

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077526.D
 Acq On : 29 Apr 2023 18:05
 Operator : JC\MD
 Sample : 02502-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-511-VOC-02

Quant Time: May 01 01:25:20 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)

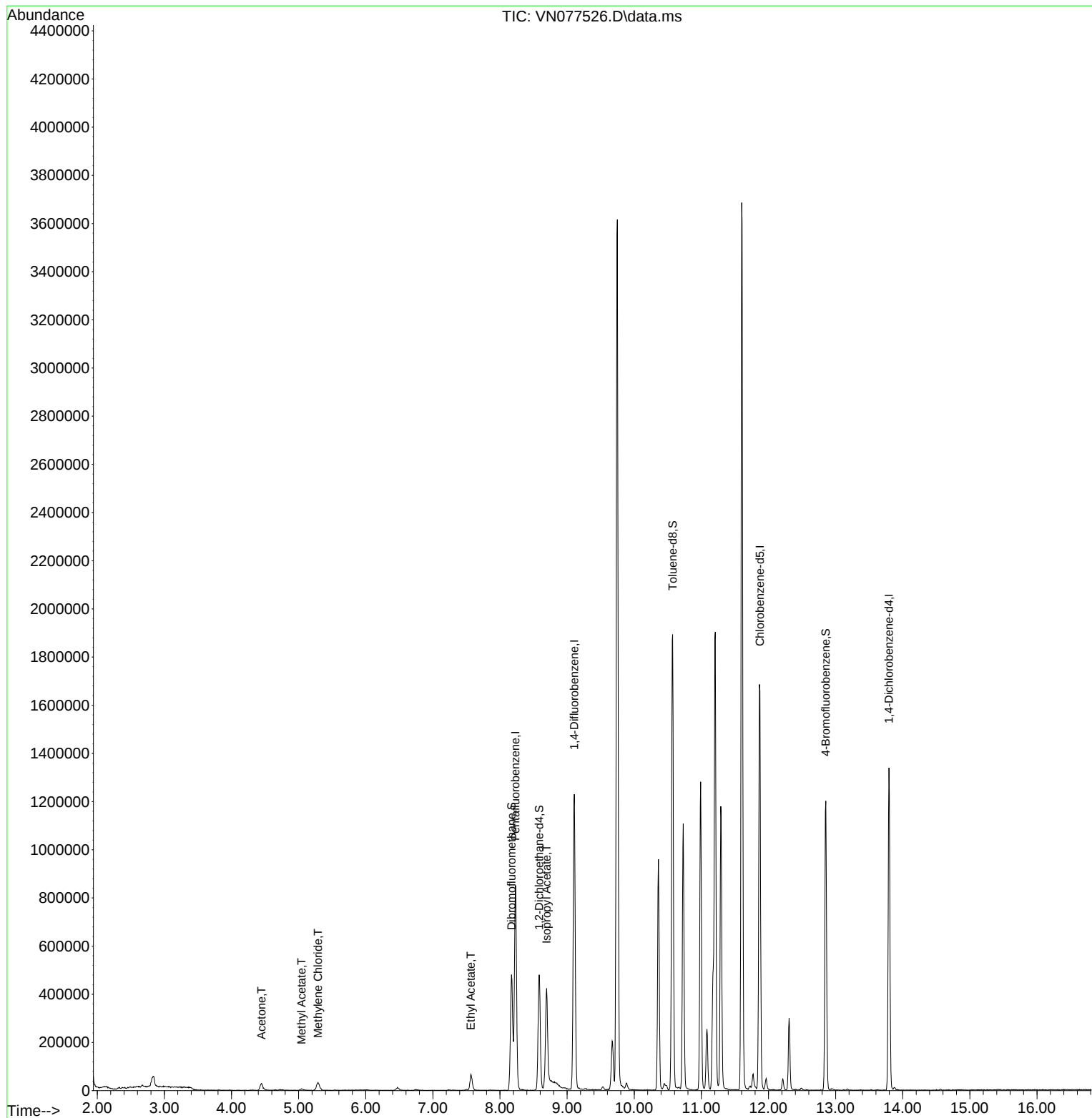
Internal Standards						
1) Pentafluorobenzene	8.231	168	596241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1141767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	1053992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	369119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	399100	51.297	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	102.600%	
35) Dibromofluoromethane	8.172	113	348482	50.781	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	101.560%	
50) Toluene-d8	10.572	98	1385860	52.692	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	105.380%	
62) 4-Bromofluorobenzene	12.854	95	449206	52.202	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	104.400%	
Target Compounds						
					Qvalue	
16) Acetone	4.449	43	52876	21.362	ug/l	100
18) Methyl Acetate	5.043	43	11176	1.169	ug/l	100
20) Methylene Chloride	5.290	84	28919	3.684	ug/l	92
37) Ethyl Acetate	7.566	43	90864	12.061	ug/l	98
43) Isopropyl Acetate	8.695	43	490556	37.638	ug/l #	86

