

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077532.D
 Acq On : 29 Apr 2023 20:31
 Operator : JC\MD
 Sample : 02504-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-512-VOC-03

Quant Time: May 01 01:26:26 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)

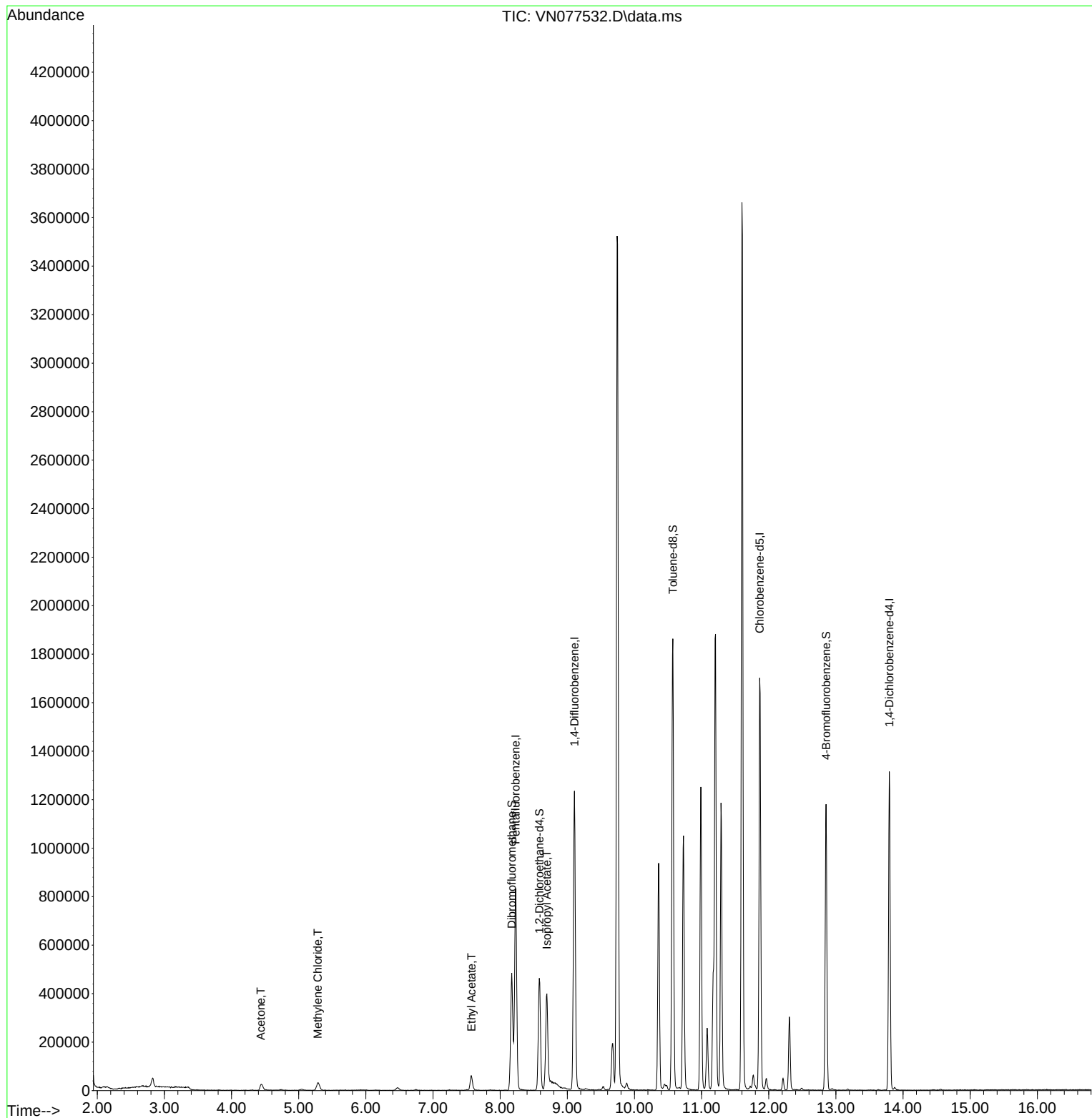
Internal Standards						
1) Pentafluorobenzene	8.231	168	577043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1113615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1036746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	366524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	383779	50.968	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	101.940%	
35) Dibromofluoromethane	8.172	113	342212	51.128	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.260%	
50) Toluene-d8	10.572	98	1365895	53.246	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	106.500%	
62) 4-Bromofluorobenzene	12.854	95	434217	51.736	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	103.480%	
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	51021	21.299	ug/l	91
20) Methylene Chloride	5.284	84	26251	3.455	ug/l #	85
37) Ethyl Acetate	7.572	43	85978	11.701	ug/l	97
43) Isopropyl Acetate	8.695	43	448366	35.271	ug/l #	88

