

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024177.D
 Acq On : 27 Dec 2021 13:00
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 28 05:49:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

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

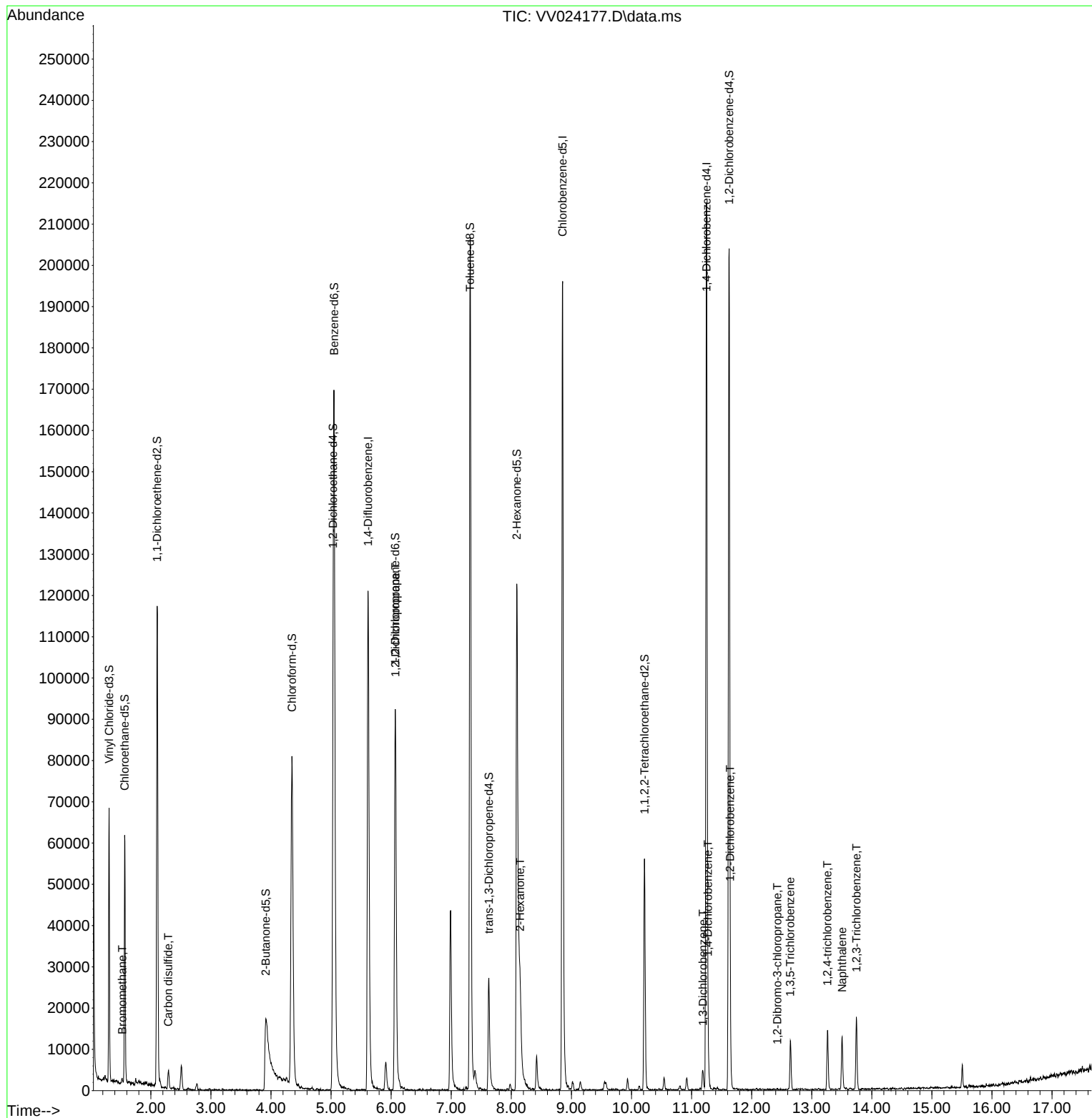
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	107864	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	114061	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58674	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39953	4.924	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.564	69	34435	5.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.105	63	59474	3.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.912	46	39729	44.084	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.160%
24) Chloroform-d	4.349	84	80447	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.034	65	39231	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.050	84	154612	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.069	67	42014	4.980	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.313	98	141207	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.625	79	16663	4.664	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.091	63	53925	44.890	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25617	4.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	54508	5.344	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
6) Bromomethane	1.523	94	505	0.041	ug/L	76
14) Carbon disulfide	2.291	76	4894	0.102	ug/L	97
37) 1,2-Dichloropropane	6.072	63	5475	0.397	ug/L #	84
48) 2-Hexanone	8.146	43	9659	2.001	ug/L #	95
64) 1,3-Dichlorobenzene	11.188	146	2594	0.081	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	3071	0.096	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	2982	0.103	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.426	75	136	0.091	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.644	180	4069	0.159	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	5212	0.264	ug/L	99
71) Naphthalene	13.506	128	11625	0.397	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.744	180	5579	0.322	ug/L	98

