

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077946.D
 Acq On : 27 May 2023 00:51
 Operator : JC\MD
 Sample : 02916-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-621-VOC-01

Quant Time: May 29 01:40:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

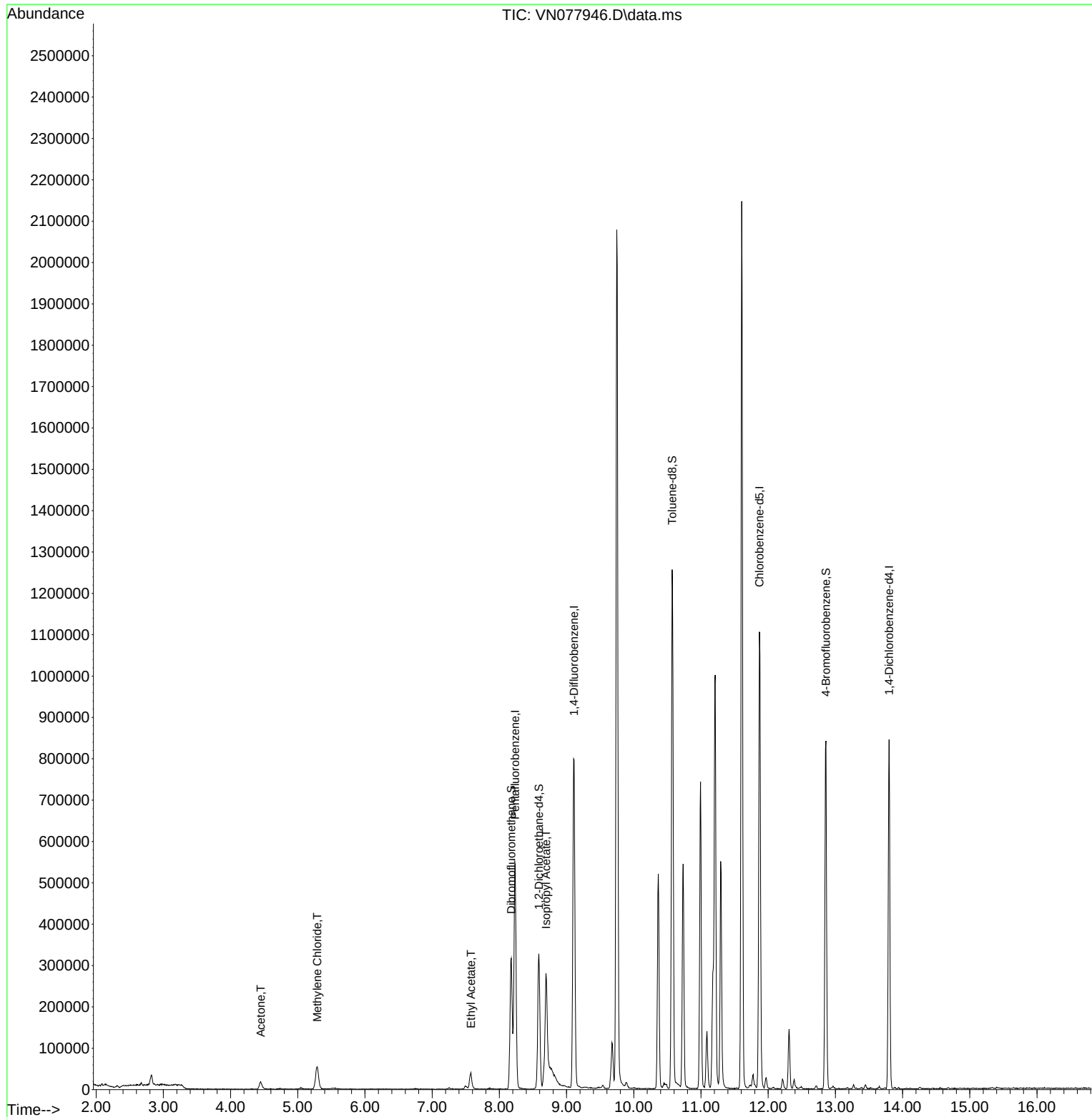
Internal Standards						
1) Pentafluorobenzene	8.235	168	385199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	725364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	670958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	225372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	269036	46.679	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.360%
35) Dibromofluoromethane	8.177	113	229857	48.595	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	10.570	98	915124	50.264	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.520%
62) 4-Bromofluorobenzene	12.859	95	303805	47.248	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.500%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	31051	17.124	ug/l	96
20) Methylene Chloride	5.288	84	44261	7.707	ug/l	89
37) Ethyl Acetate	7.577	43	57628	9.345	ug/l #	95
43) Isopropyl Acetate	8.694	43	345724	34.325	ug/l #	77