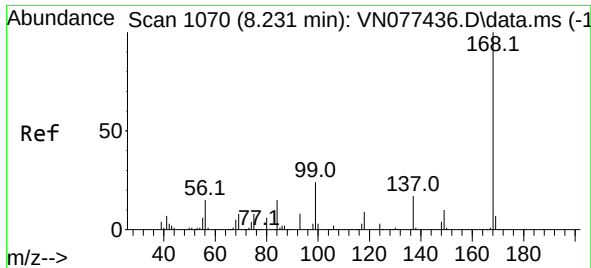
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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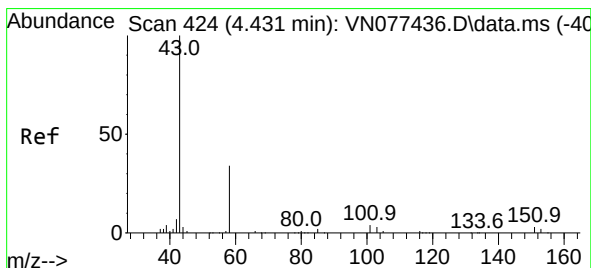
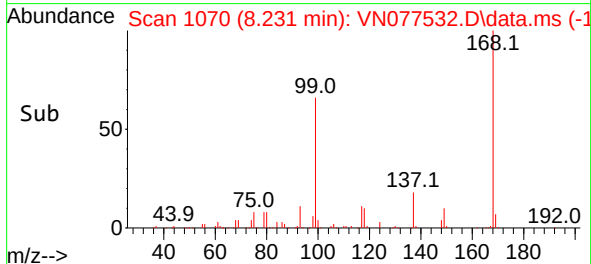
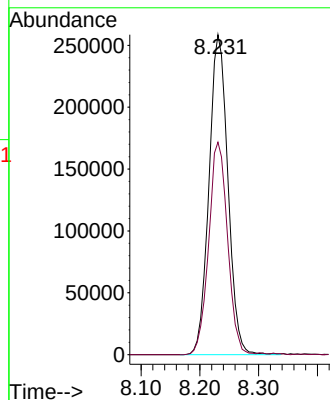
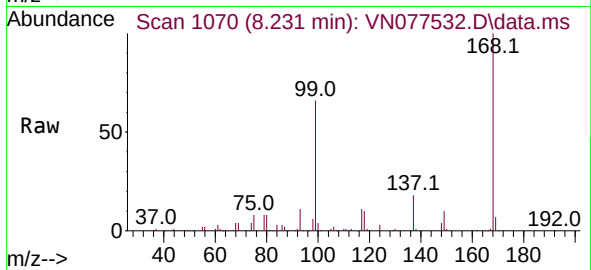




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077532.D
Acq: 29 Apr 2023 20:31

