

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077645.D
 Acq On : 09 May 2023 20:33
 Operator : JC\MD
 Sample : 02665-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-612-VOC-01

Quant Time: May 10 04:52:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:52:31 2023
 Response via : Initial Calibration

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

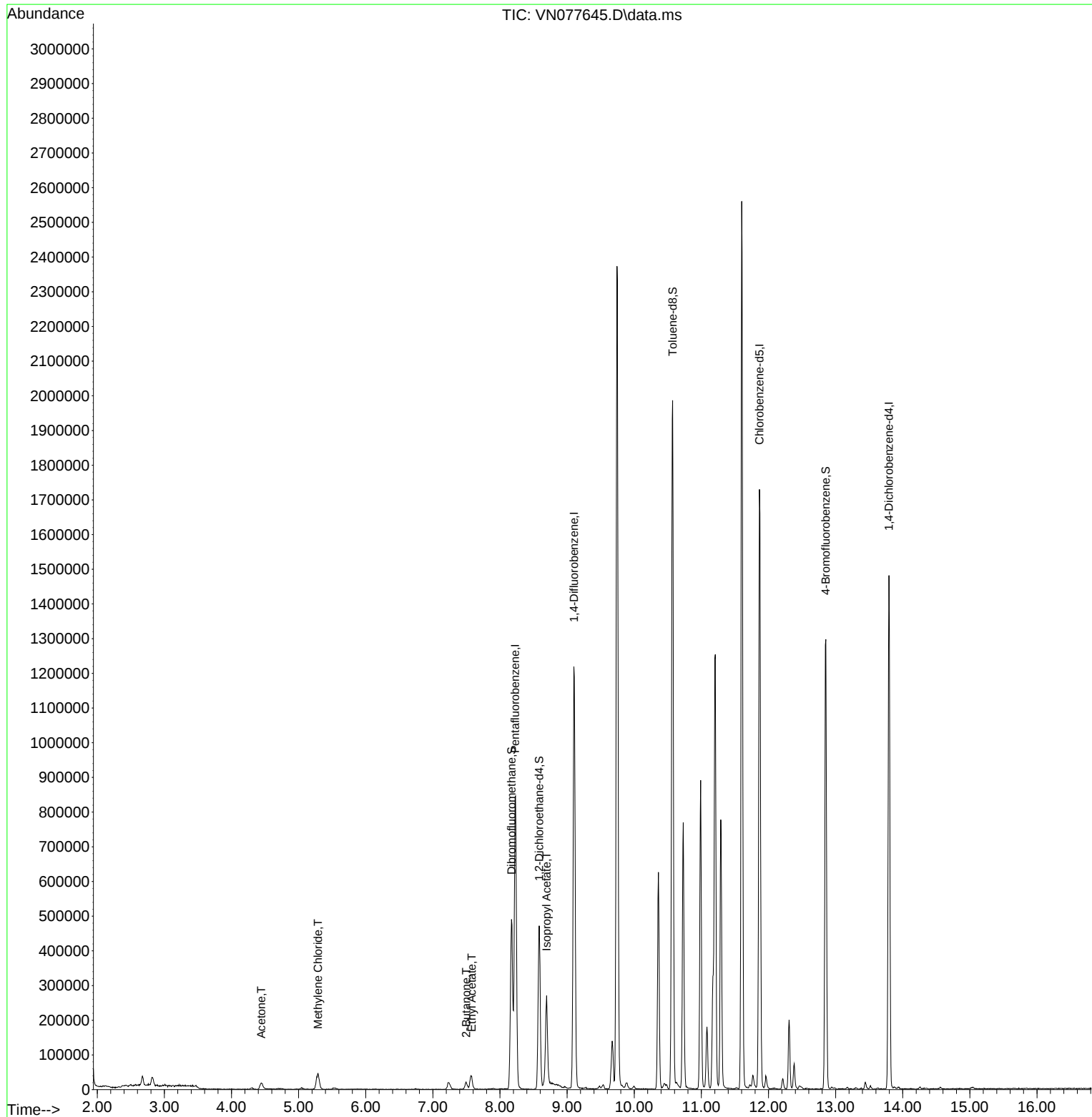
Internal Standards						
1) Pentafluorobenzene	8.225	168	643956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1146354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1122408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	416751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	389259	47.663	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.320%
35) Dibromofluoromethane	8.172	113	350278	48.993	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.980%
50) Toluene-d8	10.572	98	1479718	54.666	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.340%
62) 4-Bromofluorobenzene	12.854	95	481794	52.625	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.260%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	34227	17.648	ug/l	89
20) Methylene Chloride	5.290	84	41242	5.132	ug/l	94
25) 2-Butanone	7.495	43	28776	10.152	ug/l	89
37) Ethyl Acetate	7.578	43	55813	9.893	ug/l	94
43) Isopropyl Acetate	8.695	43	299139	30.242	ug/l #	87

