

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121121\
 Data File : VW023933.D
 Acq On : 11 Dec 2021 16:06
 Operator : SY/MD
 Sample : M5005-04DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 00:27:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55174	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	22030	4.236	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.568	69	21254	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.108	63	30330	2.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.800%#
20) 2-Butanone-d5	3.905	46	48428	47.664	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.320%
24) Chloroform-d	4.349	84	58935	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.034	65	29908	5.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.053	84	96915	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.072	67	32309	5.260	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.317	98	75797	4.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.629	79	11628	4.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.092	63	61532	53.939	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26138	5.130	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	39219	5.321	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
6) Bromomethane	1.520	94	247	0.050	ug/L	75
22) cis-1,2-Dichloroethene	3.921	96	544	0.072	ug/L #	41
34) Trichloroethene	5.931	95	1398	0.170	ug/L	89
35) Methylcyclohexane	6.072	83	8140	0.674	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	3956	0.572	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1019	0.099	ug/L #	77
47) Tetrachloroethene	7.979	164	1015	0.141	ug/L #	73
48) 2-Hexanone	8.092	43	6168	2.562	ug/L #	51
49) Dibromochloromethane	7.979	129	1122	0.161	ug/L #	11
51) Chlorobenzene	8.886	112	14205	0.649	ug/L	98
61) 1,2,3-Trichloropropane	11.182	75	13761	3.661	ug/L #	47
64) 1,3-Dichlorobenzene	11.182	146	53752	3.244	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	218261	13.117	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	281111	18.520	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	16817	1.571	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	9144	0.968	ug/L	98

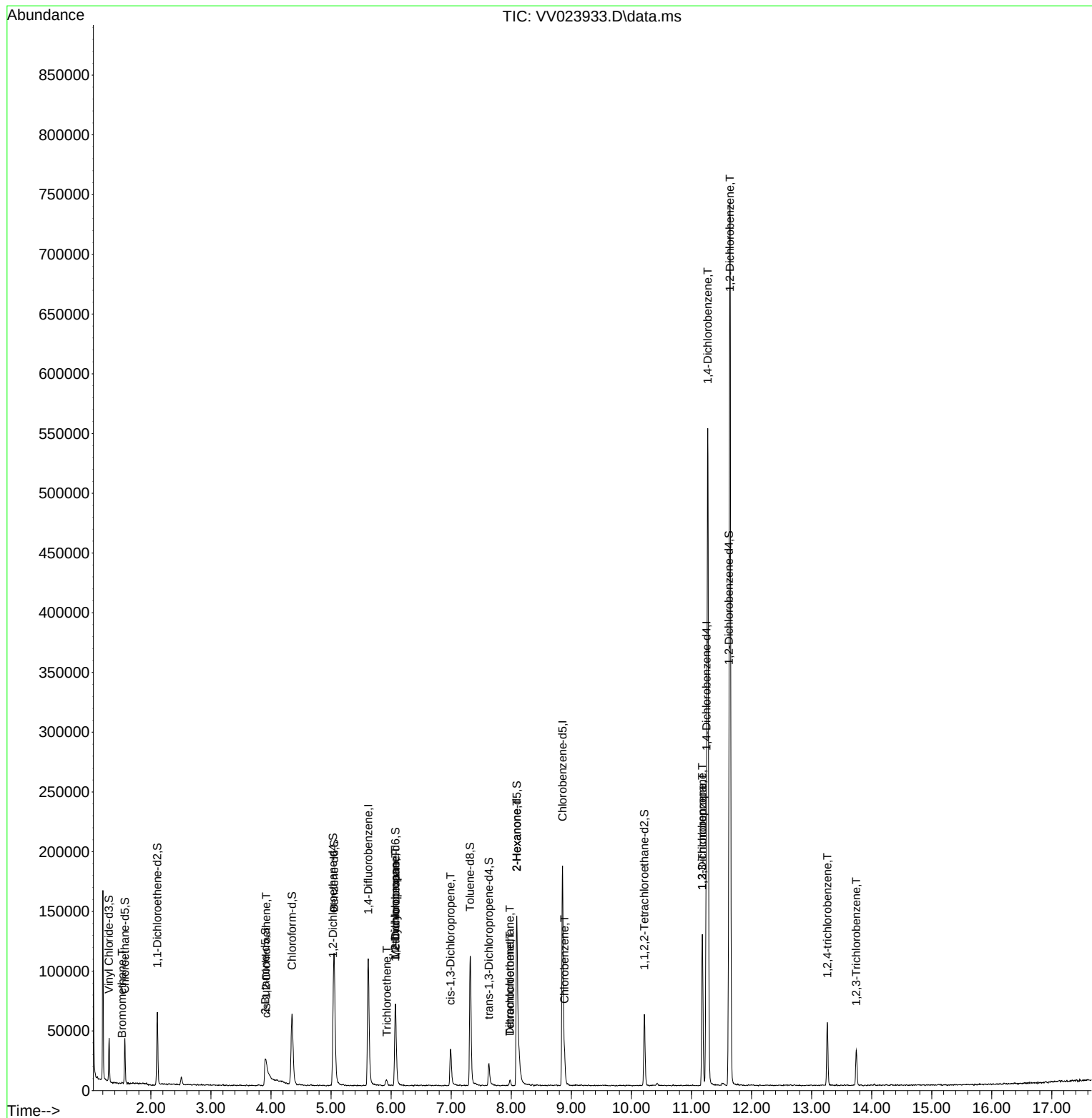
(#) = qualifier out of range (m) = manual integration (+) = signals summed