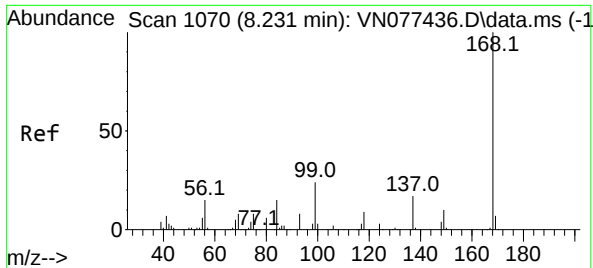
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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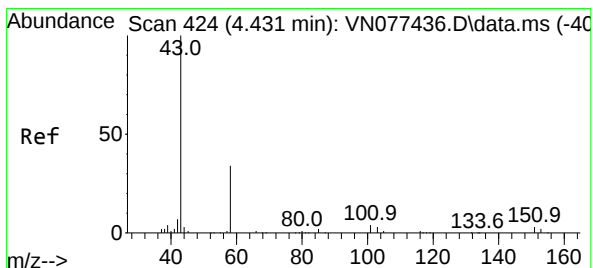
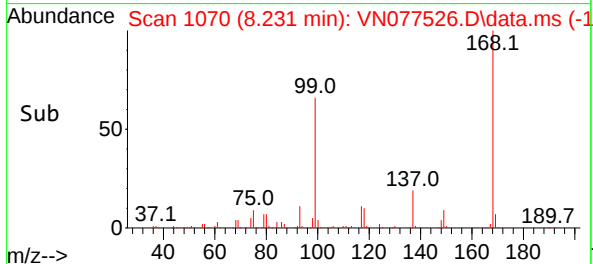
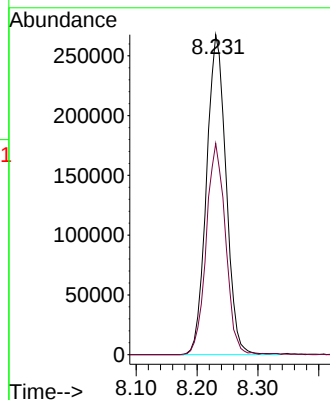
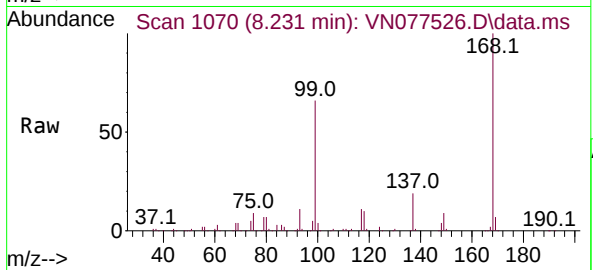




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077526.D
Acq: 29 Apr 2023 18:05

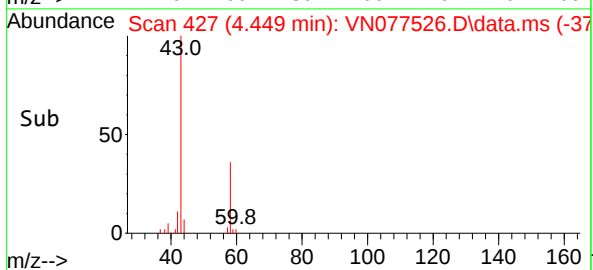
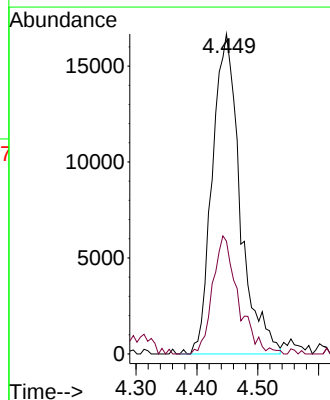
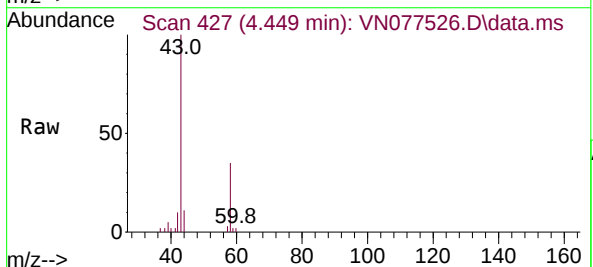
Instrument :
MSVOA_N
ClientSampleId :
BU-511-VOC-02