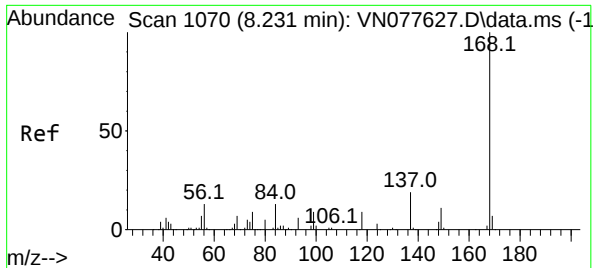
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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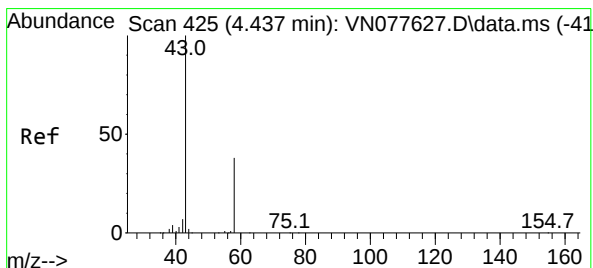
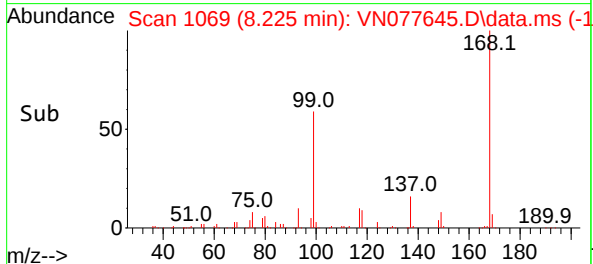
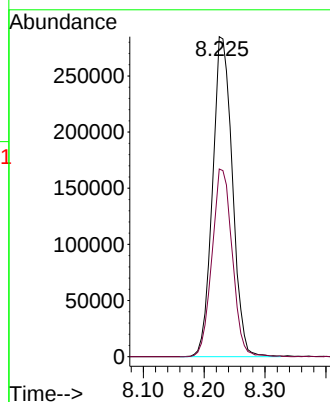
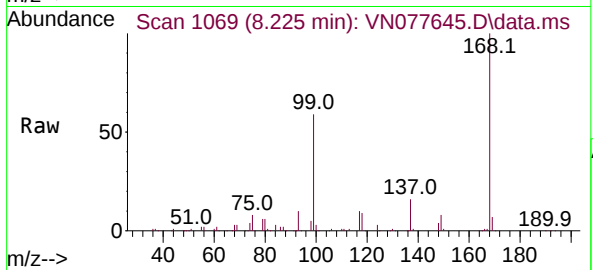




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN077645.D
Acq: 09 May 2023 20:33

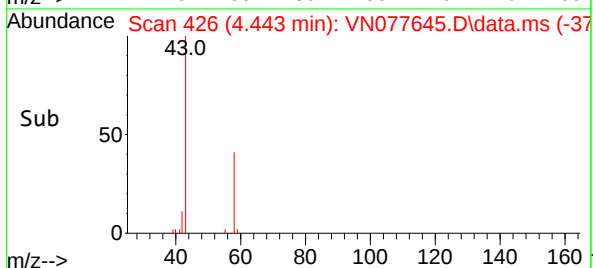
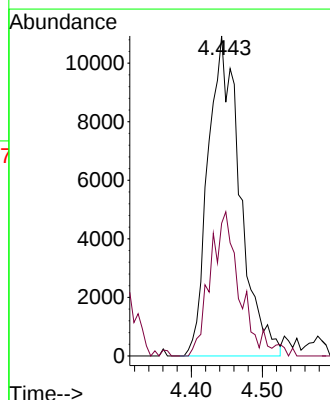
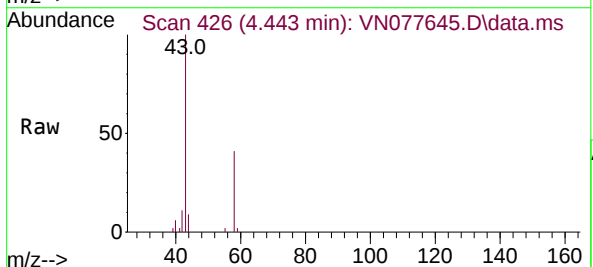
Instrument :
MSVOA_N
ClientSampleId :
TR-612-VOC-01