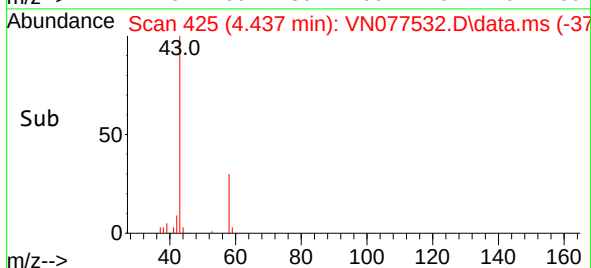
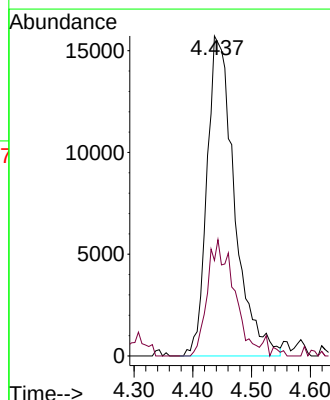
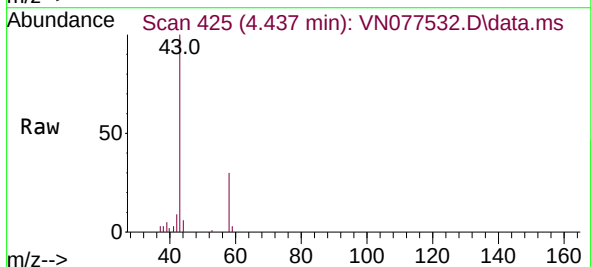
Instrument :
MSVOA_N
ClientSampleId :
BU-512-VOC-03

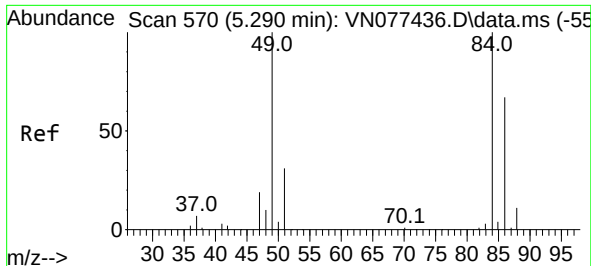
Tgt Ion:168 Resp: 577043
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#16
Acetone
Concen: 21.299 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077532.D
Acq: 29 Apr 2023 20:31

Tgt Ion: 43 Resp: 51021
Ion Ratio Lower Upper
43 100
58 29.9 28.0 42.0

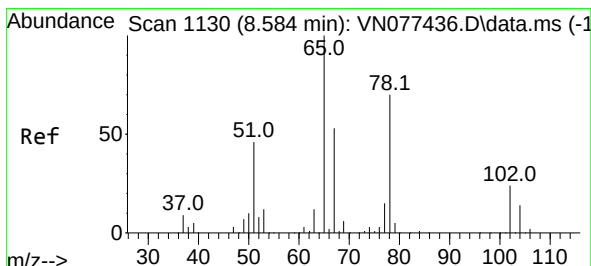
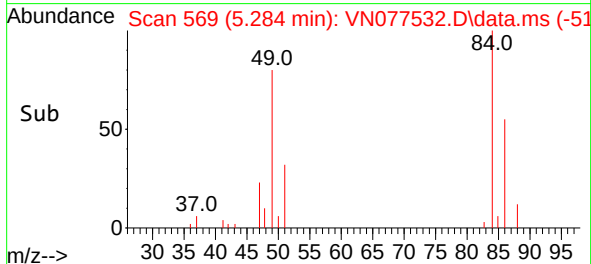
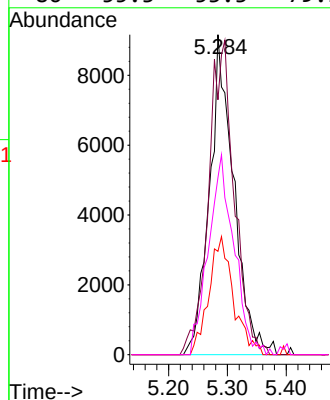
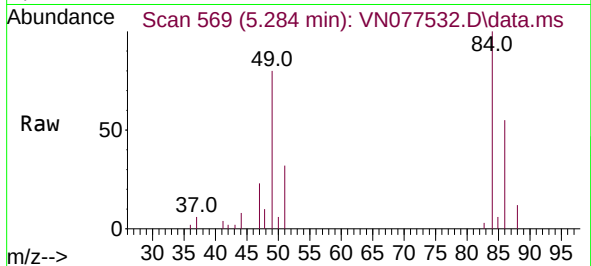