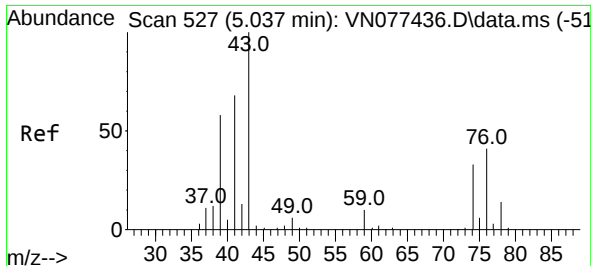
Tgt Ion:168 Resp: 596241
Ion Ratio Lower Upper
168 100
99 66.0 53.0 79.6



#16
Acetone
Concen: 21.362 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.018 min
Lab File: VN077526.D
Acq: 29 Apr 2023 18:05

Tgt Ion: 43 Resp: 52876
Ion Ratio Lower Upper
43 100
58 35.2 28.0 42.0





#18

Methyl Acetate

Concen: 1.169 ug/l

RT: 5.043 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN077526.D

Acq: 29 Apr 2023 18:05

Instrument :

MSVOA_N

ClientSampleId :

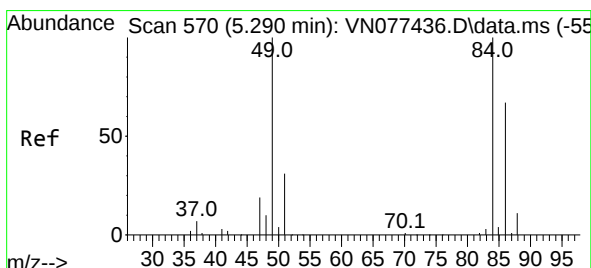
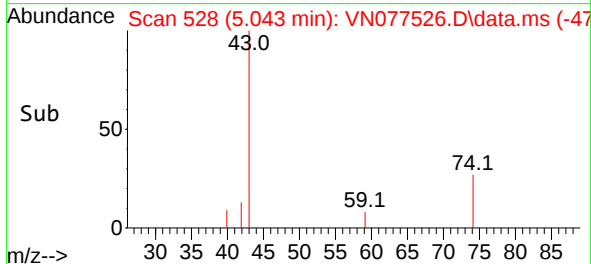
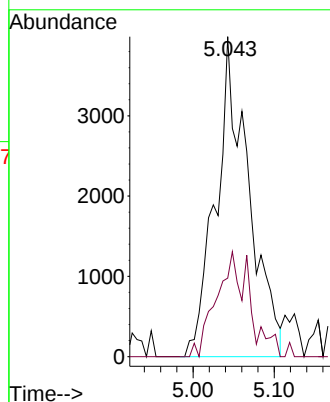
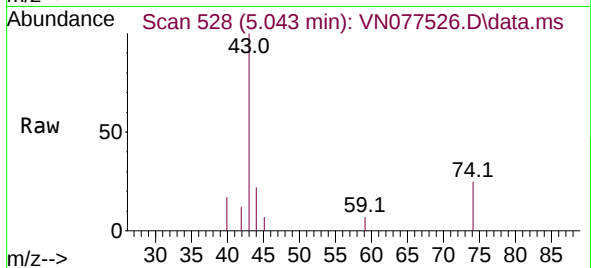
BU-511-VOC-02