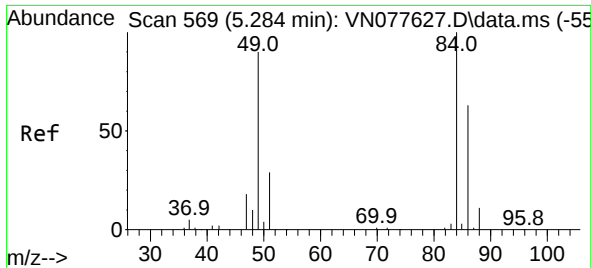
Tgt Ion:168 Resp: 643956
Ion Ratio Lower Upper
168 100
99 58.6 53.0 79.6



#16
Acetone
Concen: 17.648 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077645.D
Acq: 09 May 2023 20:33

Tgt Ion: 43 Resp: 34227
Ion Ratio Lower Upper
43 100
58 41.5 28.0 42.0

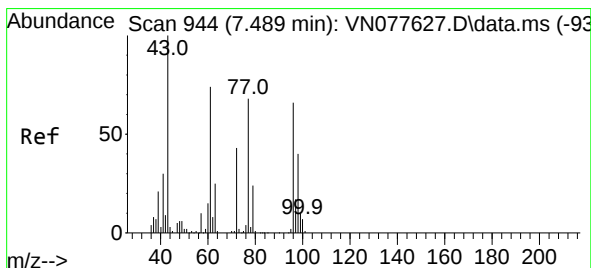
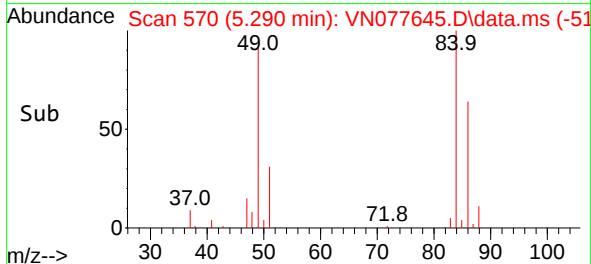
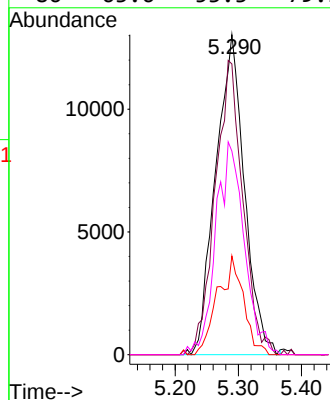
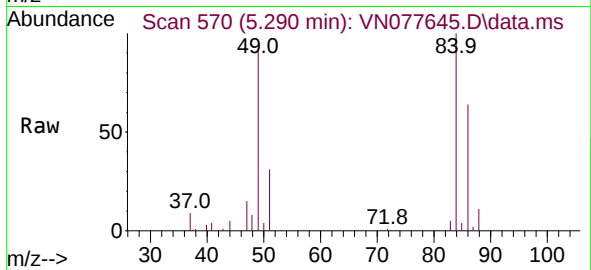




#20
Methylene Chloride
Concen: 5.132 ug/l
RT: 5.290 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077645.D
Acq: 09 May 2023 20:33