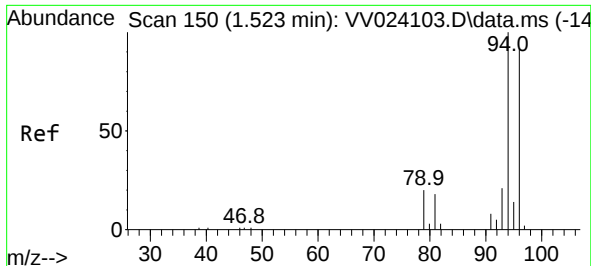
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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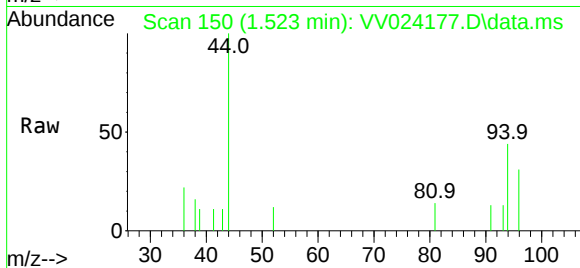
Quant Time: Dec 28 05:49:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0
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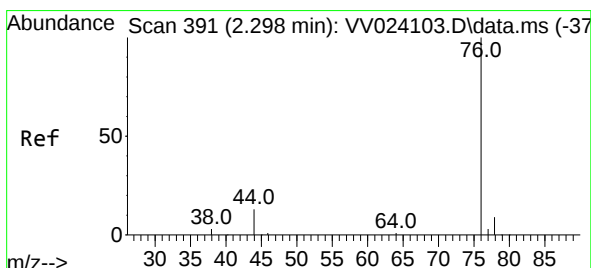
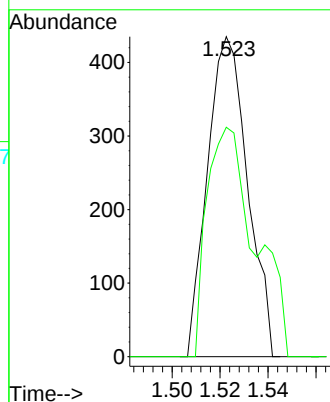
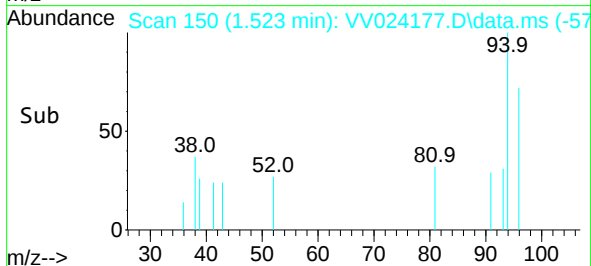


#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024177.D
Acq: 27 Dec 2021 13:00

Instrument :
MSVOA_V
ClientSampleId :

