

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077530.D
 Acq On : 29 Apr 2023 19:42
 Operator : JC\MD
 Sample : 02504-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-512-VOC-01

Quant Time: May 01 01:26:04 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)

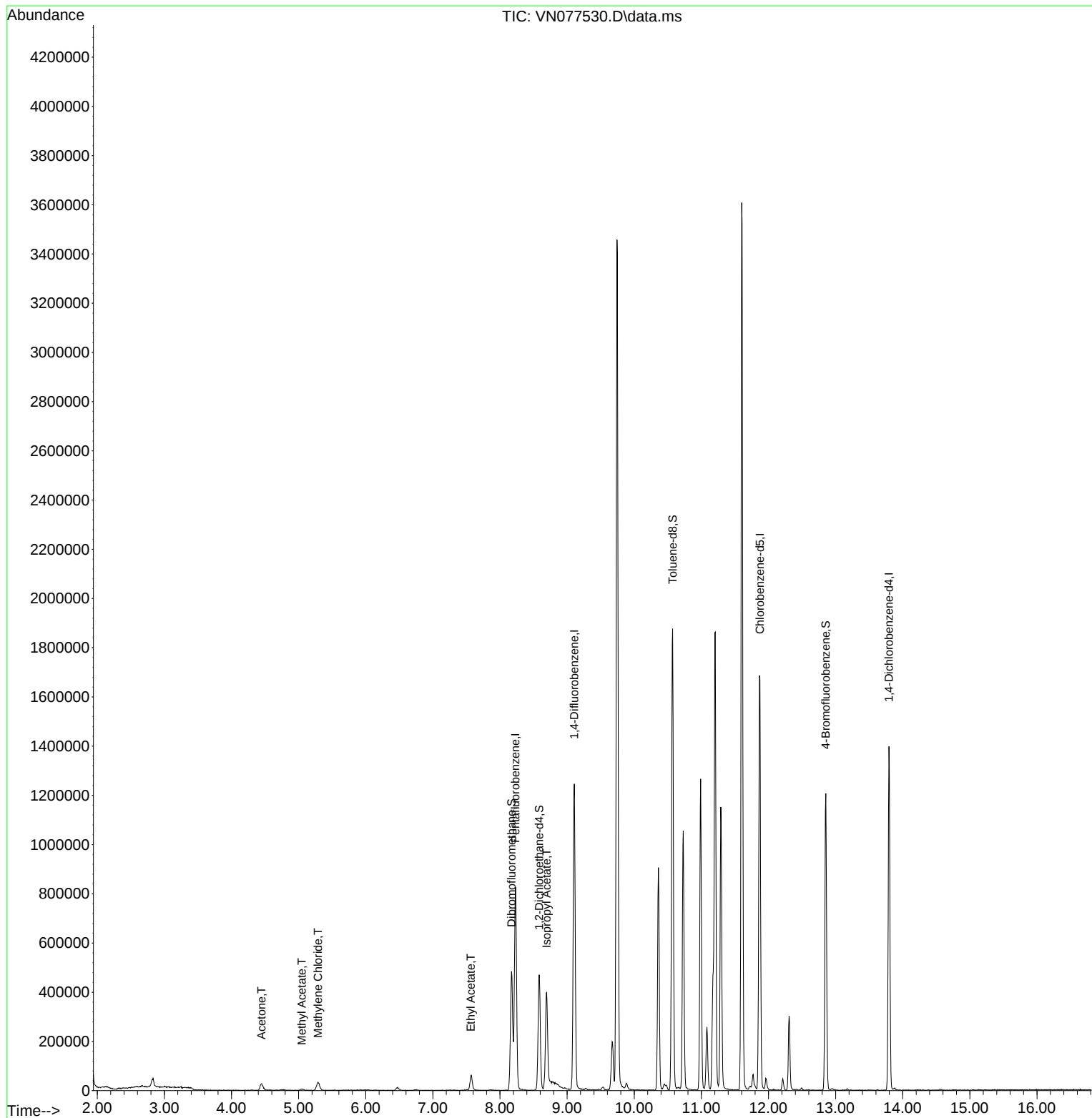
Internal Standards						
1) Pentafluorobenzene	8.231	168	590412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1145812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1062575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	374631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	391417	50.806	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.620%
35) Dibromofluoromethane	8.172	113	348166	50.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.120%
50) Toluene-d8	10.572	98	1390724	52.690	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.380%
62) 4-Bromofluorobenzene	12.854	95	446744	51.733	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.460%
Target Compounds						
						Qvalue
16) Acetone	4.448	43	51036	20.822	ug/l	94
18) Methyl Acetate	5.048	43	10082	1.065	ug/l #	72
20) Methylene Chloride	5.290	84	28951	3.725	ug/l	93
37) Ethyl Acetate	7.566	43	80874	10.697	ug/l	94
43) Isopropyl Acetate	8.695	43	457184	34.954	ug/l #	87