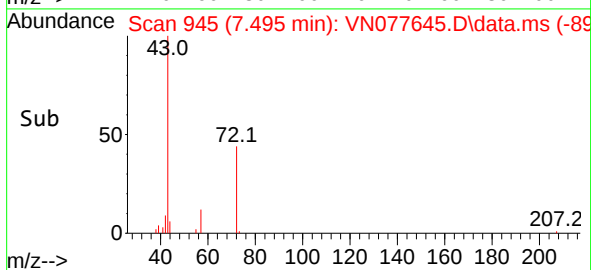
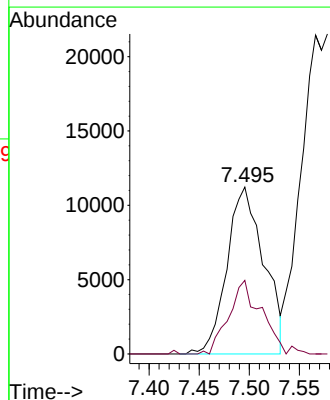
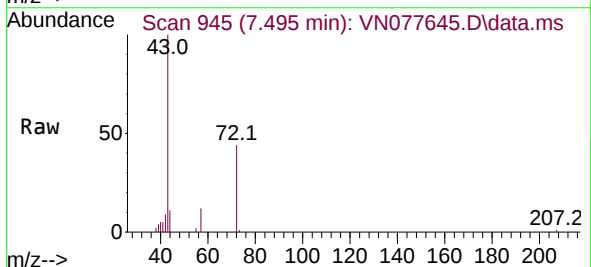
Instrument :
MSVOA_N
ClientSampleId :
TR-612-VOC-01

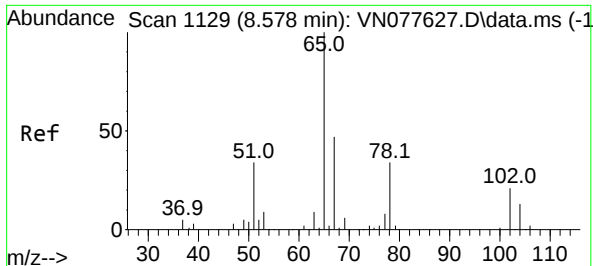
Tgt Ion:	84	Resp:	41242
Ion	Ratio	Lower	Upper
84	100		
49	90.9	79.7	119.5
51	30.9	25.2	37.8
86	63.6	53.3	79.9



#25
2-Butanone
Concen: 10.152 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077645.D
Acq: 09 May 2023 20:33

Tgt Ion:	43	Resp:	28776
Ion	Ratio	Lower	Upper
43	100		
72	44.1	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 47.663 ug/l

RT: 8.584 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN077645.D

Acq: 09 May 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

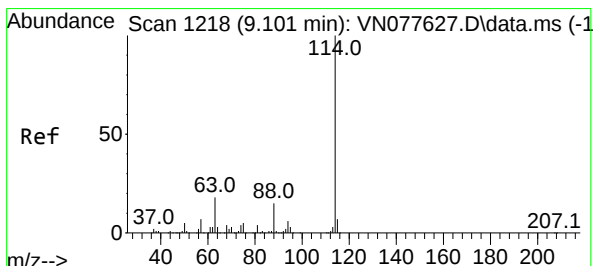
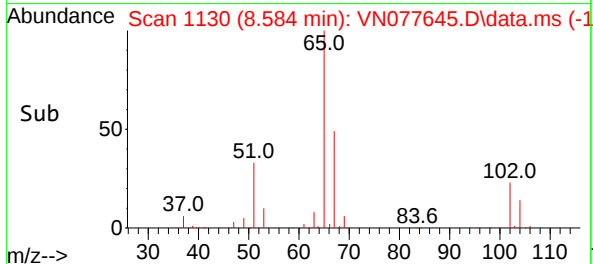
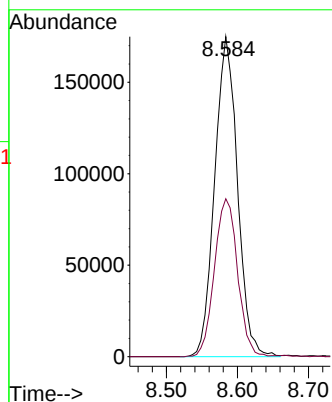
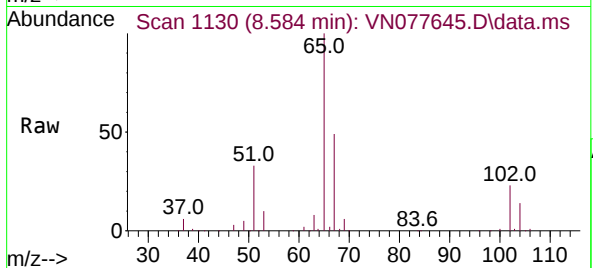
TR-612-VOC-01