Tgt Ion: 43 Resp: 11176

Ion Ratio Lower Upper

43 100

74 33.0 26.2 39.4



#20

Methylene Chloride

Concen: 3.684 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN077526.D

Acq: 29 Apr 2023 18:05

Tgt Ion: 84 Resp: 28919

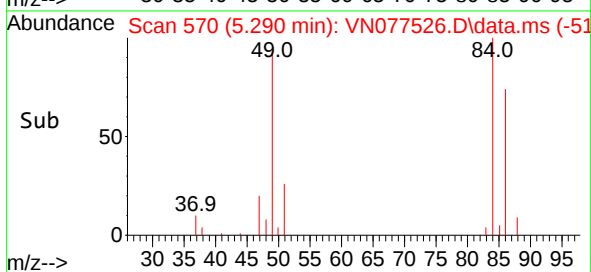
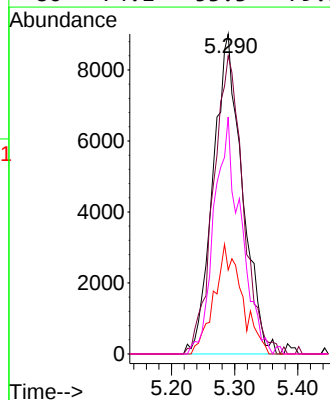
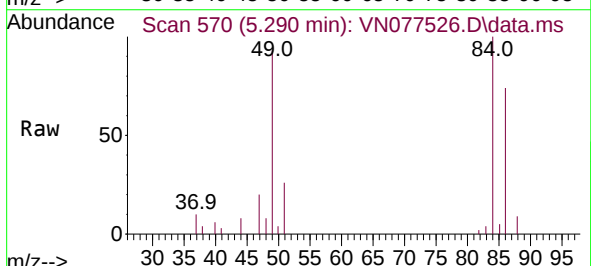
Ion Ratio Lower Upper

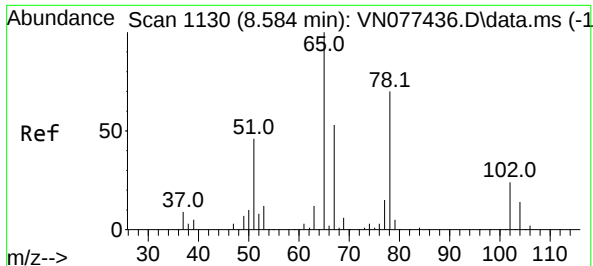
84 100

49 93.2 79.7 119.5

51 26.2 25.2 37.8

86 74.1 53.3 79.9

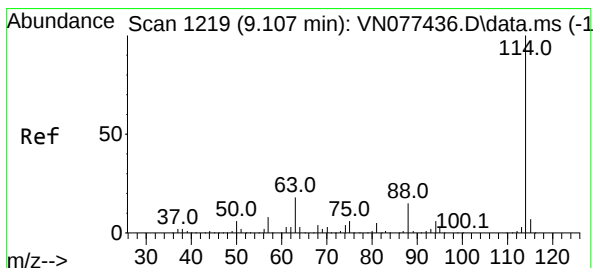
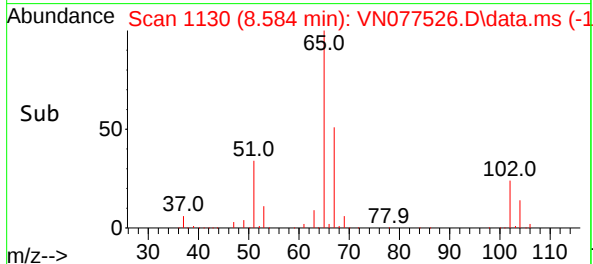
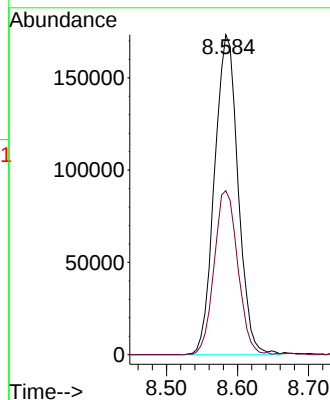
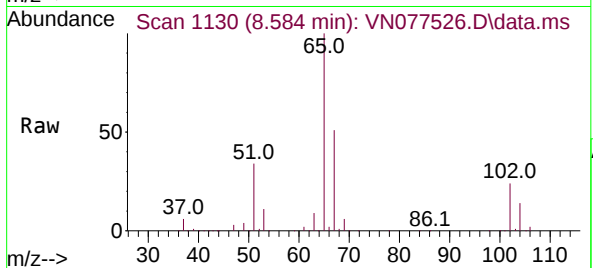




#33
 1,2-Dichloroethane-d4
 Concen: 51.297 ug/l
 RT: 8.584 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VN077526.D
 Acq: 29 Apr 2023 18:05