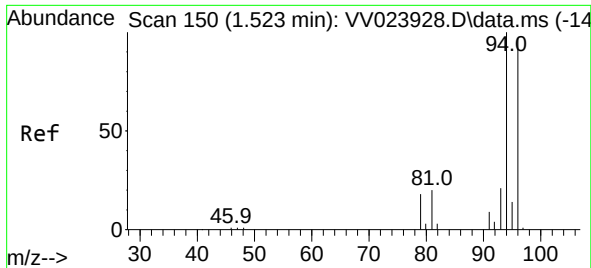
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121121\
Data File : VV023933.D
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Quant Title : TRACE VOA SFAM1.0
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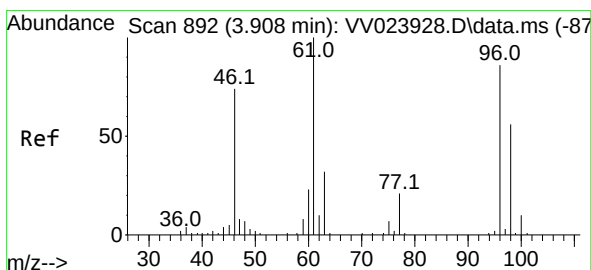
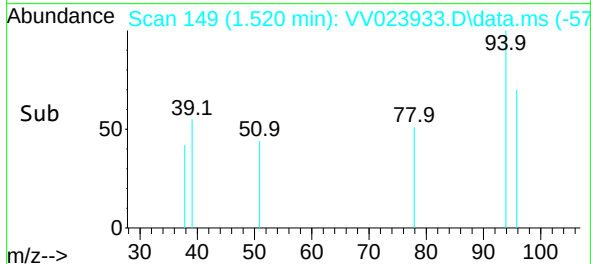
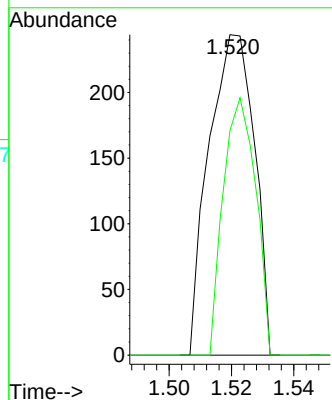
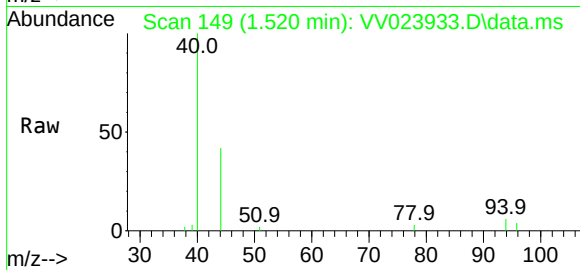