Tgt Ion: 65 Resp: 389259

Ion Ratio Lower Upper

65 100

67 50.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VN077645.D

Acq: 09 May 2023 20:33

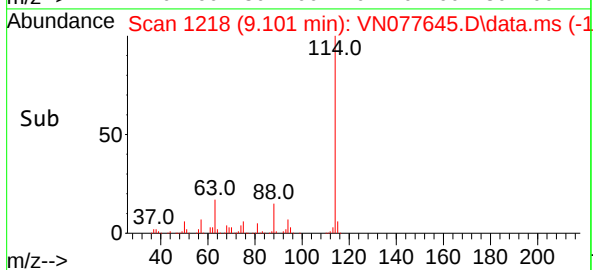
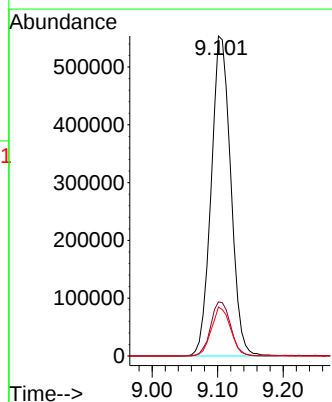
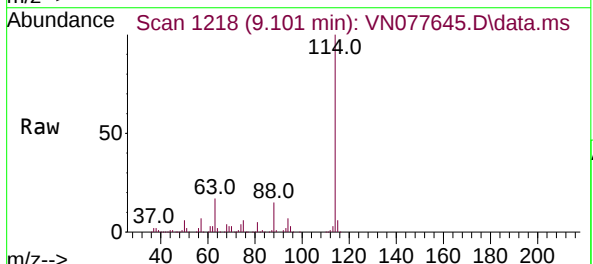
Tgt Ion: 114 Resp: 1146354

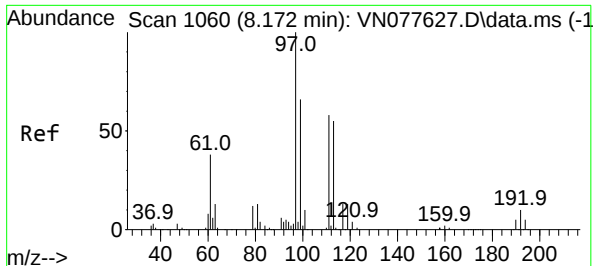
Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.993 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077645.D

Acq: 09 May 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

TR-612-VOC-01

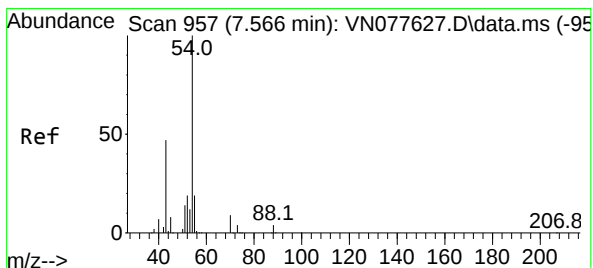
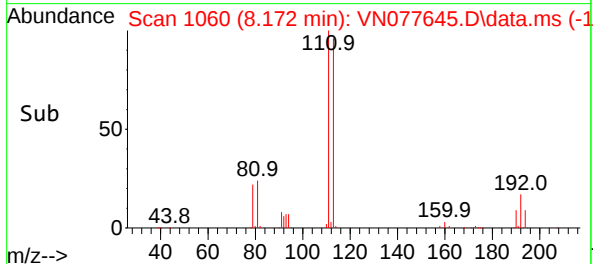
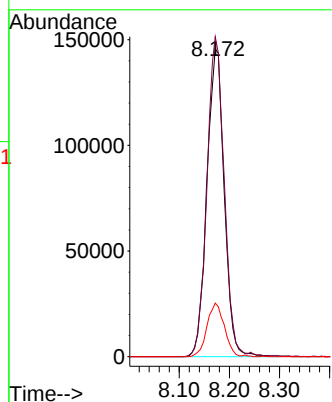
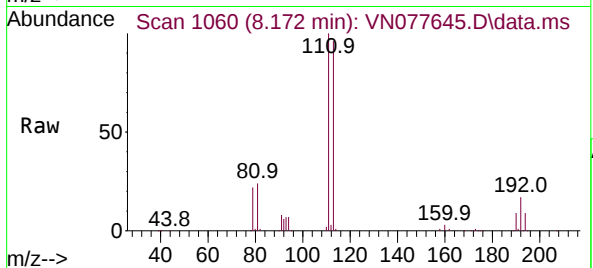
Tgt Ion:113 Resp: 350278

Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 17.3 12.7 19.1



#37

Ethyl Acetate

Concen: 9.893 ug/l

RT: 7.578 min Scan# 959

Delta R.T. 0.012 min

Lab File: VN077645.D

Acq: 09 May 2023 20:33

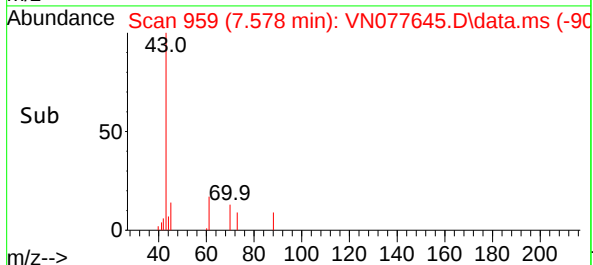
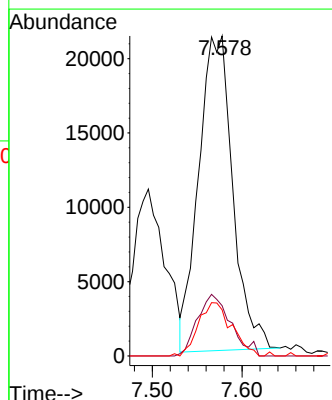
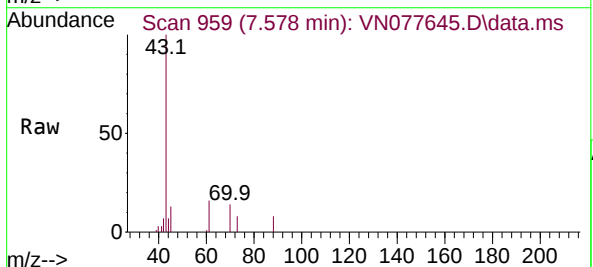
Tgt Ion: 43 Resp: 55813

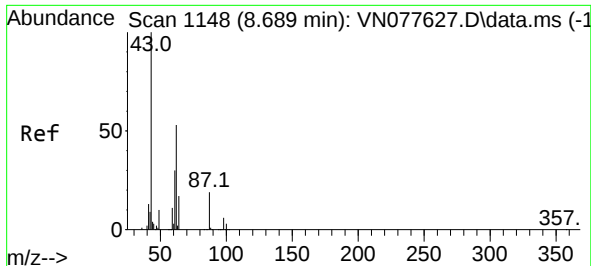
Ion Ratio Lower Upper

43 100

61 19.1 13.2 19.8

70 16.5 11.3 16.9

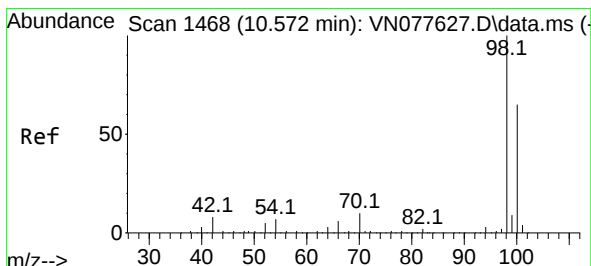
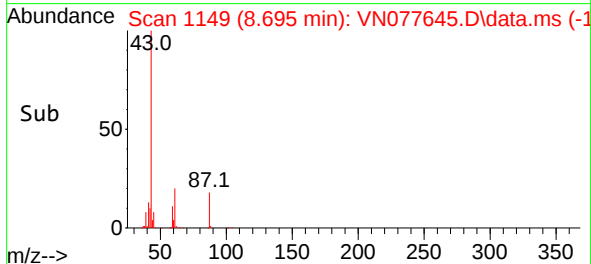
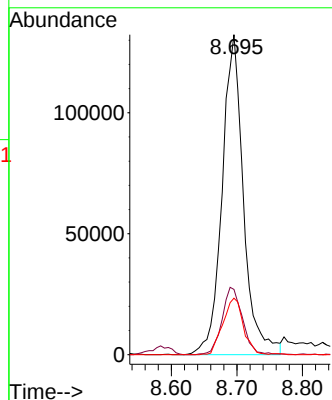
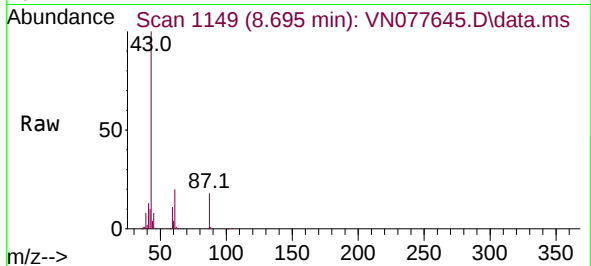