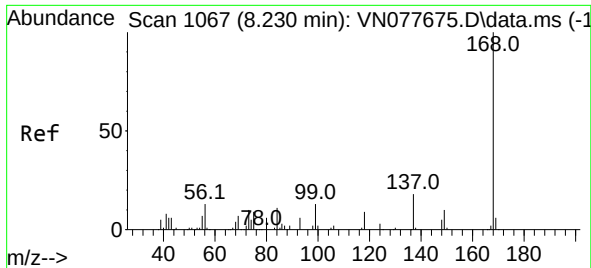
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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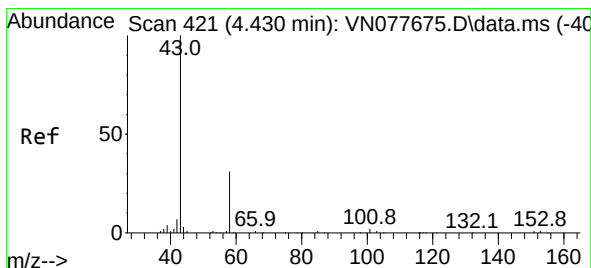
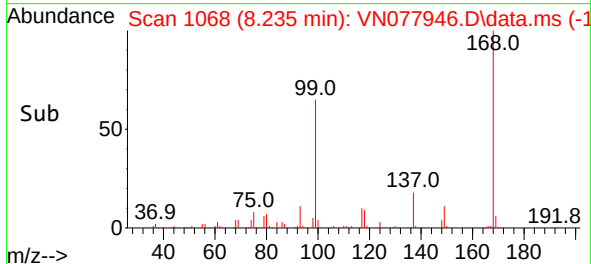
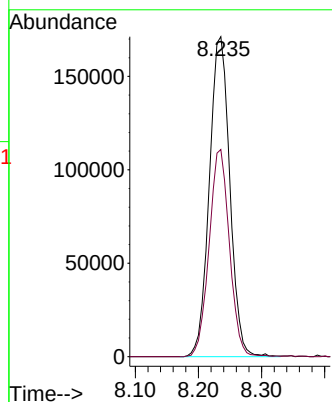
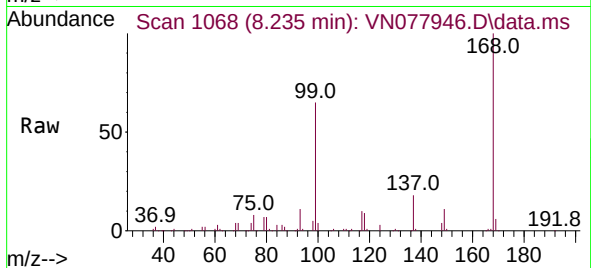




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077946.D
Acq: 27 May 2023 00:51