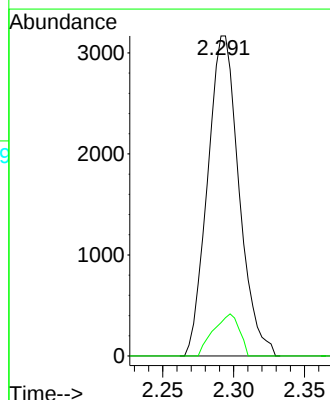
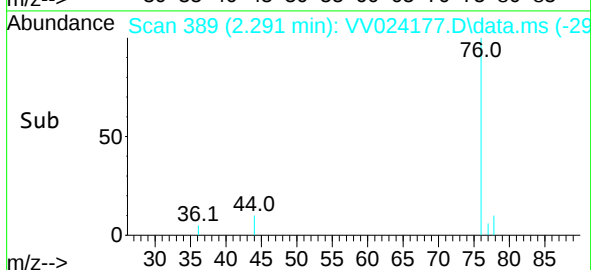
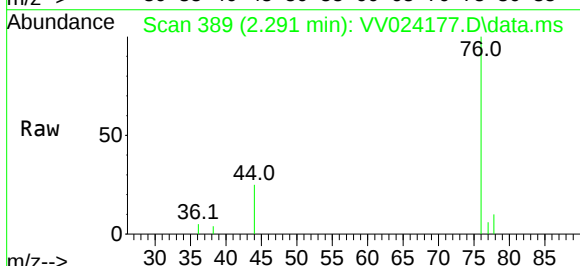


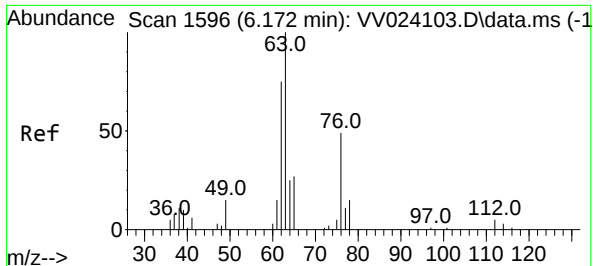
Tgt Ion: 94 Resp: 505
Ion Ratio Lower Upper
94 100
96 71.7 66.2 123.0



#14
Carbon disulfide
Concen: 0.102 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV024177.D
Acq: 27 Dec 2021 13:00

Tgt Ion: 76 Resp: 4894
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3





#37

1,2-Dichloropropane

Concen: 0.397 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV024177.D

Acq: 27 Dec 2021 13:00

Instrument :

MSVOA_V

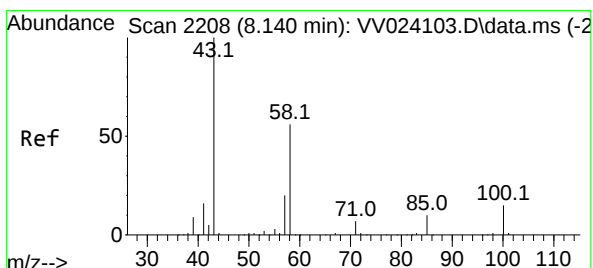
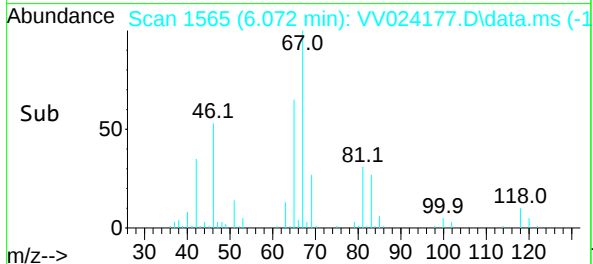
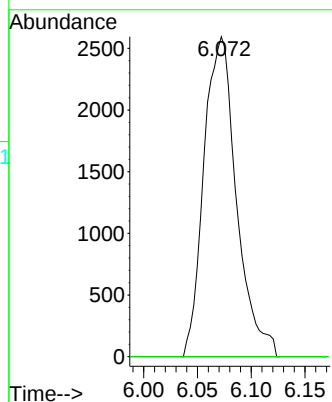
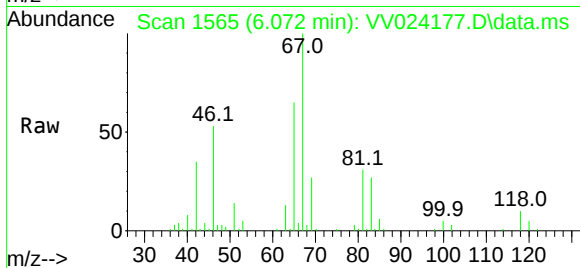
ClientSampleId :