#20
Methylene Chloride
Concen: 3.455 ug/l
RT: 5.284 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN077532.D
Acq: 29 Apr 2023 20:31

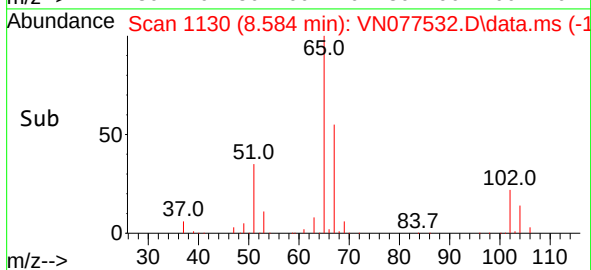
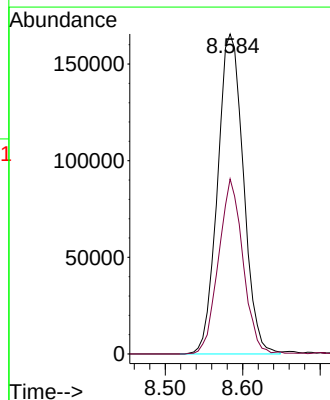
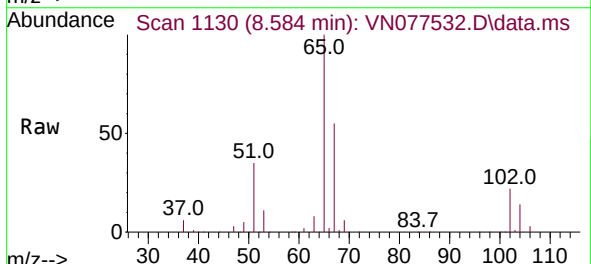
Instrument :
MSVOA_N
ClientSampleId :
BU-512-VOC-03

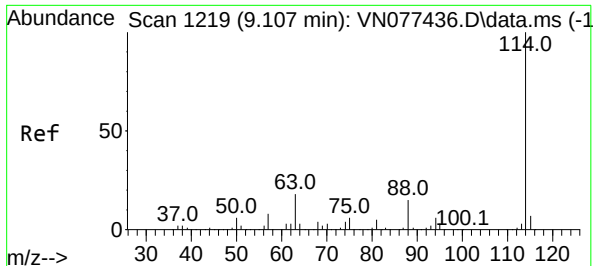
Tgt Ion: 84 Resp: 26251
Ion Ratio Lower Upper
84 100
49 79.7 79.7 119.5#
51 32.3 25.2 37.8
86 55.3 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 50.968 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077532.D
Acq: 29 Apr 2023 20:31

Tgt Ion: 65 Resp: 383779
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077532.D