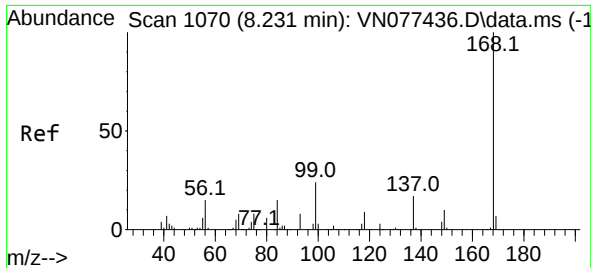
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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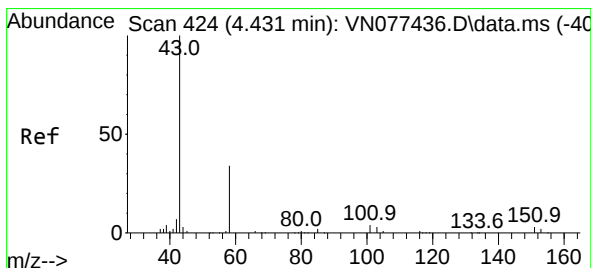
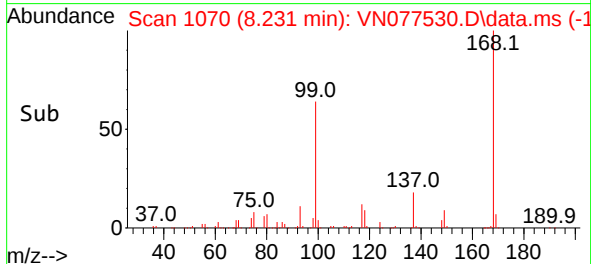
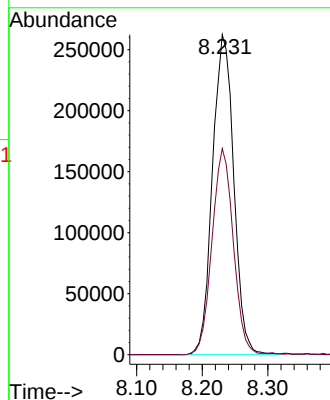
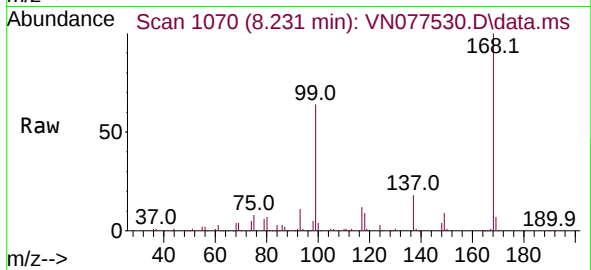




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077530.D
Acq: 29 Apr 2023 19:42

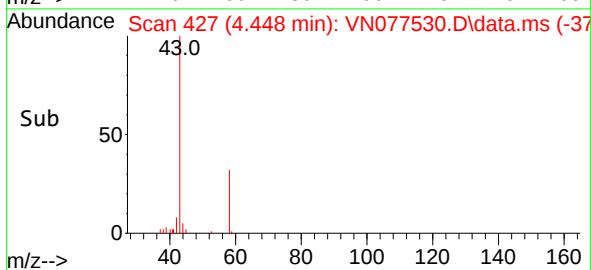
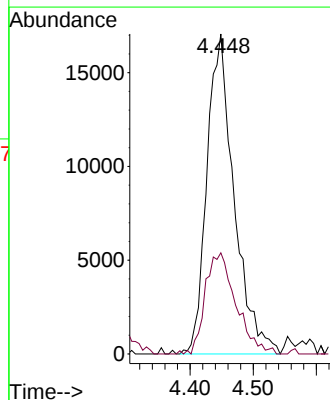
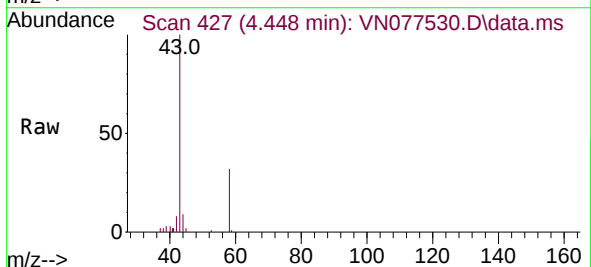
Instrument :
MSVOA_N
ClientSampleId :
BU-512-VOC-01