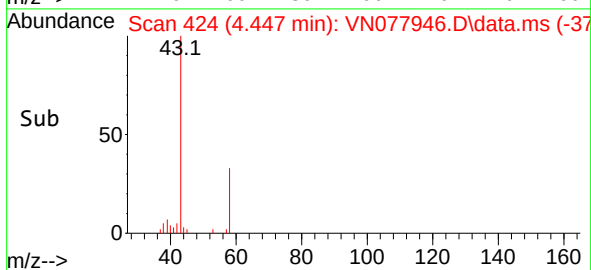
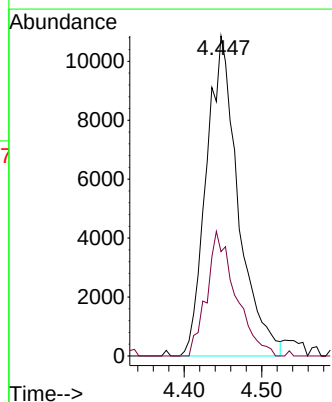
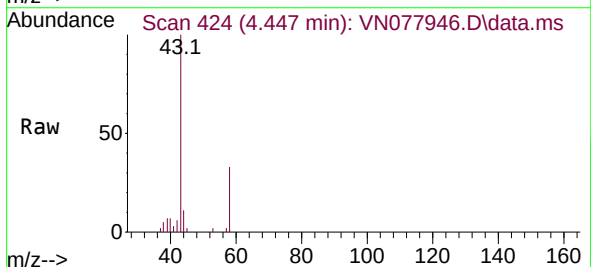
Instrument :
MSVOA_N
ClientSampleId :
SU-621-VOC-01

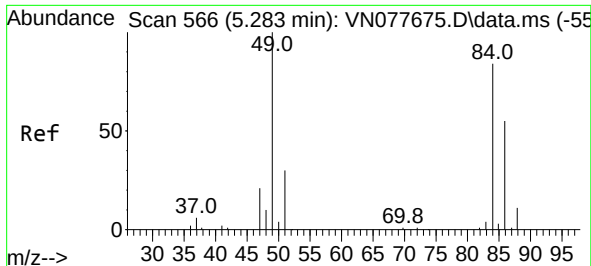
Tgt Ion:168 Resp: 385199
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6



#16
Acetone
Concen: 17.124 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN077946.D
Acq: 27 May 2023 00:51

Tgt Ion: 43 Resp: 31051
Ion Ratio Lower Upper
43 100
58 32.6 28.0 42.0

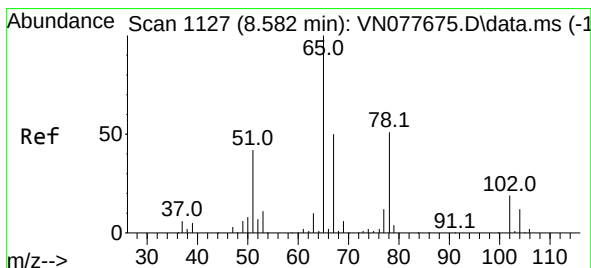
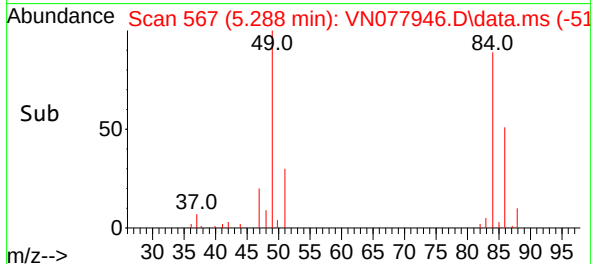
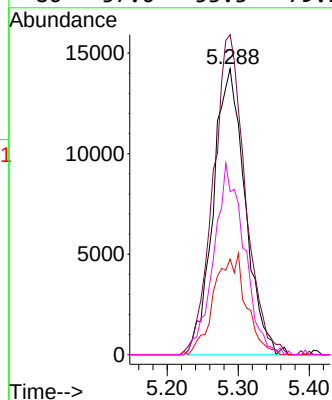
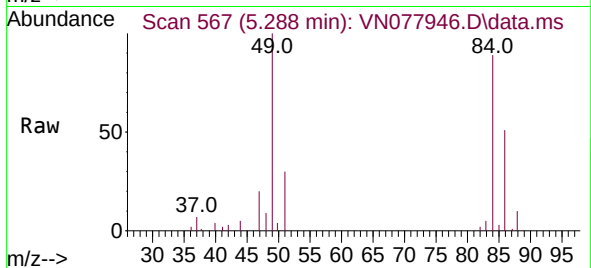