#6
Bromomethane
Concen: 0.050 ug/L
RT: 1.520 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

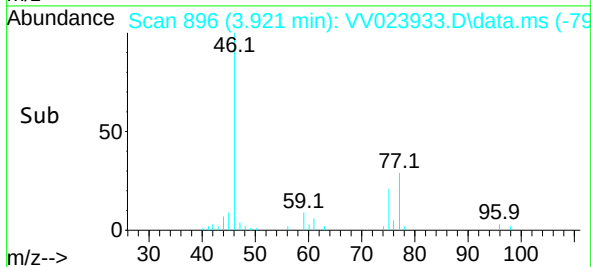
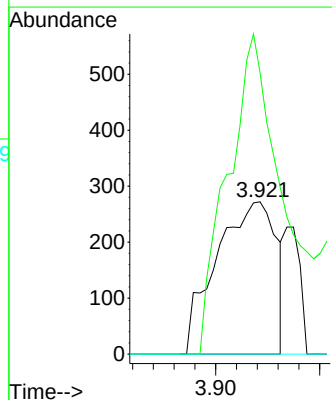
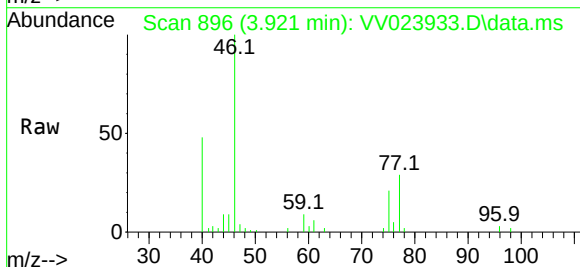
Instrument :
MSVOA_V
ClientSampleId :

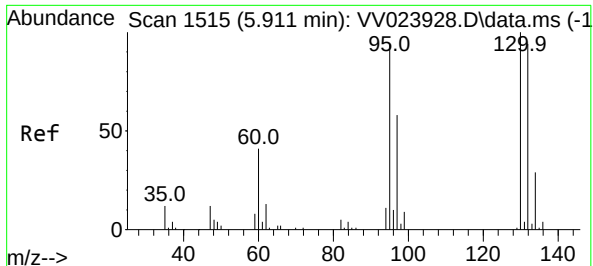
Tgt Ion: 94 Resp: 247
Ion Ratio Lower Upper
94 100
96 70.1 66.2 123.0



#22
cis-1,2-Dichloroethene
Concen: 0.072 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.013 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

Tgt Ion: 96 Resp: 544
Ion Ratio Lower Upper
96 100
61 184.9 83.4 154.8#
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.170 ug/L