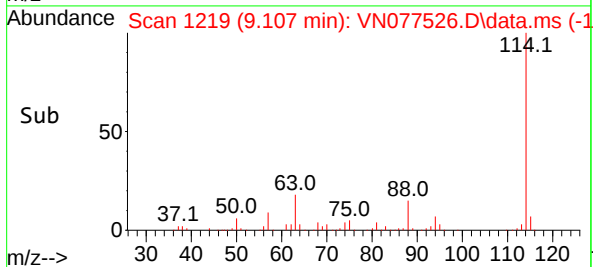
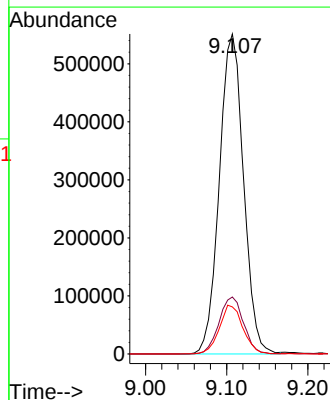
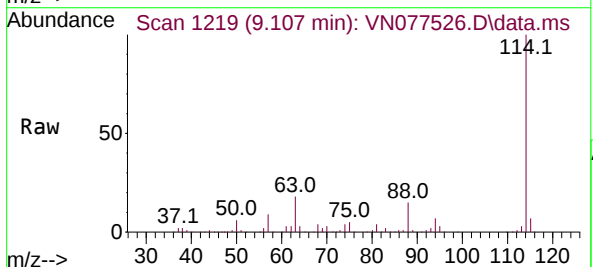
Instrument :
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 BU-511-VOC-02

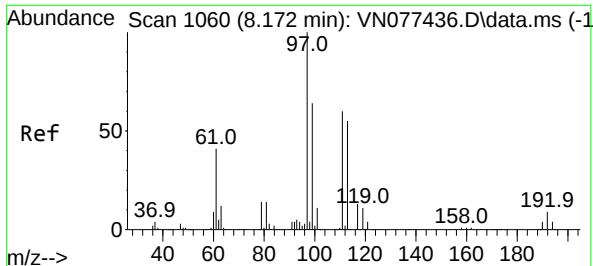
Tgt Ion: 65 Resp: 399100
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VN077526.D
 Acq: 29 Apr 2023 18:05

Tgt Ion: 114 Resp: 1141767
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.4
 88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.781 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077526.D

Acq: 29 Apr 2023 18:05

Instrument :

MSVOA_N

ClientSampleId :

BU-511-VOC-02

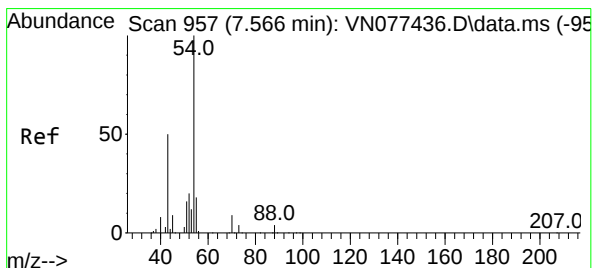
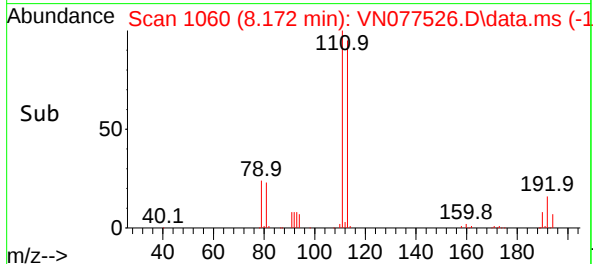
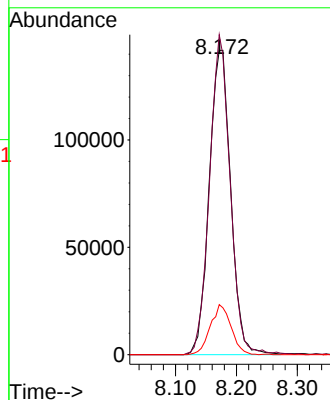
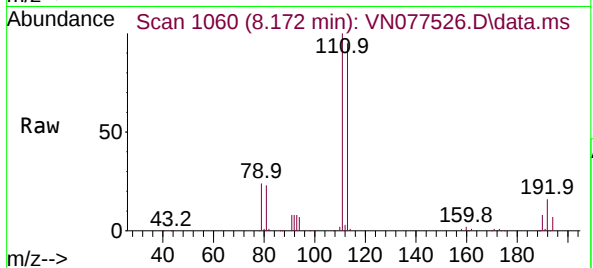
Tgt Ion:113 Resp: 348482