Tgt Ion: 63 Resp: 5475

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#48

2-Hexanone

Concen: 2.001 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VV024177.D

Acq: 27 Dec 2021 13:00

Tgt Ion: 43 Resp: 9659

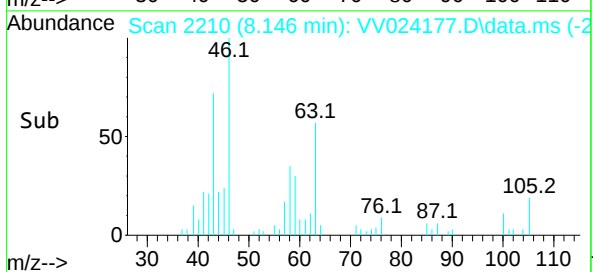
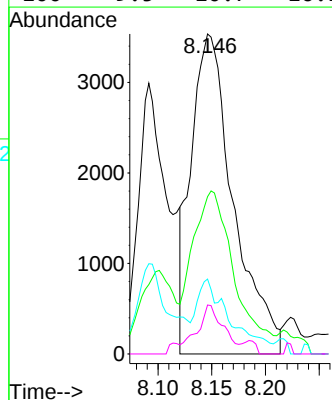
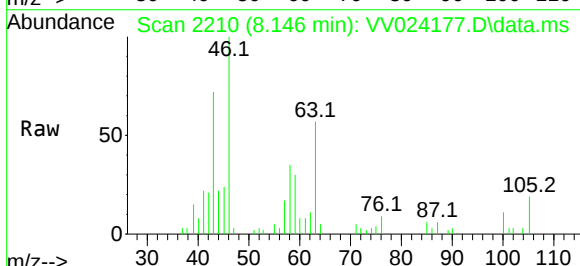
Ion Ratio Lower Upper