RT: 5.931 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV023933.D

Acq: 11 Dec 2021 16:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1398

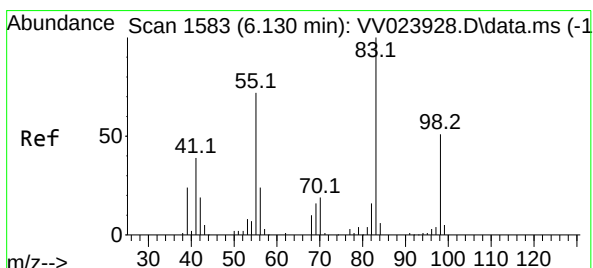
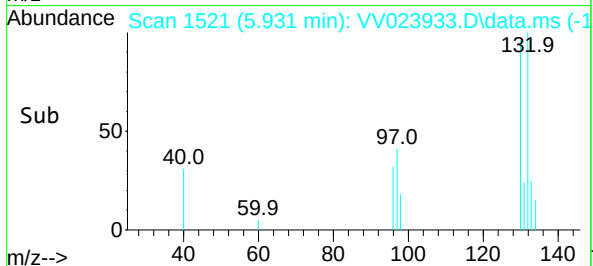
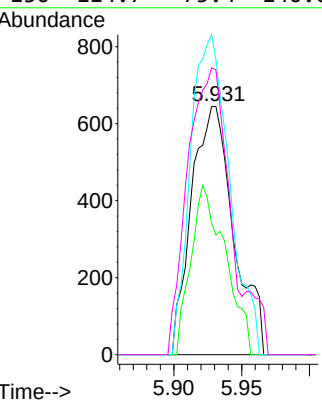
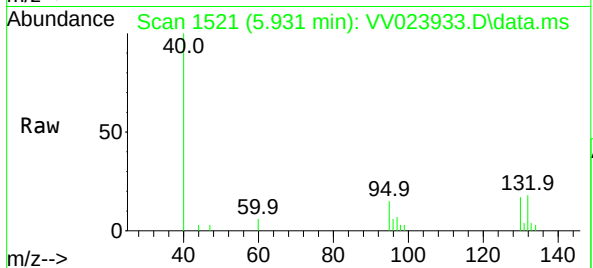
Ion Ratio Lower Upper

95 100

97 48.2 45.2 84.0

132 118.9 76.1 141.3

130 114.7 75.4 140.0



#35

Methylcyclohexane

Concen: 0.674 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023933.D

Acq: 11 Dec 2021 16:06

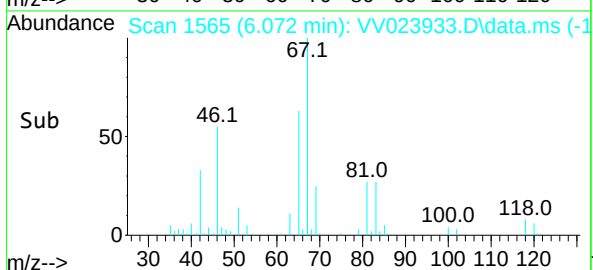
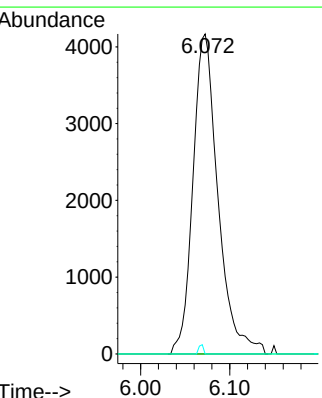
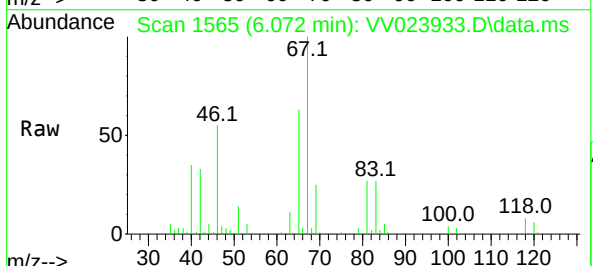
Tgt Ion: 83 Resp: 8140

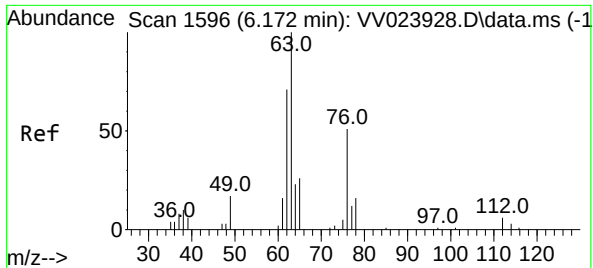
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 0.5 41.0 61.4#