Acq: 29 Apr 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

BU-512-VOC-03

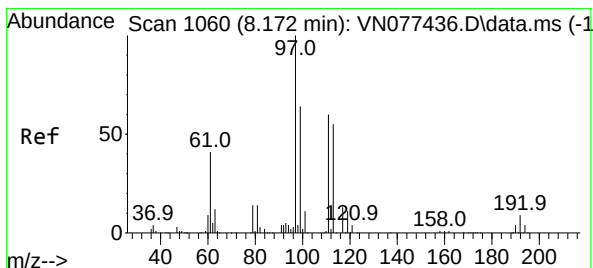
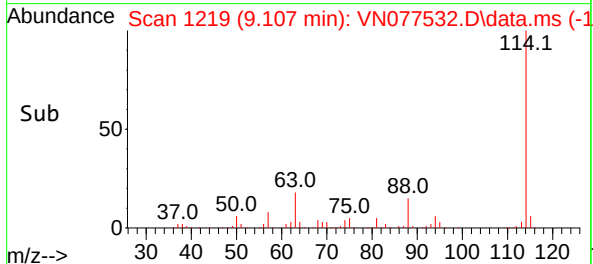
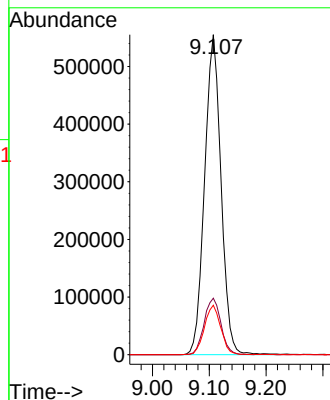
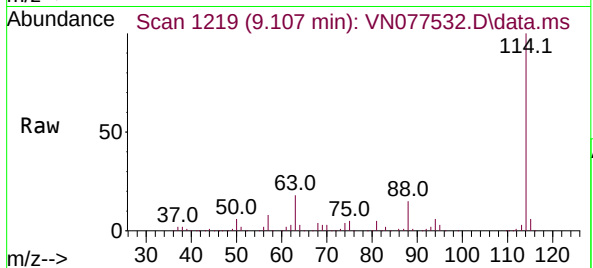
Tgt Ion:114 Resp: 1113615

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.128 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077532.D

Acq: 29 Apr 2023 20:31

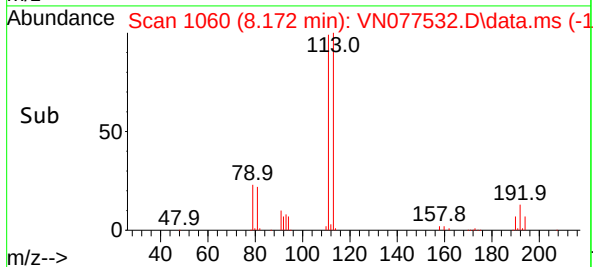
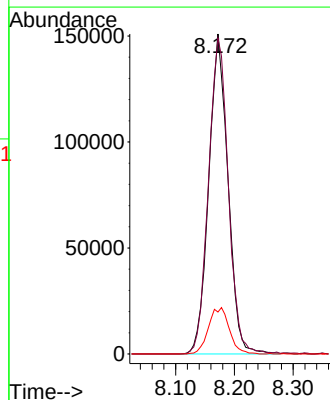
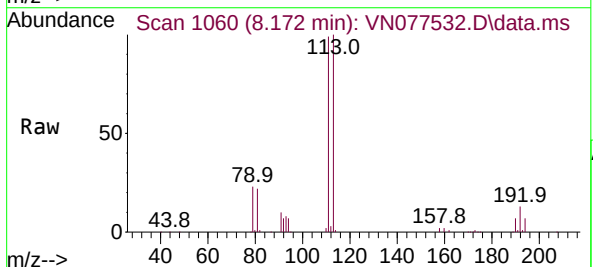
Tgt Ion:113 Resp: 342212

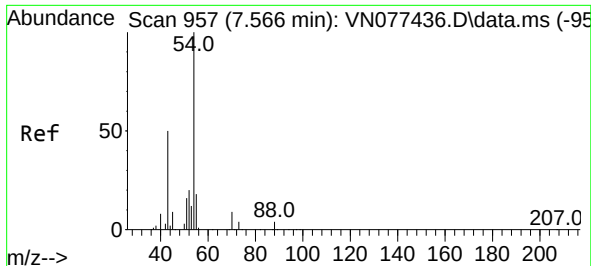
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 15.8 12.7 19.1