#20
Methylene Chloride
Concen: 7.707 ug/l
RT: 5.288 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN077946.D
Acq: 27 May 2023 00:51

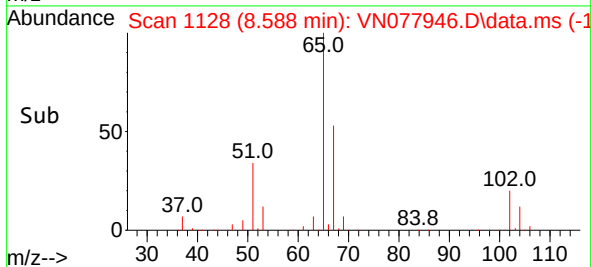
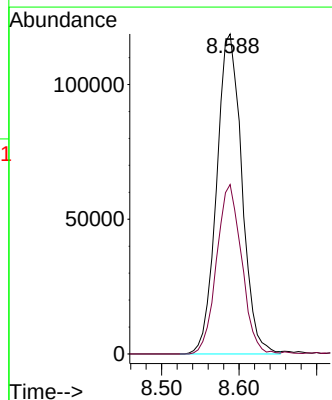
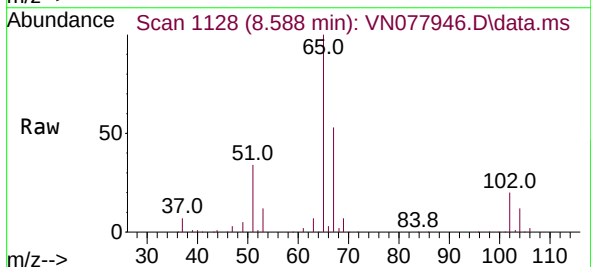
Instrument :
MSVOA_N
ClientSampleId :
SU-621-VOC-01

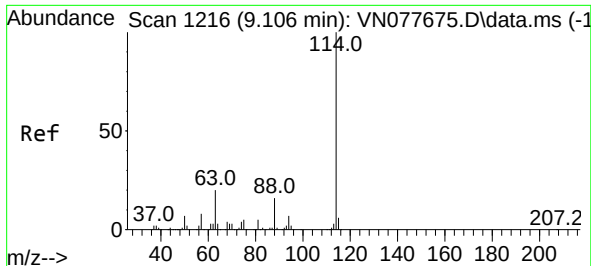
Tgt Ion:	84	Resp:	44261
Ion	Ratio	Lower	Upper
84	100		
49	111.9	79.7	119.5
51	33.4	25.2	37.8
86	57.0	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 46.679 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077946.D
Acq: 27 May 2023 00:51

Tgt Ion:	65	Resp:	269036
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077946.D

Acq: 27 May 2023 00:51

Instrument :

MSVOA_N

ClientSampleId :