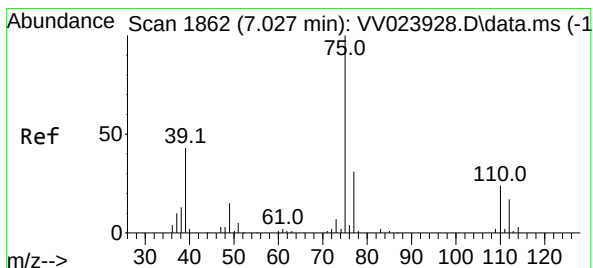
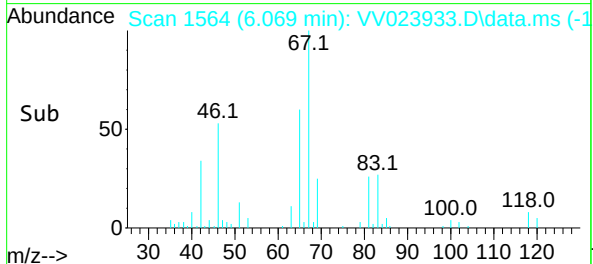
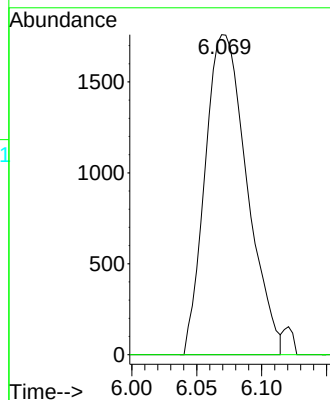
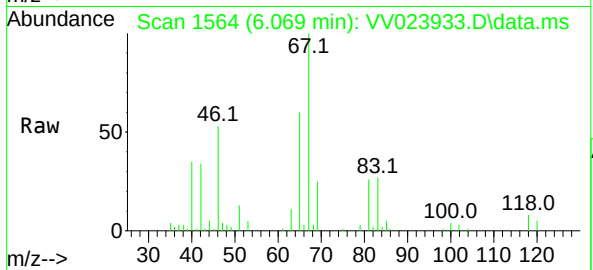




#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.099 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

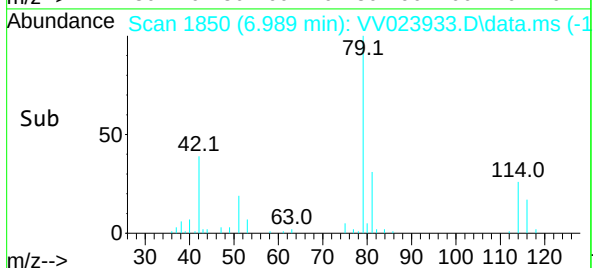
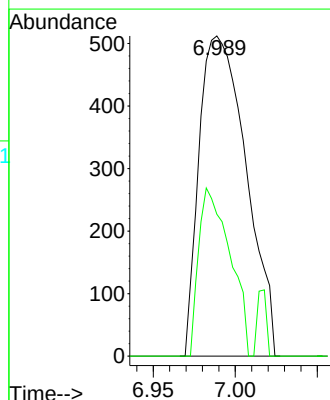
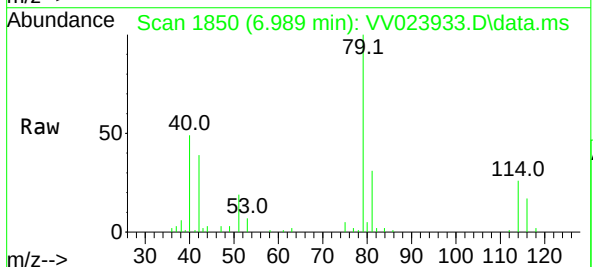
Instrument :
MSVOA_V
ClientSampleId :

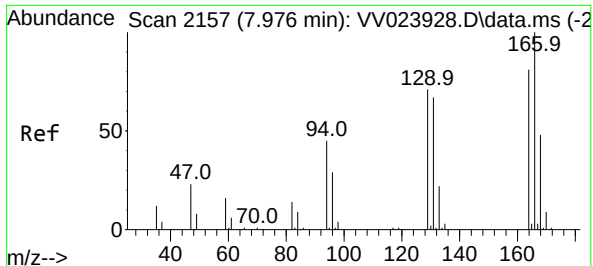
Tgt Ion: 63 Resp: 3956
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#



#39
cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.038 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