#37

Ethyl Acetate

Concen: 11.701 ug/l

RT: 7.572 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077532.D

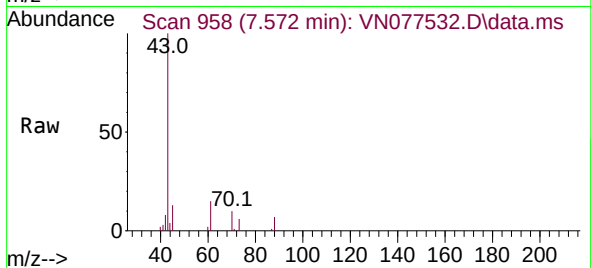
Acq: 29 Apr 2023 20:31

Instrument :

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ClientSampleId :

BU-512-VOC-03



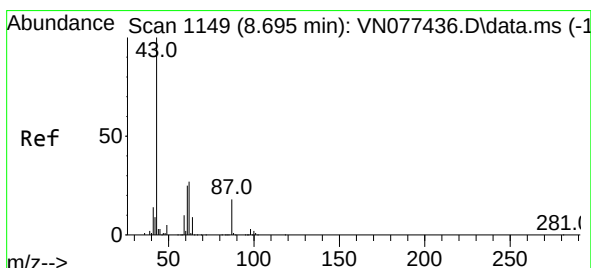
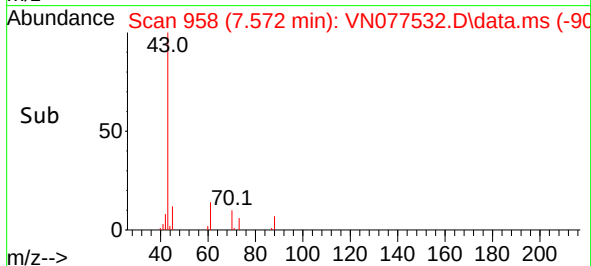
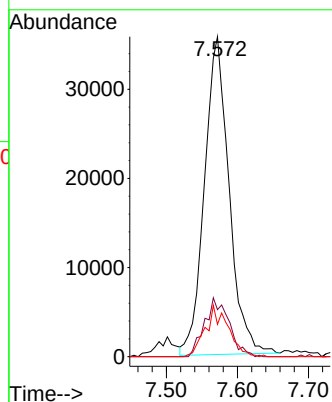
Tgt Ion: 43 Resp: 85978

Ion Ratio Lower Upper

43 100

61 18.4 13.2 19.8

70 15.0 11.3 16.9



#43

Isopropyl Acetate

Concen: 35.271 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077532.D

Acq: 29 Apr 2023 20:31

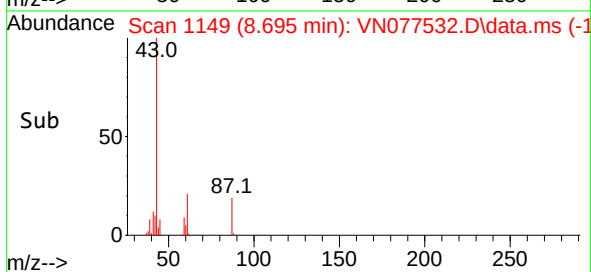
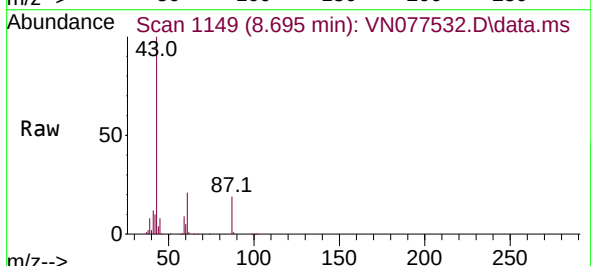
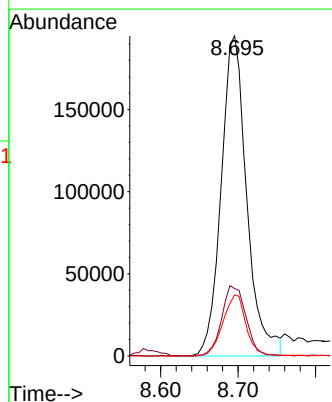
Tgt Ion: 43 Resp: 448366

