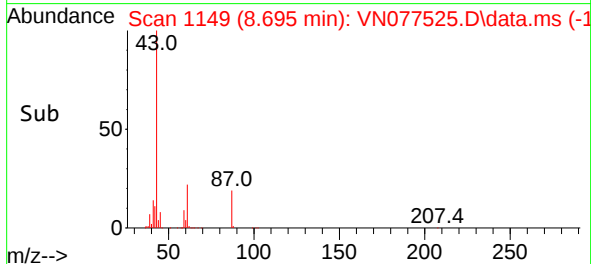
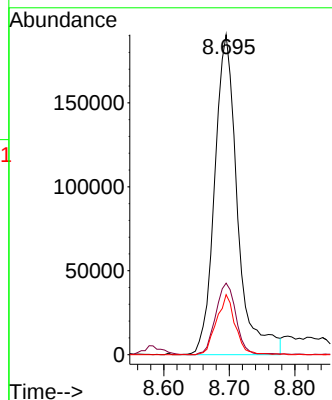
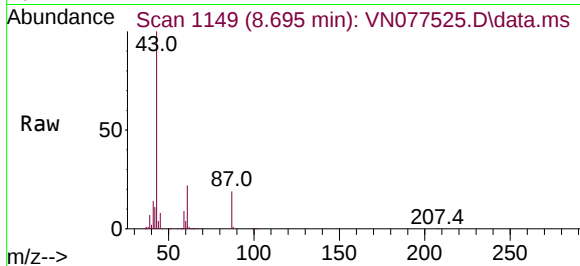




#43
Isopropyl Acetate
Concen: 31.455 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077525.D
Acq: 29 Apr 2023 17:41

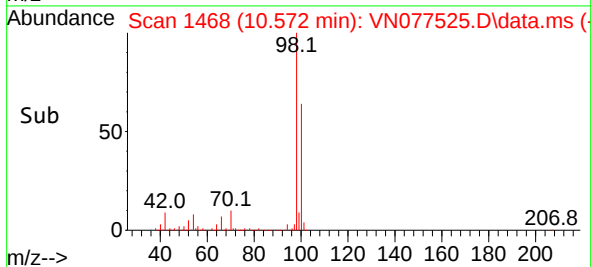
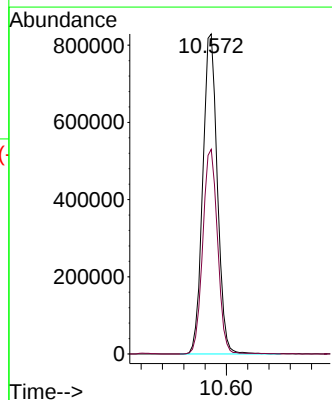
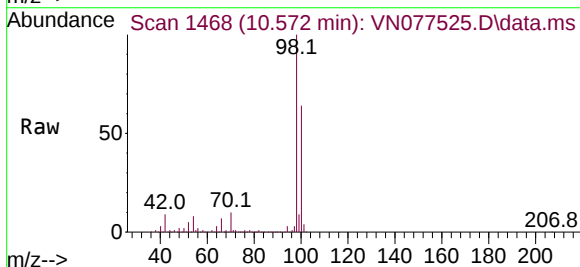
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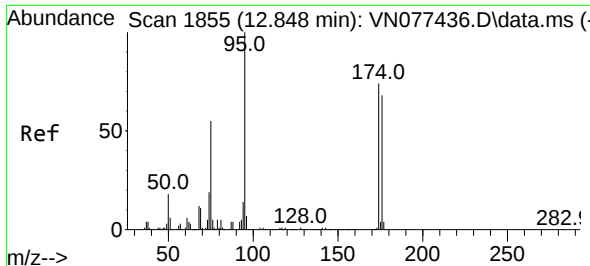
Tgt Ion: 43 Resp: 461043
Ion Ratio Lower Upper
43 100
61 19.7 24.7 37.1#
87 15.3 14.6 21.8



#50
Toluene-d8
Concen: 53.038 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077525.D
Acq: 29 Apr 2023 17:41