Tgt Ion: 75 Resp: 1019
Ion Ratio Lower Upper
75 100
77 44.3 22.0 41.0#





#47

Tetrachloroethene

Concen: 0.141 ug/L

RT: 7.979 min Scan# 2157

Delta R.T. 0.003 min

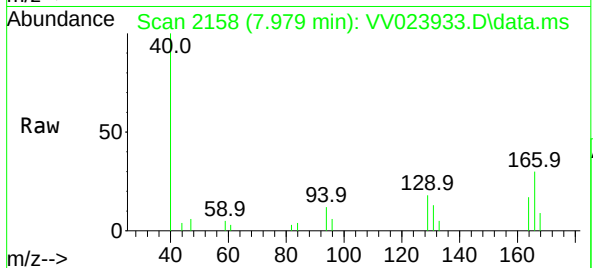
Lab File: VV023933.D

Acq: 11 Dec 2021 16:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1015

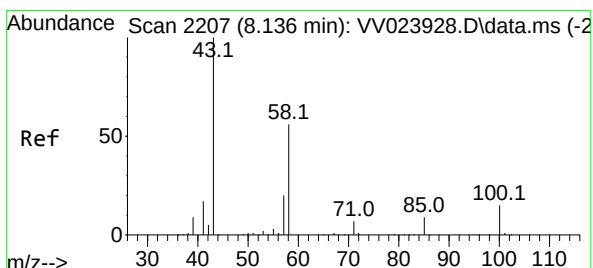
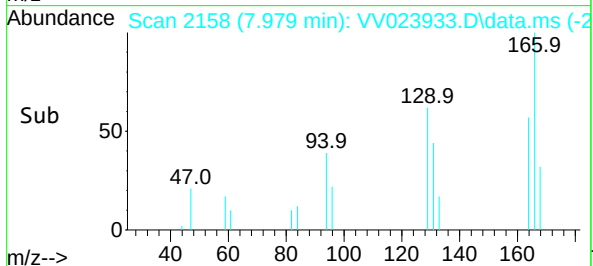
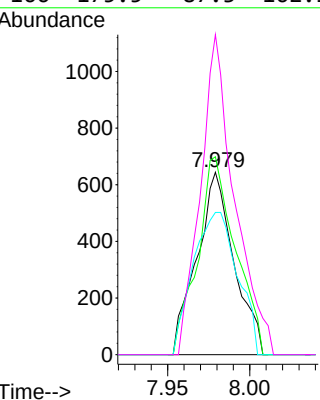
Ion Ratio Lower Upper

164 100

129 108.5 62.6 116.2

131 78.0 61.0 113.4

166 175.5 87.3 162.1#



#48

2-Hexanone

Concen: 2.562 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. -0.048 min

Lab File: VV023933.D

Acq: 11 Dec 2021 16:06

Tgt Ion: 43 Resp: 6168

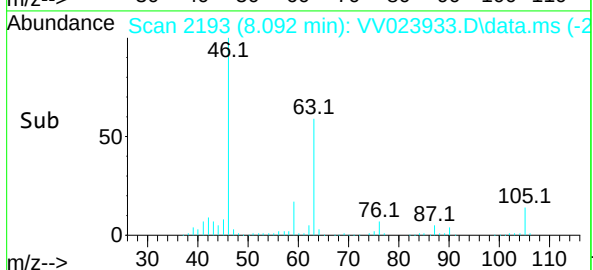
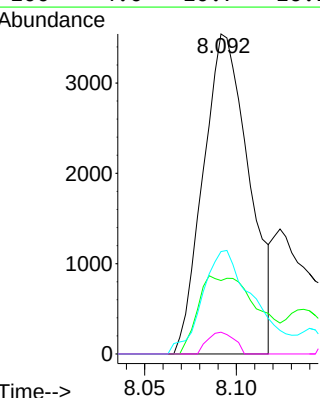
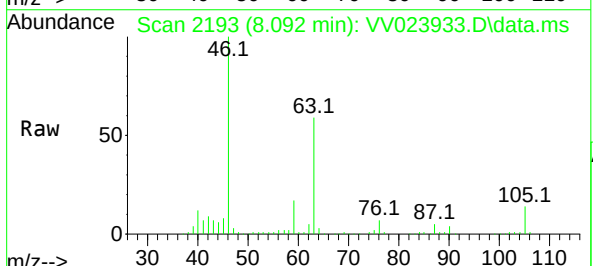
Ion Ratio Lower Upper