Ion Ratio Lower Upper

113 100

111 100.7 82.6 123.8

192 15.8 12.7 19.1



#37

Ethyl Acetate

Concen: 12.061 ug/l

RT: 7.566 min Scan# 957

Delta R.T. -0.000 min

Lab File: VN077526.D

Acq: 29 Apr 2023 18:05

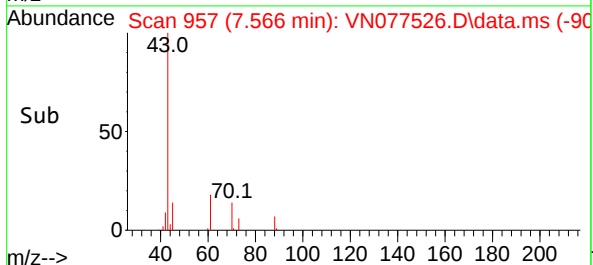
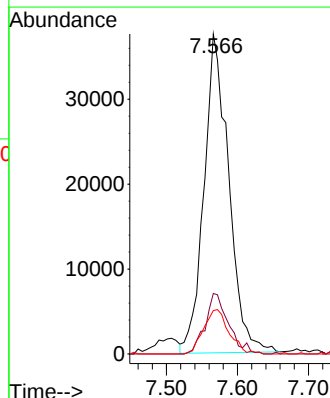
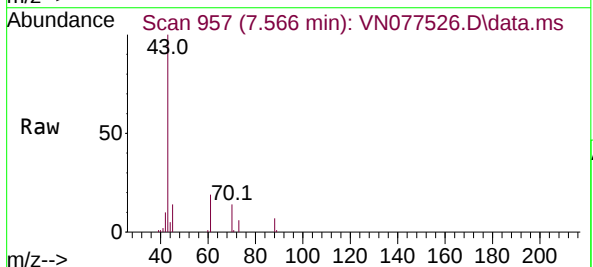
Tgt Ion: 43 Resp: 90864

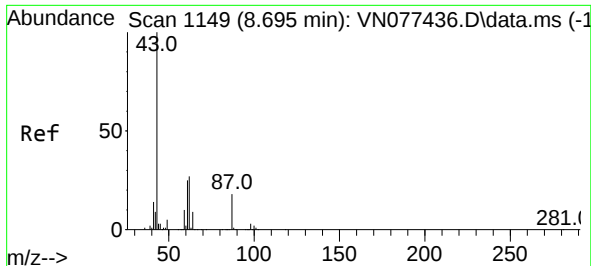
Ion Ratio Lower Upper

43 100

61 17.9 13.2 19.8

70 14.4 11.3 16.9

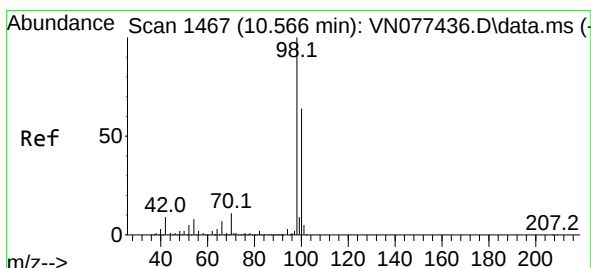
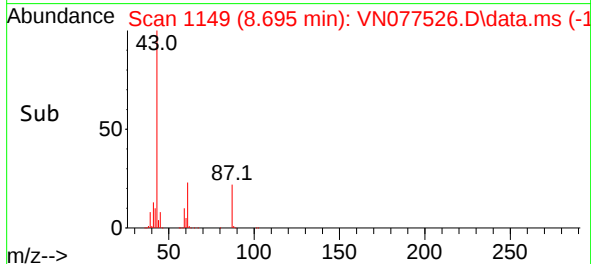
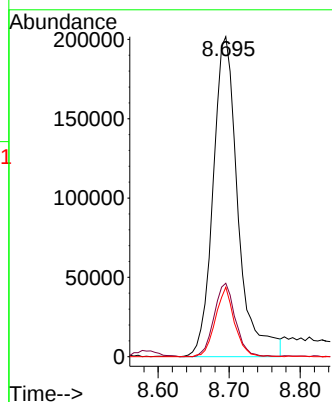
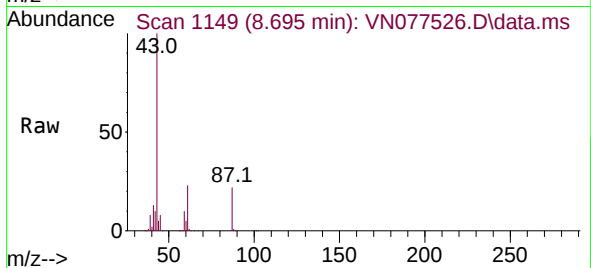