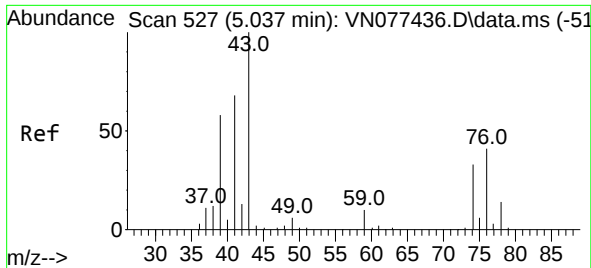
Tgt Ion:168 Resp: 590412
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#16
Acetone
Concen: 20.822 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.018 min
Lab File: VN077530.D
Acq: 29 Apr 2023 19:42

Tgt Ion: 43 Resp: 51036
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0

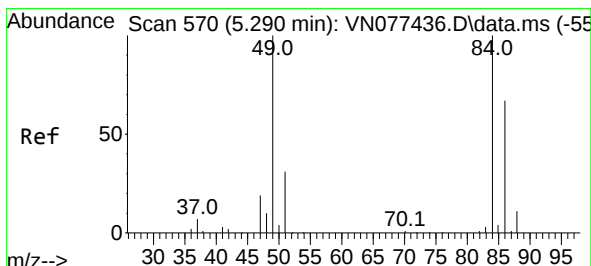
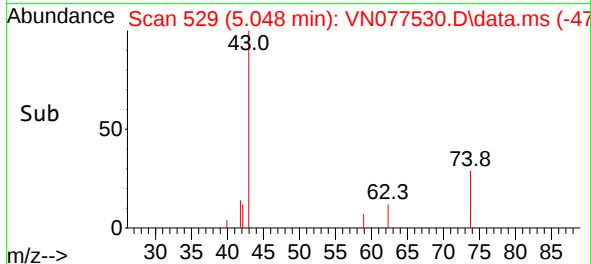
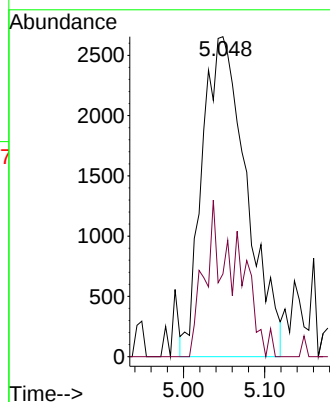
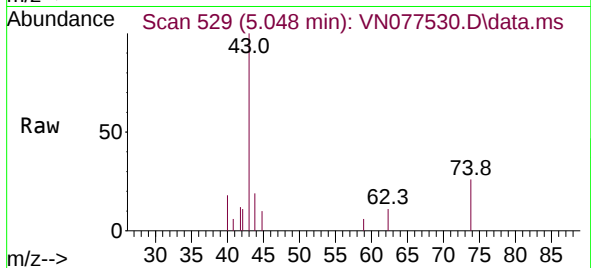




#18
Methyl Acetate
Concen: 1.065 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN077530.D
Acq: 29 Apr 2023 19:42