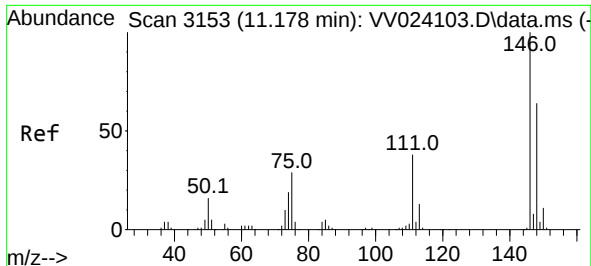
43 100

58 51.2 44.5 66.7

57 18.9 15.1 22.7

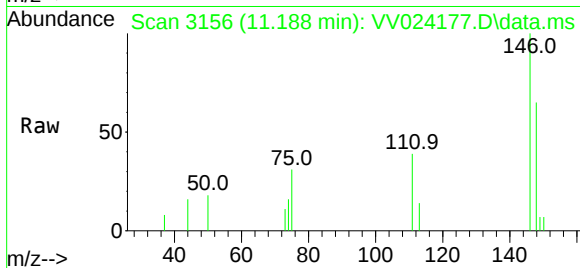
100 9.5 10.7 16.1#



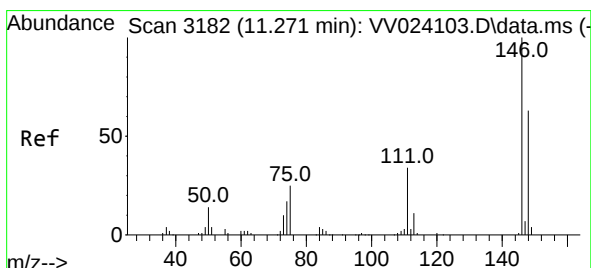
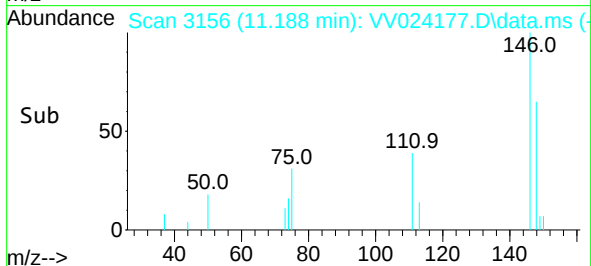
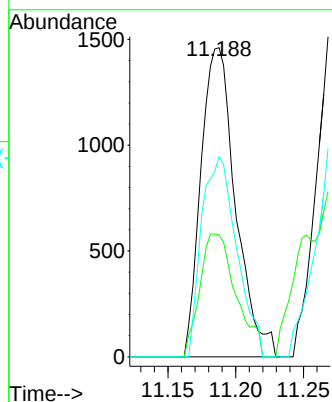


#64
1,3-Dichlorobenzene
Concen: 0.081 ug/L
RT: 11.188 min Scan# 3153
Delta R.T. 0.010 min
Lab File: VV024177.D
Acq: 27 Dec 2021 13:00

Instrument :
MSVOA_V
ClientSampleId :

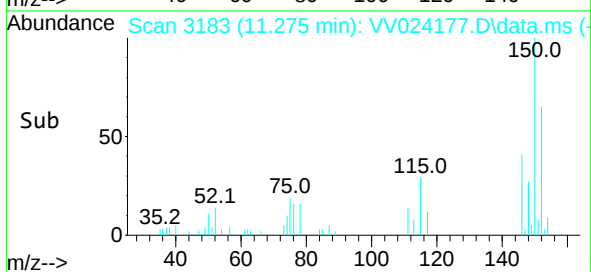
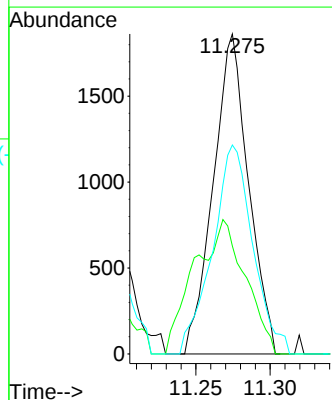
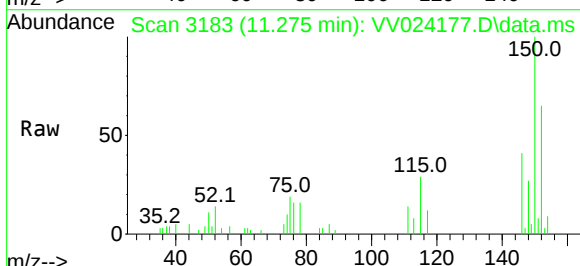


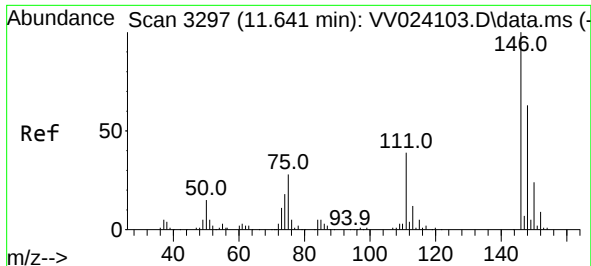
Tgt Ion:146 Resp: 2594
Ion Ratio Lower Upper
146 100
111 39.5 26.3 48.9
148 64.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 0.096 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV024177.D
Acq: 27 Dec 2021 13:00

Tgt Ion:146 Resp: 3071
Ion Ratio Lower Upper
146 100
111 33.7 25.6 47.6
148 65.3 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.103 ug/L

RT: 11.644 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV024177.D

Acq: 27 Dec 2021 13:00

Instrument :