Tgt Ion: 98 Resp: 1568733
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

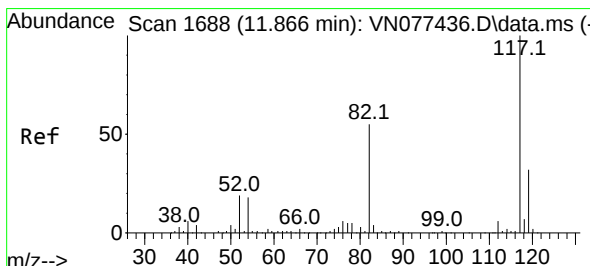
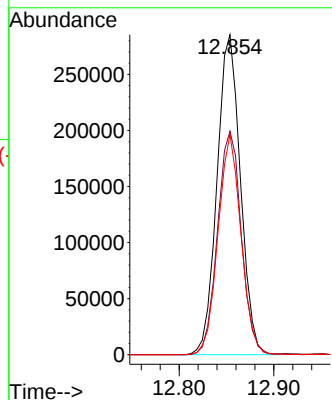
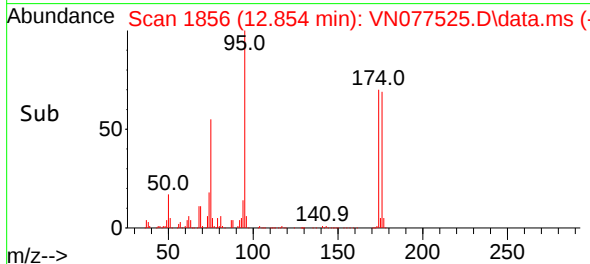
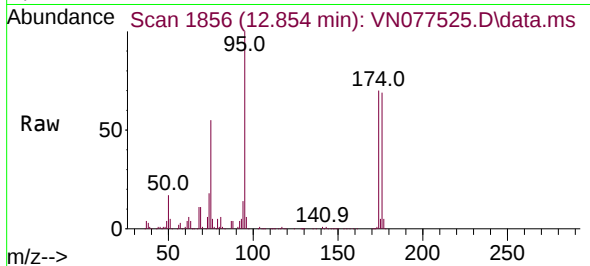




#62
4-Bromofluorobenzene
Concen: 50.678 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077525.D
Acq: 29 Apr 2023 17:41

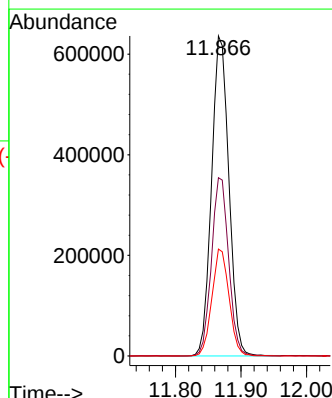
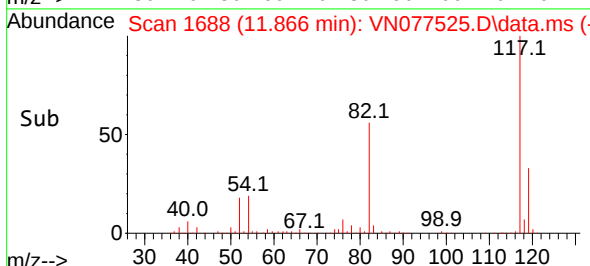
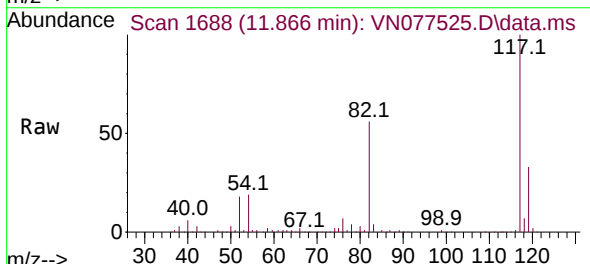
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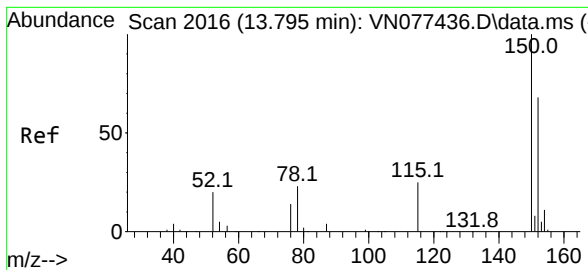
Tgt Ion: 95 Resp: 490413
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.8
176 67.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077525.D
Acq: 29 Apr 2023 17:41

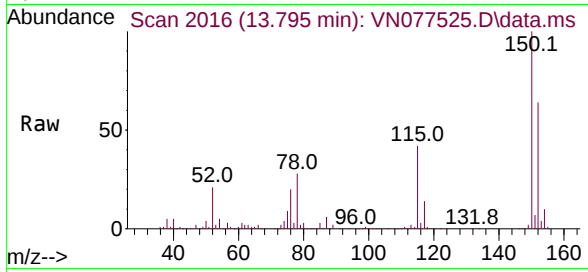
Tgt Ion: 117 Resp: 1165860
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 33.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077525.D
 Acq: 29 Apr 2023 17:41

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-511-VOC-01



Tgt Ion:152 Resp: 403188
 Ion Ratio Lower Upper
 152 100
 115 64.5 32.3 96.8
 150 158.5 0.0 355.8