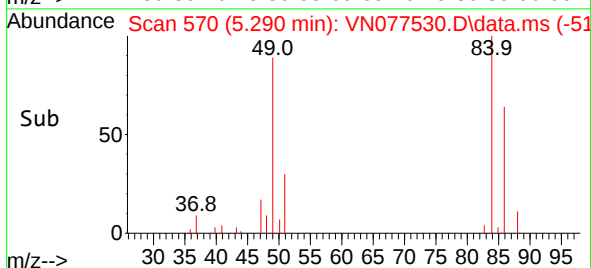
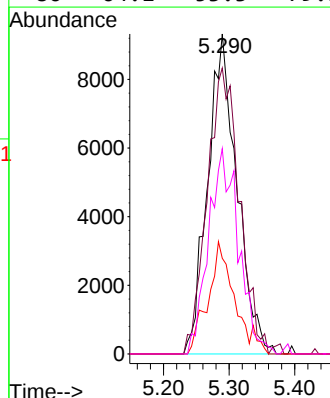
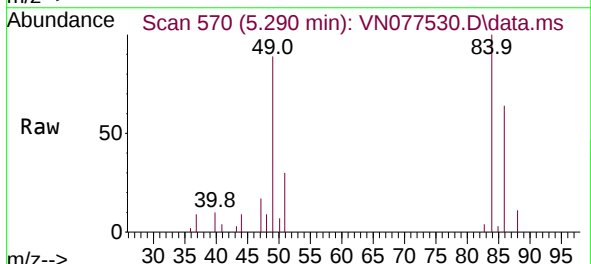
Instrument :
MSVOA_N
ClientSampleId :
BU-512-VOC-01

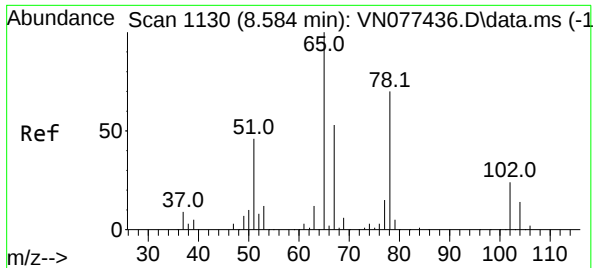
Tgt Ion: 43 Resp: 10082
Ion Ratio Lower Upper
43 100
74 16.8 26.2 39.4#



#20
Methylene Chloride
Concen: 3.725 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077530.D
Acq: 29 Apr 2023 19:42

Tgt Ion: 84 Resp: 28951
Ion Ratio Lower Upper
84 100
49 89.3 79.7 119.5
51 29.9 25.2 37.8
86 64.1 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 50.806 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077530.D

Acq: 29 Apr 2023 19:42

Instrument :

MSVOA_N

ClientSampleId :

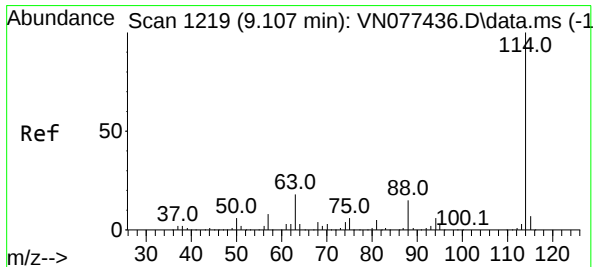
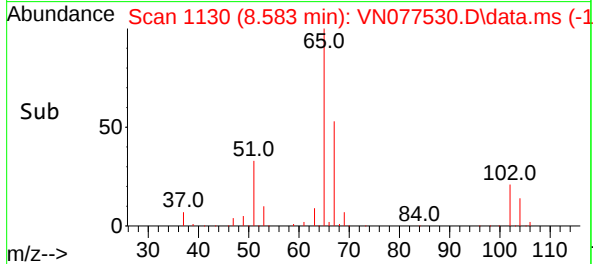
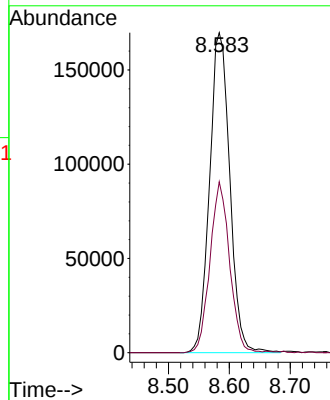
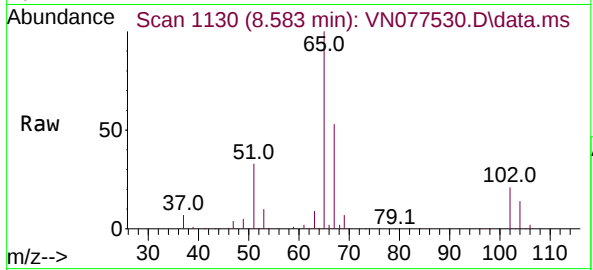
BU-512-VOC-01