MSVOA_V

ClientSampleId :

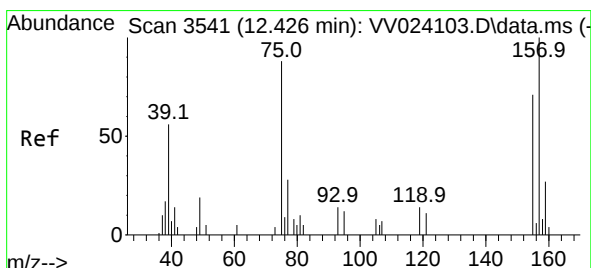
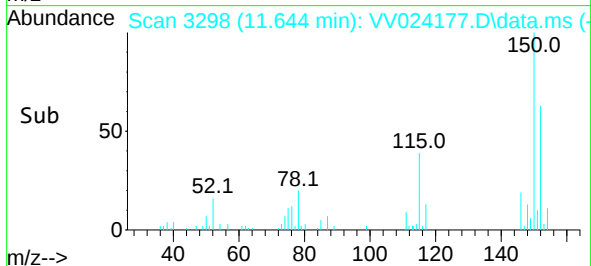
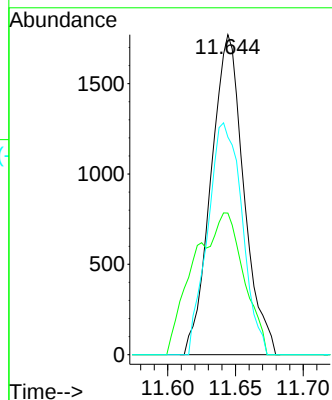
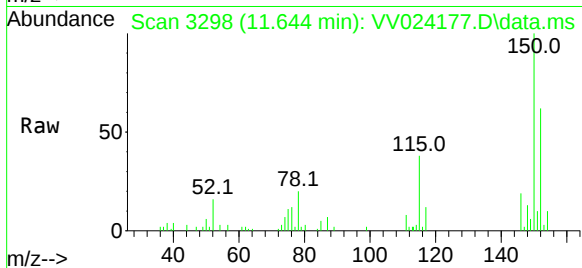
Tgt Ion:146 Resp: 2982

Ion Ratio Lower Upper

146 100

111 44.3 31.9 47.9

148 68.0 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.091 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV024177.D

Acq: 27 Dec 2021 13:00

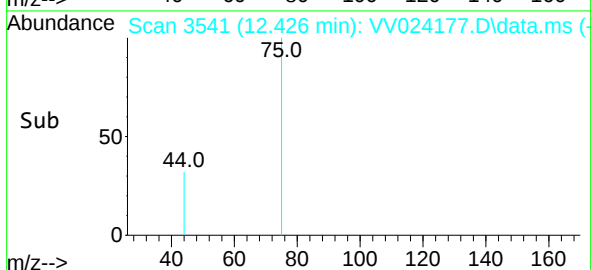
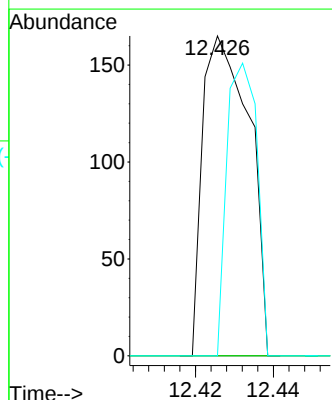
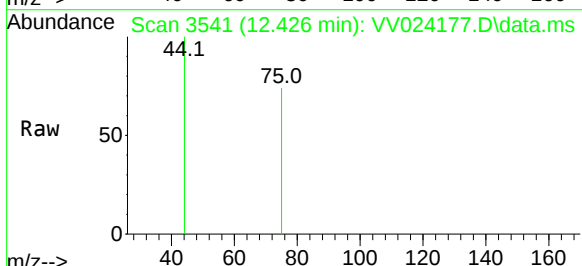
Tgt Ion: 75 Resp: 136