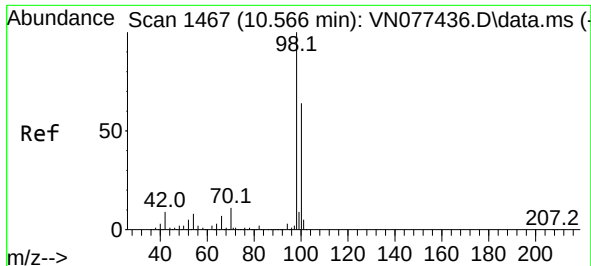
Ion Ratio Lower Upper

43 100

61 20.9 24.7 37.1#

87 17.2 14.6 21.8

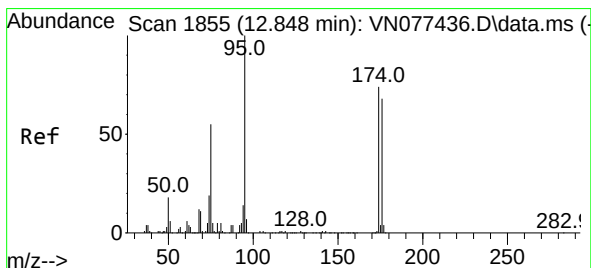
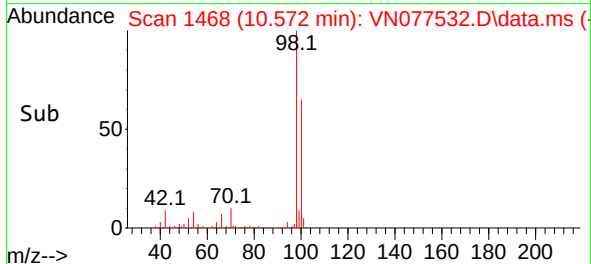
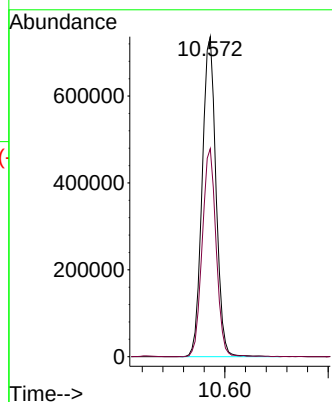
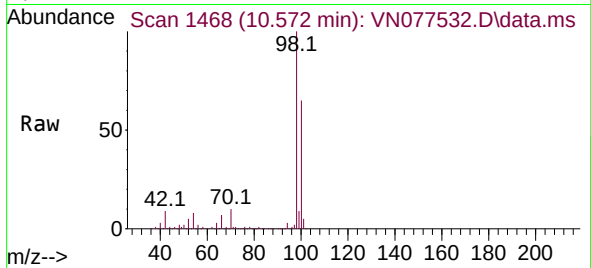




#50
Toluene-d8
Concen: 53.246 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077532.D
Acq: 29 Apr 2023 20:31