Tgt Ion: 65 Resp: 391417

Ion Ratio Lower Upper

65 100

67 51.7 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: VN077530.D

Acq: 29 Apr 2023 19:42

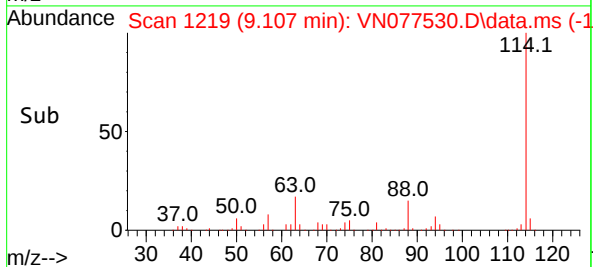
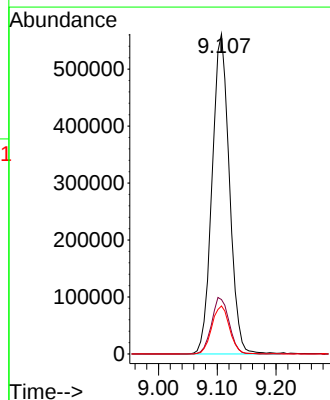
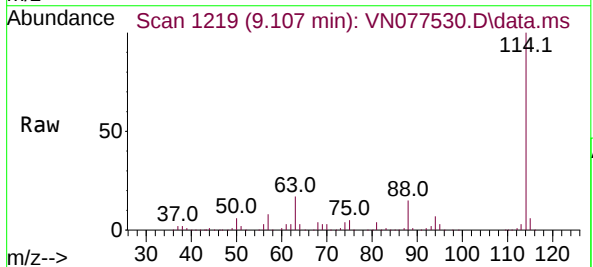
Tgt Ion: 114 Resp: 1145812

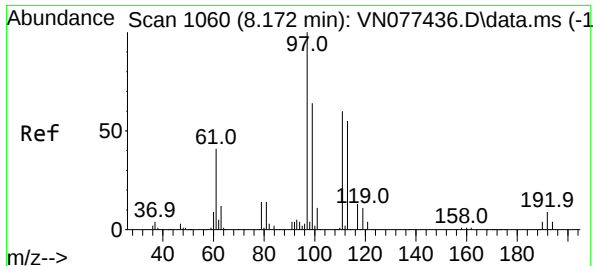
Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.555 ug/l

RT: 8.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077530.D

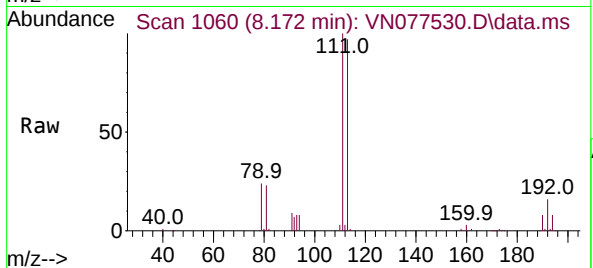
Acq: 29 Apr 2023 19:42

Instrument :

MSVOA_N

ClientSampleId :

BU-512-VOC-01



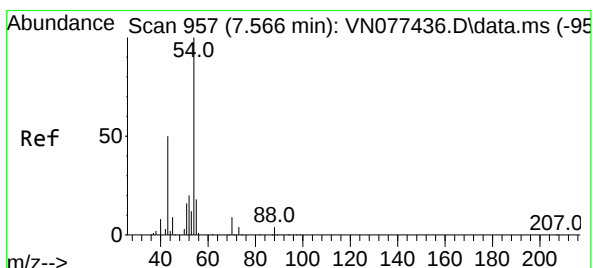
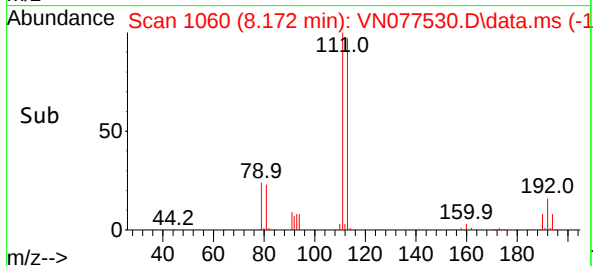
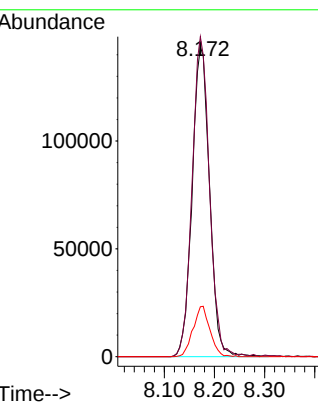
Tgt Ion:113 Resp: 348166