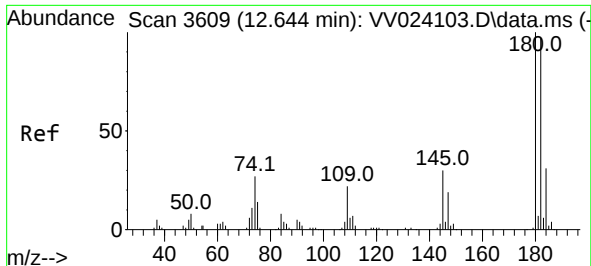
Ion Ratio Lower Upper

75 100

155 0.0 71.7 107.5#

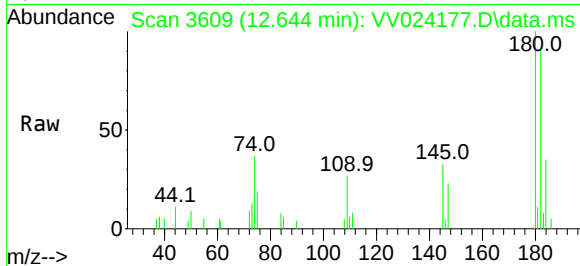
157 0.0 103.3 154.9#



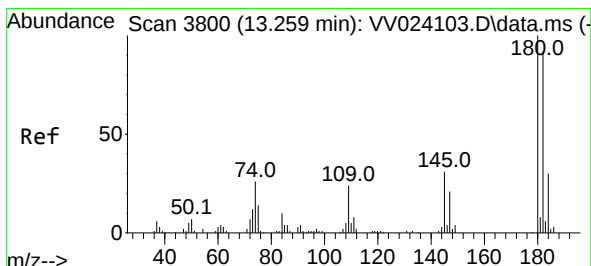
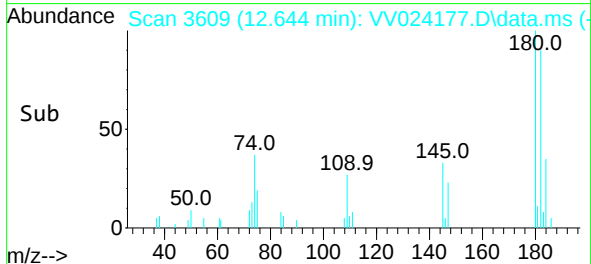
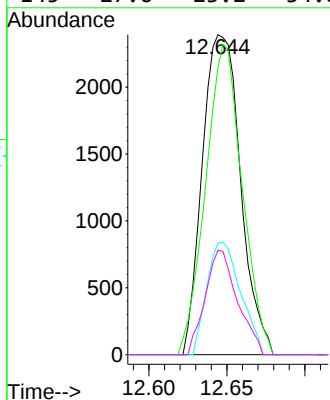


#69
 1,3,5-Trichlorobenzene
 Concen: 0.159 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV024177.D
 Acq: 27 Dec 2021 13:00

Instrument :
 MSVOA_V
 ClientSampleId :

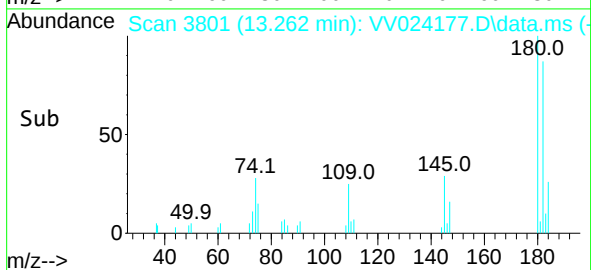
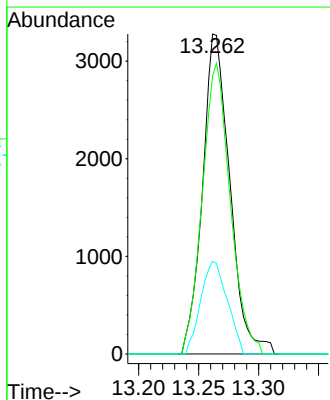
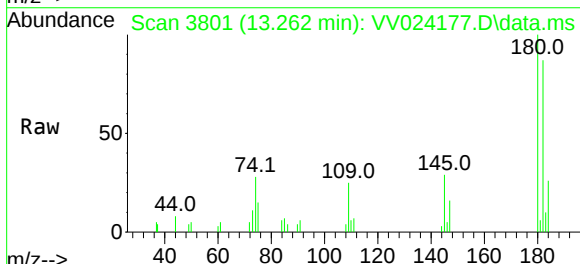