#43
Isopropyl Acetate
Concen: 37.638 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077526.D
Acq: 29 Apr 2023 18:05

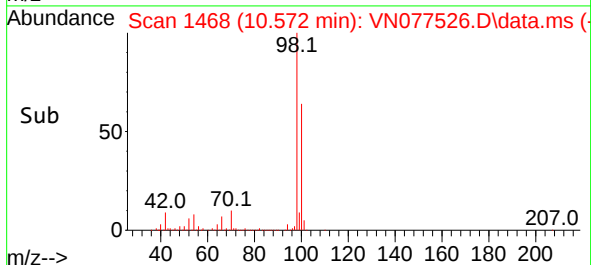
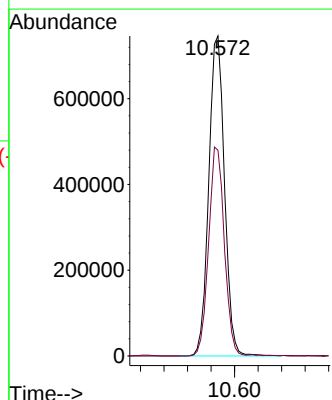
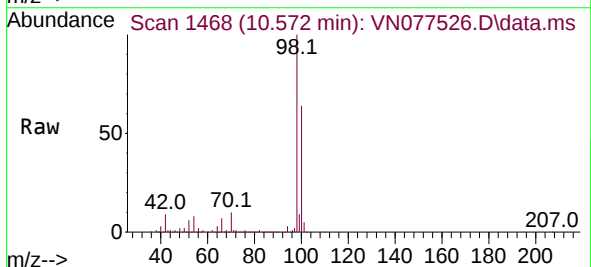
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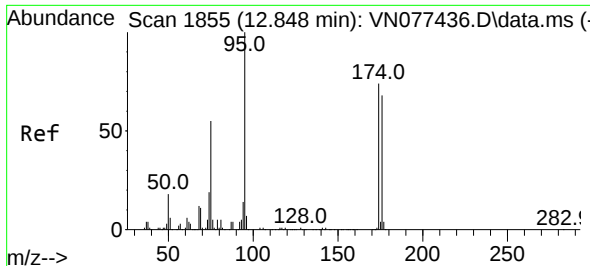
Tgt Ion: 43 Resp: 490556
Ion Ratio Lower Upper
43 100
61 19.7 24.7 37.1#
87 16.6 14.6 21.8



#50
Toluene-d8
Concen: 52.692 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077526.D
Acq: 29 Apr 2023 18:05

Tgt Ion: 98 Resp: 1385860
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

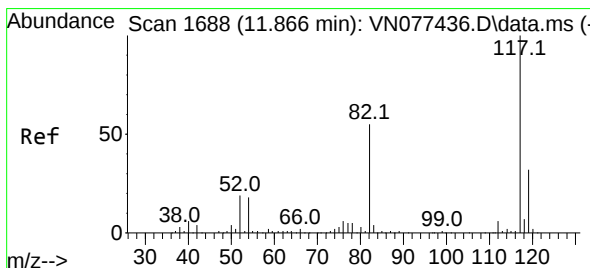
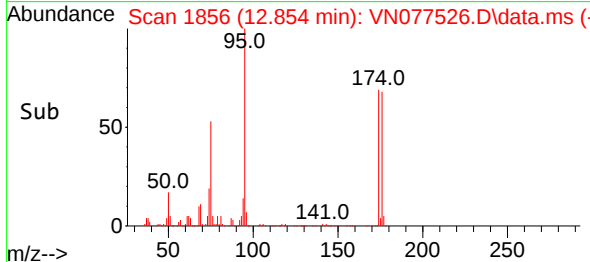
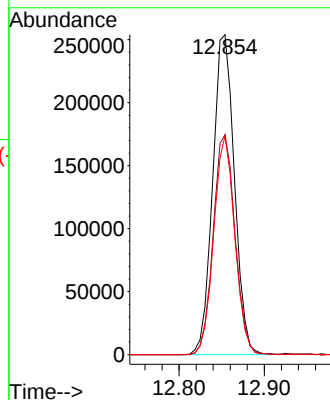
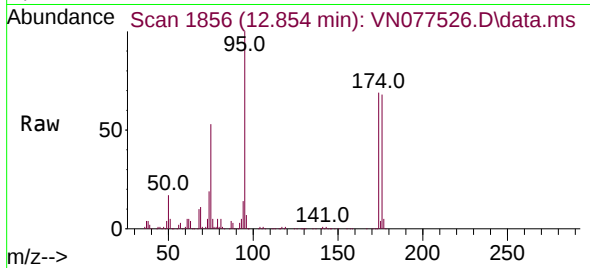