#43
Isopropyl Acetate
Concen: 30.242 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077645.D
Acq: 09 May 2023 20:33

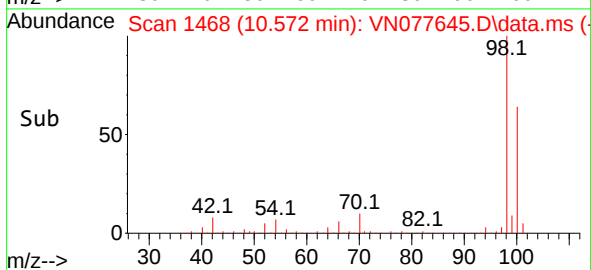
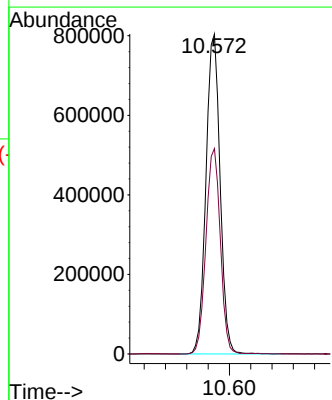
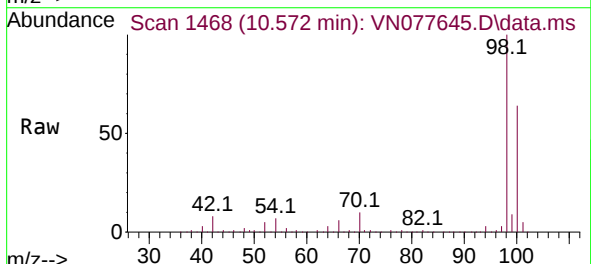
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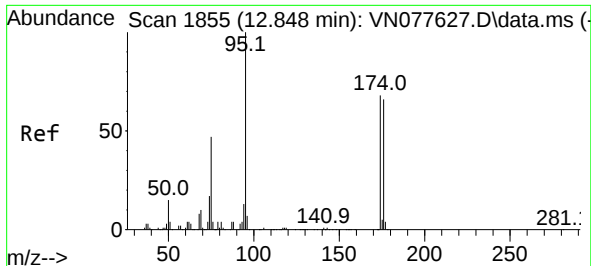
Tgt Ion: 43 Resp: 299139
Ion Ratio Lower Upper
43 100
61 20.1 24.7 37.1#
87 16.9 14.6 21.8



#50
Toluene-d8
Concen: 54.666 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077645.D
Acq: 09 May 2023 20:33

Tgt Ion: 98 Resp: 1479718
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.625 ug/l