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 15.7 12.7 19.1



#37

Ethyl Acetate

Concen: 10.697 ug/l

RT: 7.566 min Scan# 957

Delta R.T. -0.000 min

Lab File: VN077530.D

Acq: 29 Apr 2023 19:42

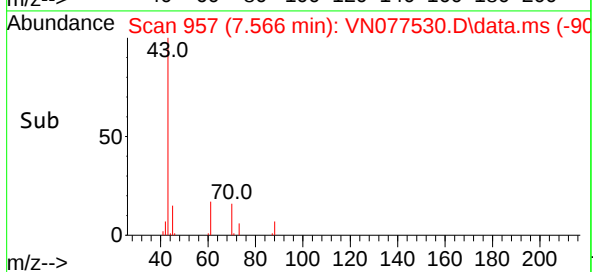
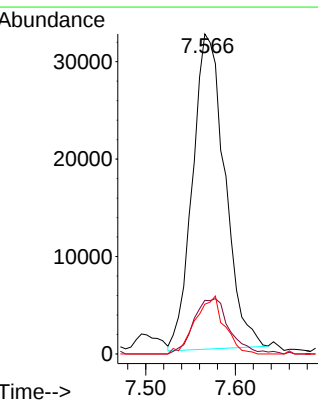
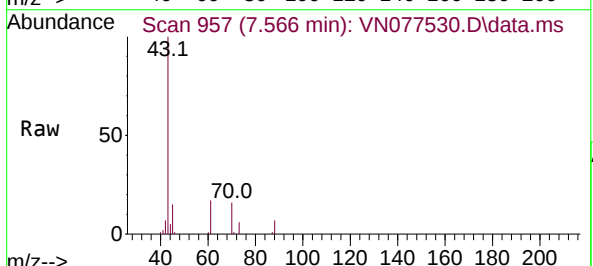
Tgt Ion: 43 Resp: 80874

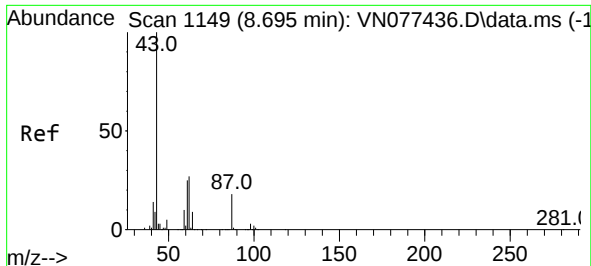
Ion Ratio Lower Upper

43 100

61 19.4 13.2 19.8

70 16.5 11.3 16.9

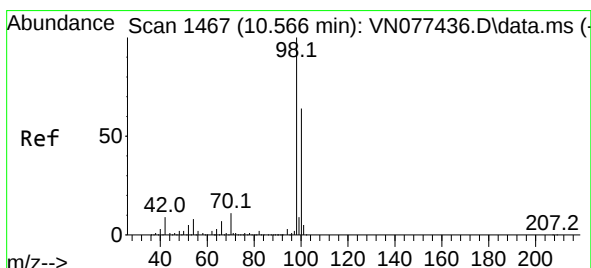
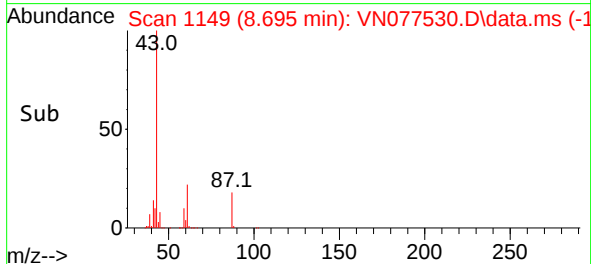
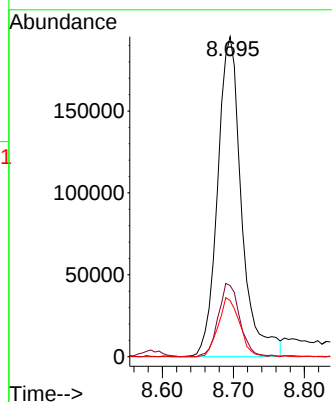
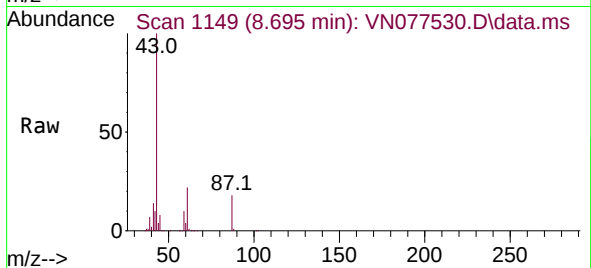