SU-621-VOC-01

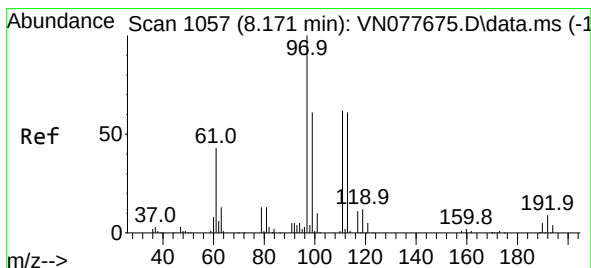
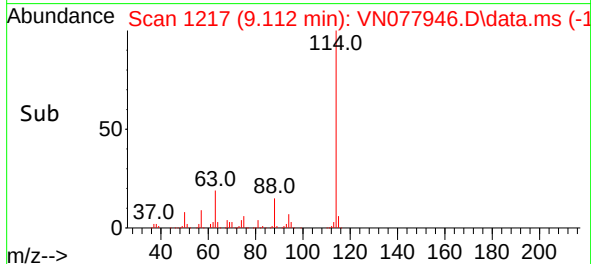
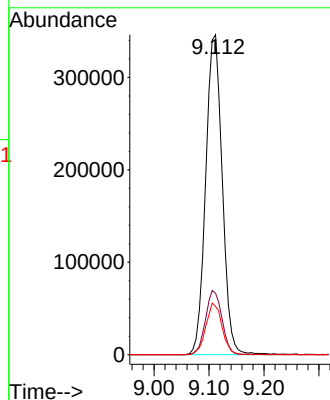
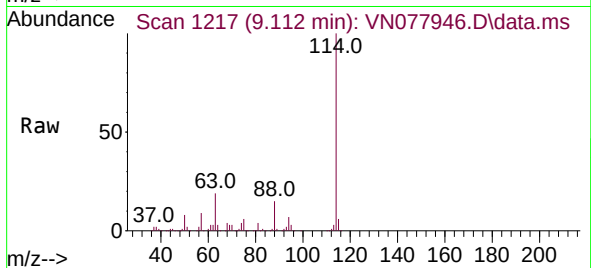
Tgt Ion:114 Resp: 725364

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.595 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077946.D

Acq: 27 May 2023 00:51

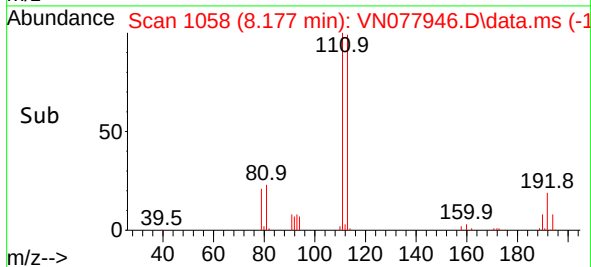
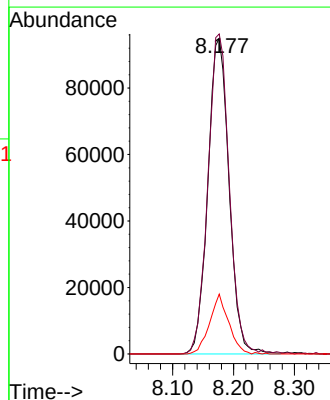
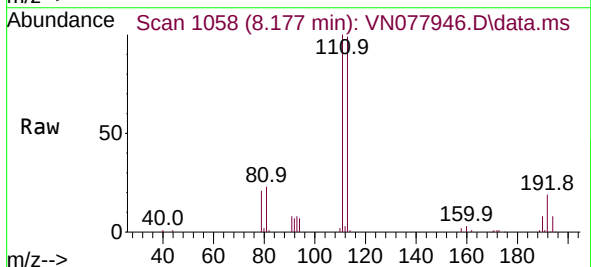
Tgt Ion:113 Resp: 229857

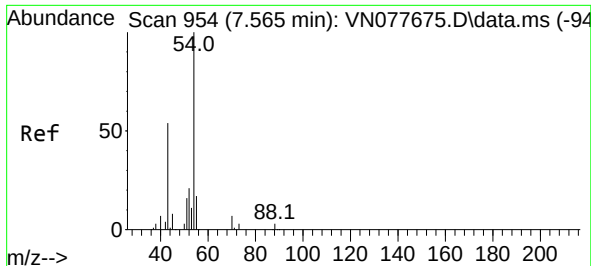
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 17.0 12.7 19.1





#37

Ethyl Acetate

Concen: 9.345 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN077946.D

Acq: 27 May 2023 00:51

Instrument :