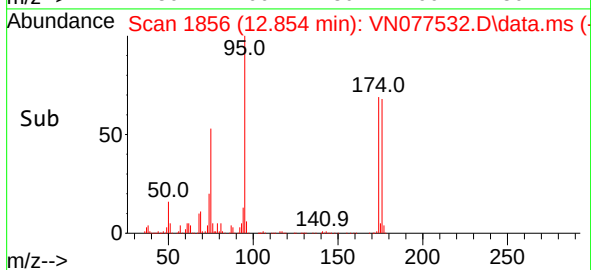
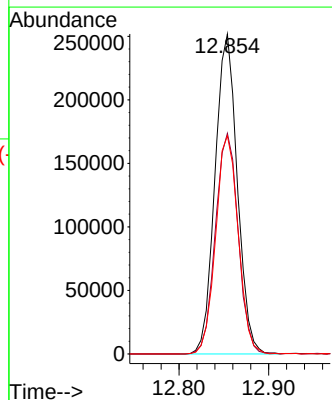
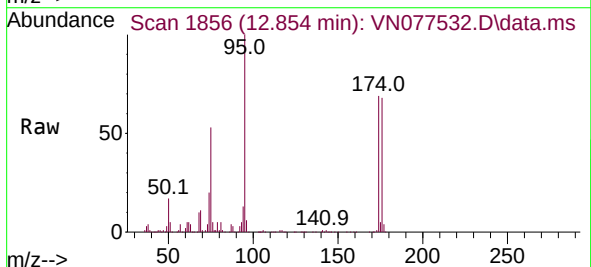
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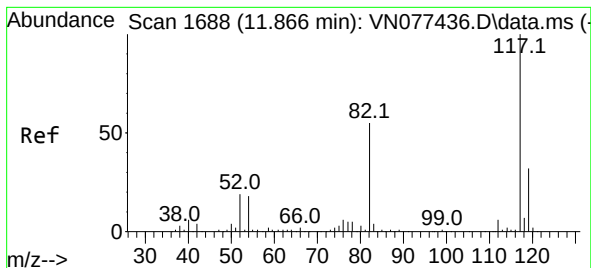
Tgt Ion: 98 Resp: 1365895
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.736 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077532.D
Acq: 29 Apr 2023 20:31

Tgt Ion: 95 Resp: 434217
Ion Ratio Lower Upper
95 100
174 70.3 0.0 143.8
176 68.9 0.0 135.8

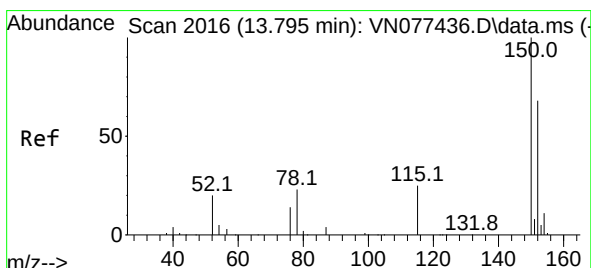
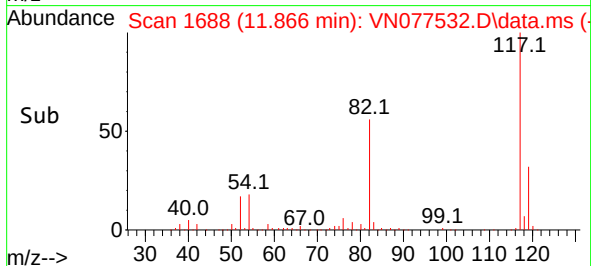
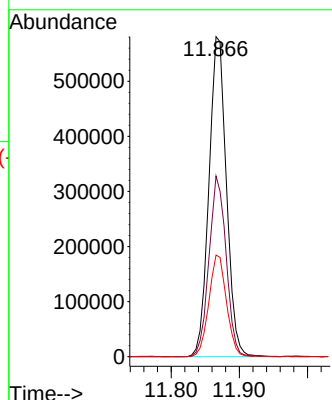
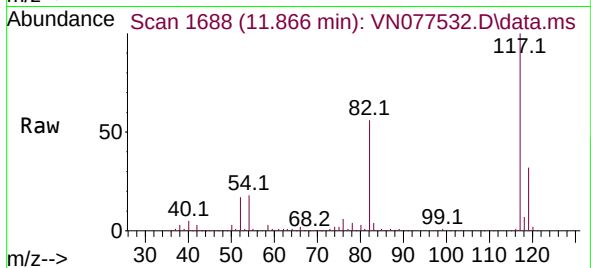




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077532.D
Acq: 29 Apr 2023 20:31

Instrument :
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Tgt Ion:117 Resp: 1036746
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077532.D
Acq: 29 Apr 2023 20:31

Tgt Ion:152 Resp: 366524
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 155.4 0.0 355.8