RT: 12.854 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VN077645.D

Acq: 09 May 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

TR-612-VOC-01

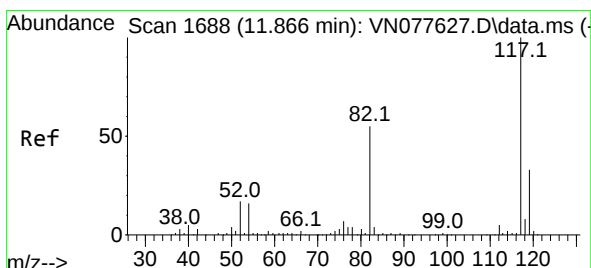
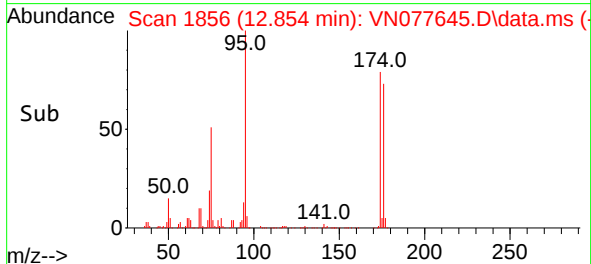
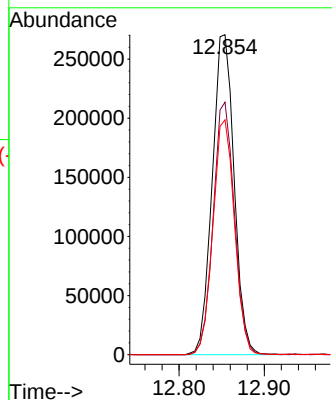
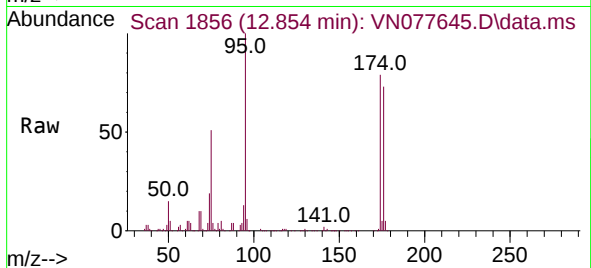
Tgt Ion: 95 Resp: 481794

Ion Ratio Lower Upper

95 100

174 76.6 0.0 143.8

176 72.5 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: VN077645.D

Acq: 09 May 2023 20:33

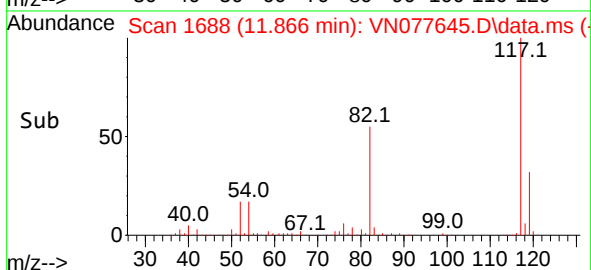
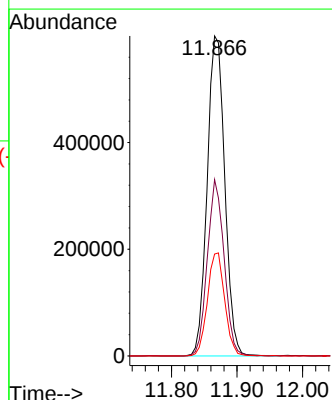
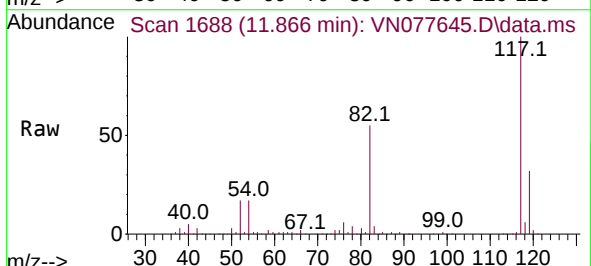
Tgt Ion: 117 Resp: 1122408

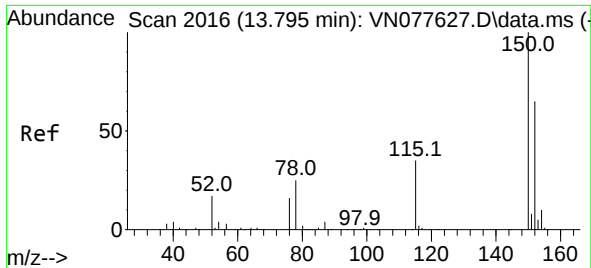
Ion Ratio Lower Upper

117 100

82 55.1 44.0 66.0

119 31.9 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: VN077645.D
 Acq: 09 May 2023 20:33

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 416751
 Ion Ratio Lower Upper
 152 100
 115 64.6 32.3 96.8
 150 158.1 0.0 355.8