MSVOA_N

ClientSampleId :

SU-621-VOC-01

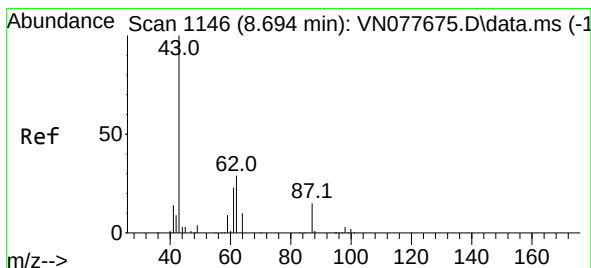
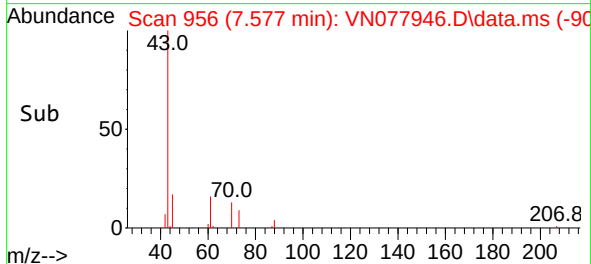
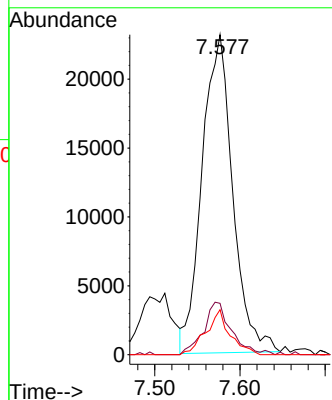
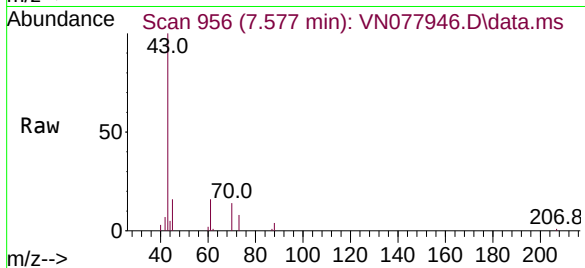
Tgt Ion: 43 Resp: 57628

Ion Ratio Lower Upper

43 100

61 15.1 13.2 19.8

70 11.1 11.3 16.9#



#43

Isopropyl Acetate

Concen: 34.325 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077946.D

Acq: 27 May 2023 00:51

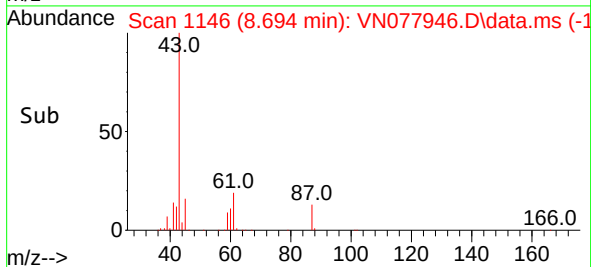
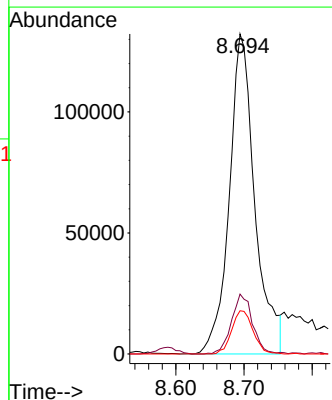
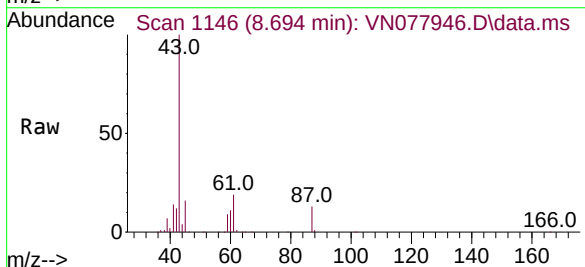
Tgt Ion: 43 Resp: 345724