#43
Isopropyl Acetate
Concen: 34.954 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077530.D
Acq: 29 Apr 2023 19:42

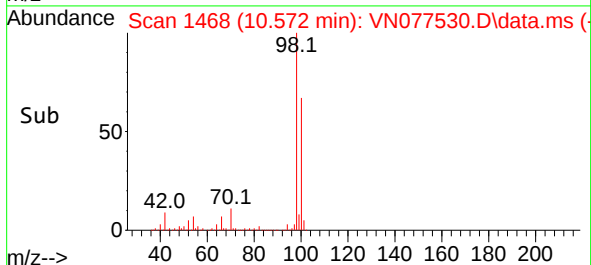
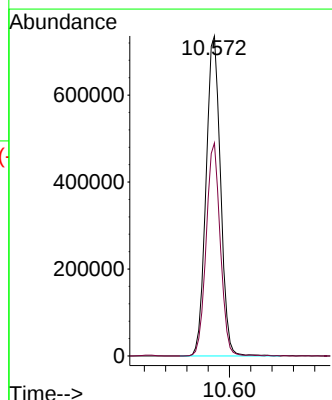
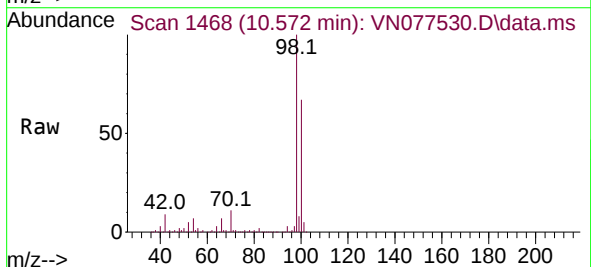
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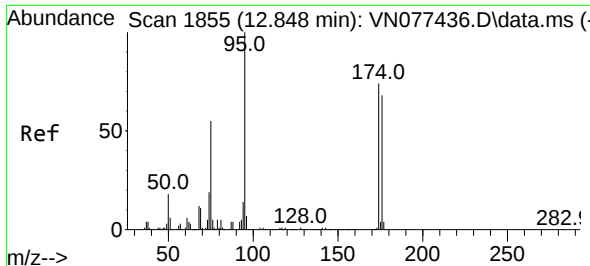
Tgt Ion: 43 Resp: 457184
Ion Ratio Lower Upper
43 100
61 20.6 24.7 37.1#
87 16.3 14.6 21.8



#50
Toluene-d8
Concen: 52.690 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077530.D
Acq: 29 Apr 2023 19:42

Tgt Ion: 98 Resp: 1390724
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

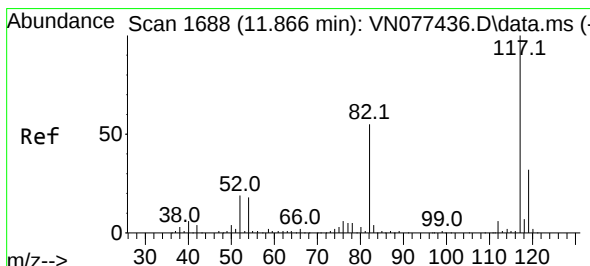
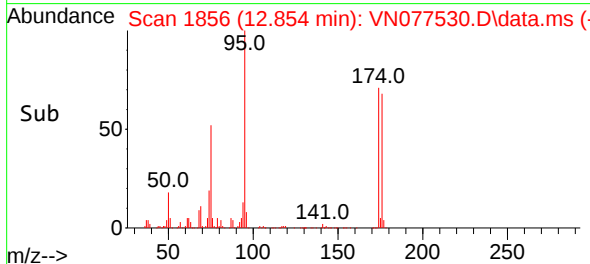
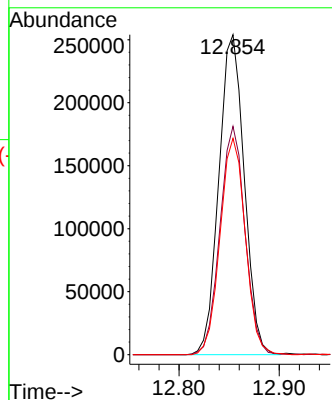
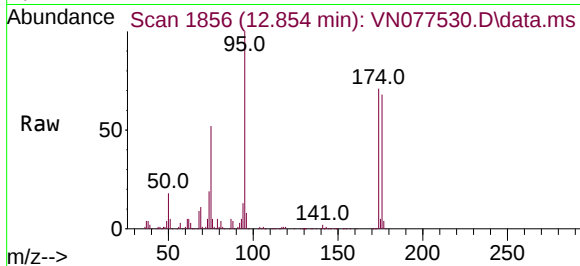