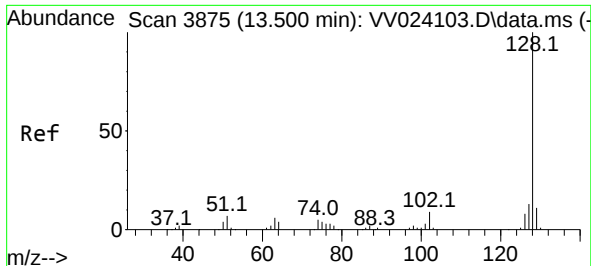
Tgt Ion:180 Resp: 4069
 Ion Ratio Lower Upper
 180 100
 182 92.8 76.4 114.6
 184 31.1 24.2 36.4
 145 27.6 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 0.264 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV024177.D
 Acq: 27 Dec 2021 13:00

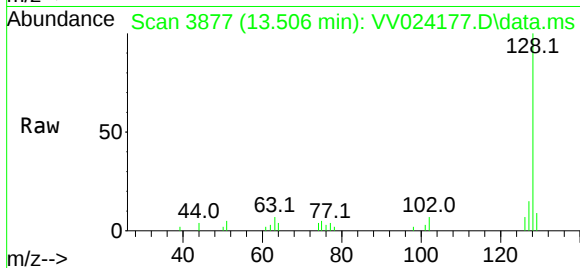
Tgt Ion:180 Resp: 5212
 Ion Ratio Lower Upper
 180 100
 182 92.6 74.4 111.6
 145 28.0 23.3 34.9



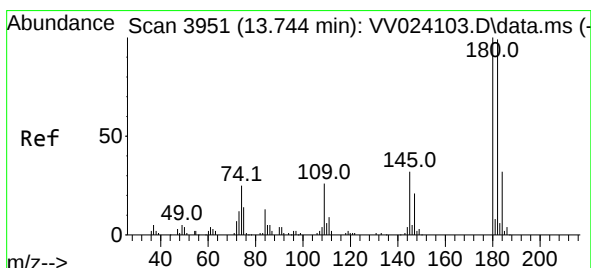
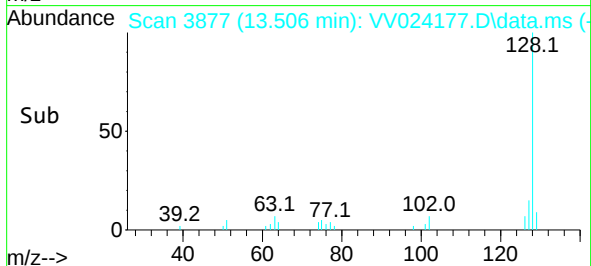
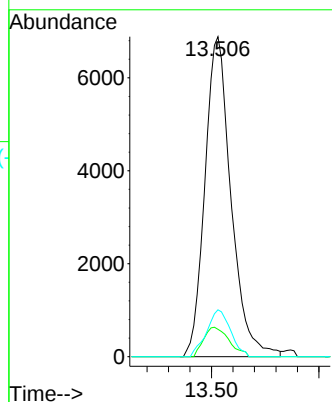


#71
Naphthalene
Concen: 0.397 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV024177.D
Acq: 27 Dec 2021 13:00

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 11625
Ion Ratio Lower Upper
128 100
129 8.9 9.0 13.4#
127 13.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.322 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV024177.D
Acq: 27 Dec 2021 13:00

Tgt Ion:180 Resp: 5579
Ion Ratio Lower Upper
180 100
182 98.2 76.8 115.2
145 33.0 25.8 38.6