#62
4-Bromofluorobenzene
Concen: 52.202 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077526.D
Acq: 29 Apr 2023 18:05

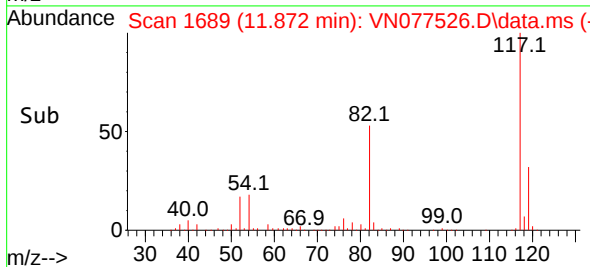
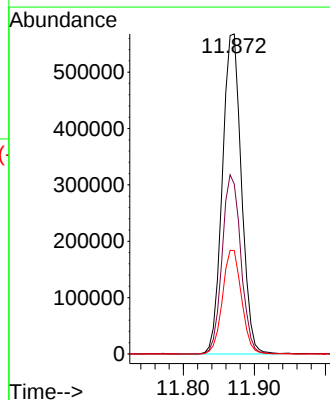
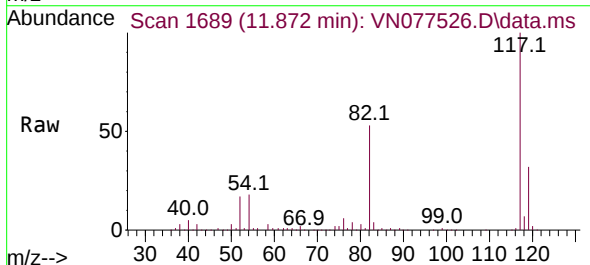
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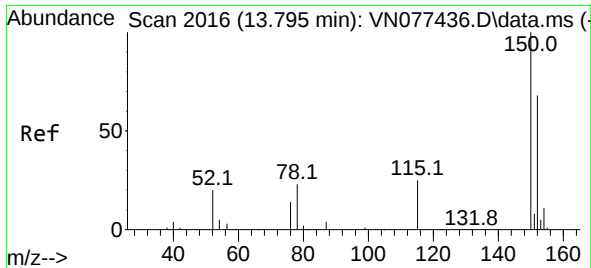
Tgt Ion: 95 Resp: 449206
Ion Ratio Lower Upper
95 100
174 69.3 0.0 143.8
176 66.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077526.D
Acq: 29 Apr 2023 18:05

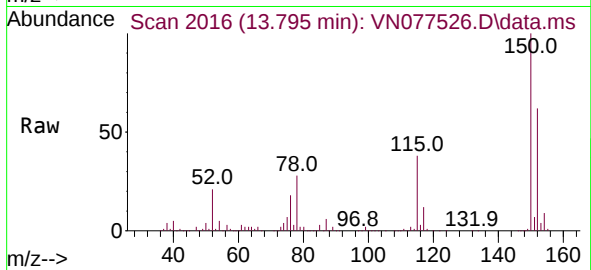
Tgt Ion: 117 Resp: 1053992
Ion Ratio Lower Upper
117 100
82 53.1 44.0 66.0
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077526.D
 Acq: 29 Apr 2023 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-511-VOC-02



Tgt Ion:152 Resp: 369119
 Ion Ratio Lower Upper
 152 100
 115 63.7 32.3 96.8
 150 158.9 0.0 355.8