#62
4-Bromofluorobenzene
Concen: 51.733 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077530.D
Acq: 29 Apr 2023 19:42

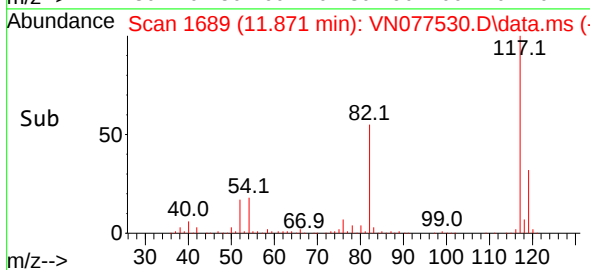
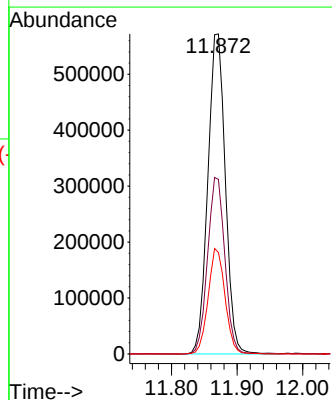
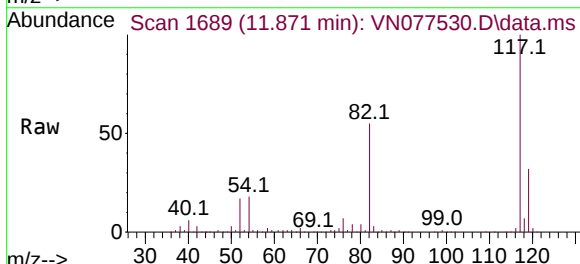
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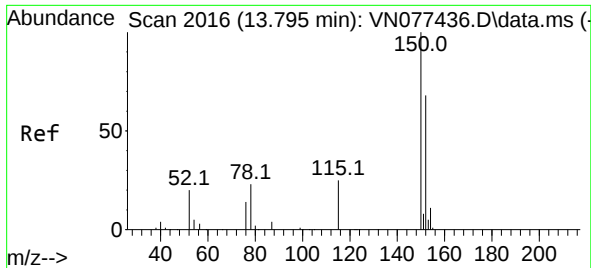
Tgt Ion: 95 Resp: 446744
Ion Ratio Lower Upper
95 100
174 70.4 0.0 143.8
176 67.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077530.D
Acq: 29 Apr 2023 19:42

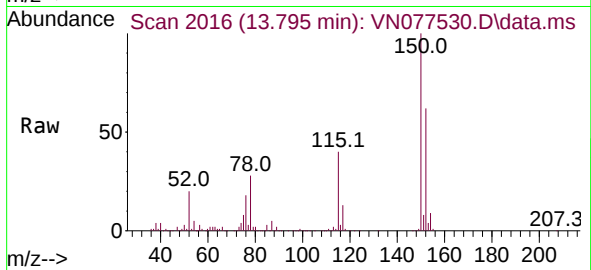
Tgt Ion: 117 Resp: 1062575
Ion Ratio Lower Upper
117 100
82 54.6 44.0 66.0
119 31.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077530.D
 Acq: 29 Apr 2023 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-512-VOC-01



Tgt Ion:152 Resp: 374631
 Ion Ratio Lower Upper
 152 100
 115 65.3 32.3 96.8
 150 161.3 0.0 355.8