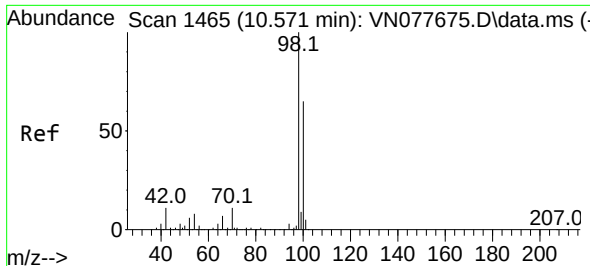
Ion Ratio Lower Upper

43 100

61 15.4 24.7 37.1#

87 11.3 14.6 21.8#

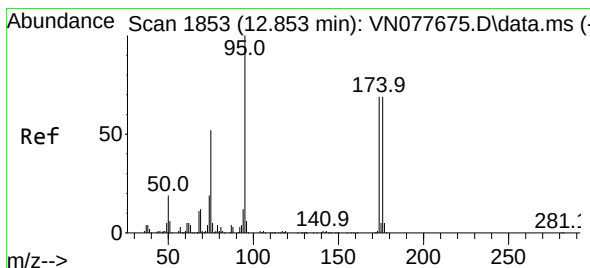
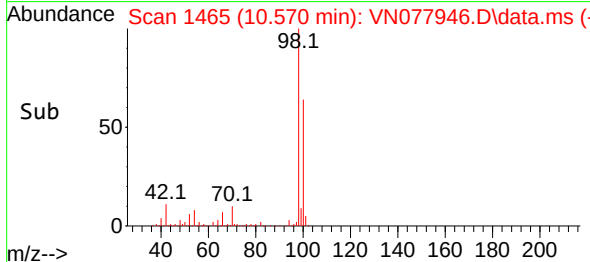
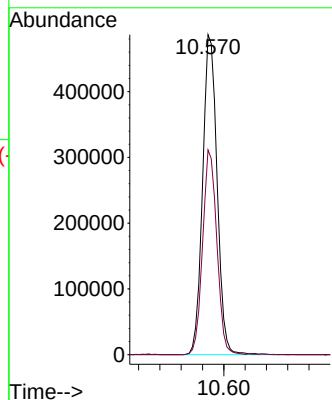
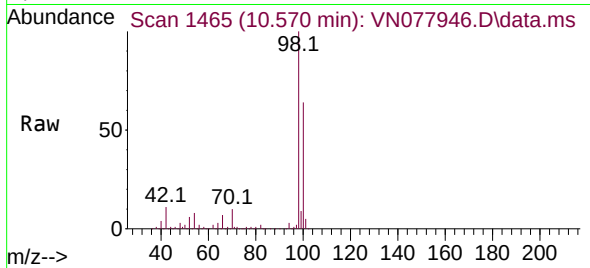




#50
Toluene-d8
Concen: 50.264 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077946.D
Acq: 27 May 2023 00:51

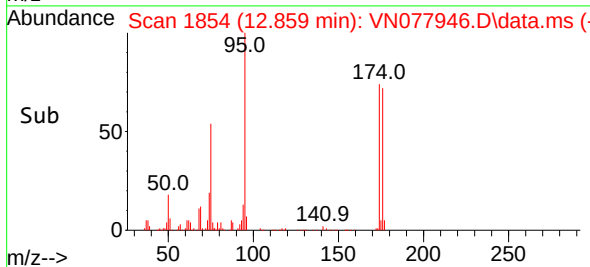
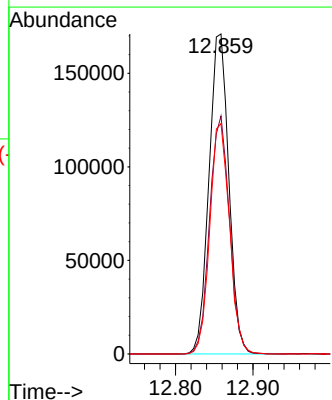
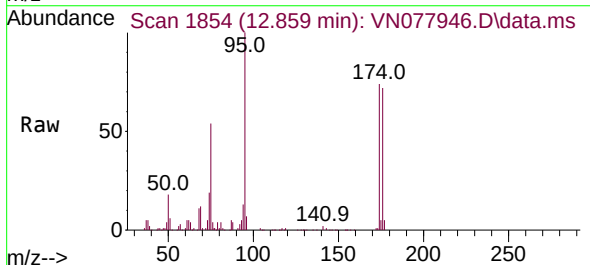
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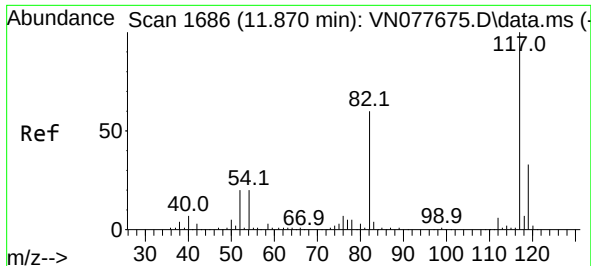
Tgt Ion: 98 Resp: 915124
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.248 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077946.D
Acq: 27 May 2023 00:51

Tgt Ion: 95 Resp: 303805
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.4 0.0 135.8

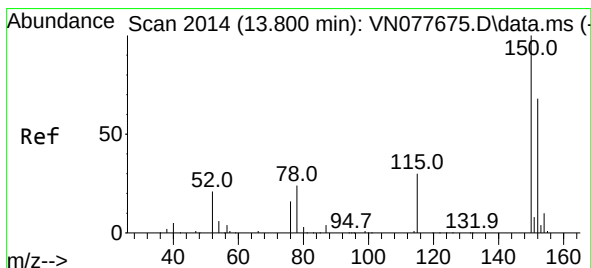
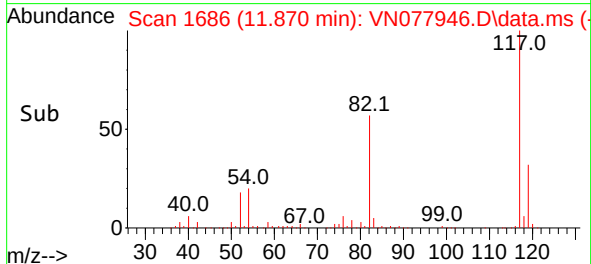
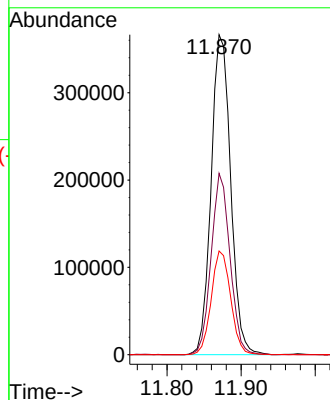
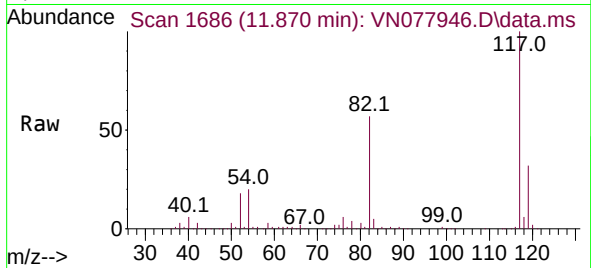




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN077946.D
Acq: 27 May 2023 00:51

Instrument :
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Tgt Ion:117 Resp: 670958
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077946.D
Acq: 27 May 2023 00:51

Tgt Ion:152 Resp: 225372
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 153.9 0.0 355.8