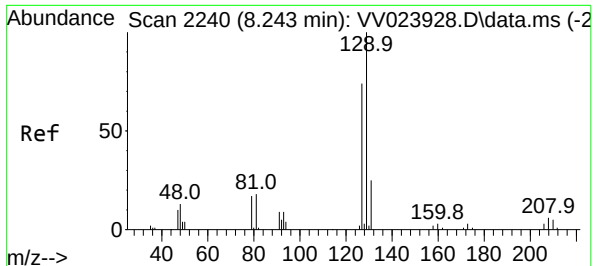
43 100

58 13.0 44.5 66.7#

57 36.4 15.1 22.7#

100 4.0 10.7 16.1#





#49

Dibromochloromethane

Concen: 0.161 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV023933.D

Acq: 11 Dec 2021 16:06

Instrument :

MSVOA_V

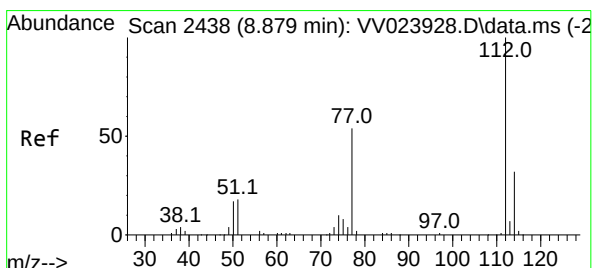
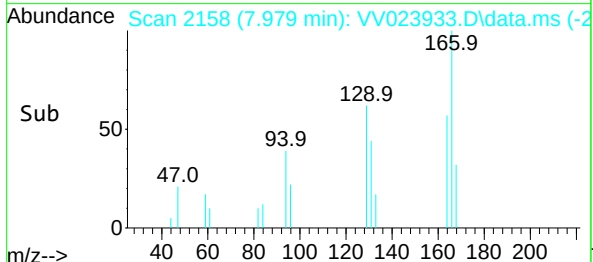
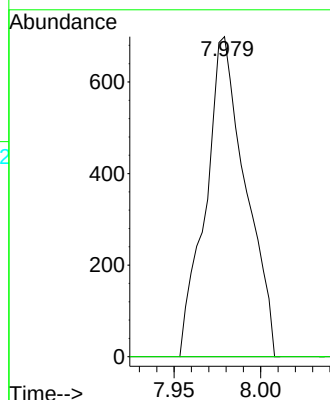
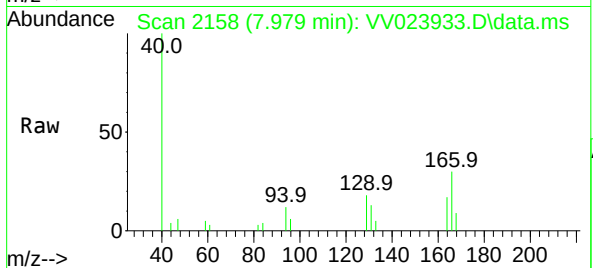
ClientSampleId :

Tgt Ion:129 Resp: 1122

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#51

Chlorobenzene

Concen: 0.649 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.007 min

Lab File: VV023933.D

Acq: 11 Dec 2021 16:06

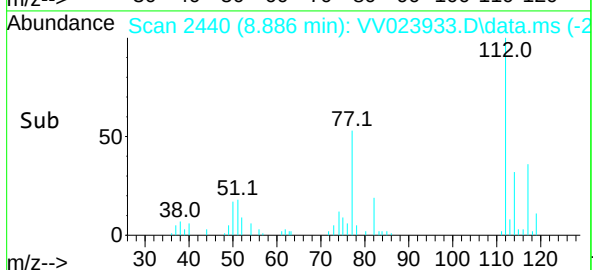
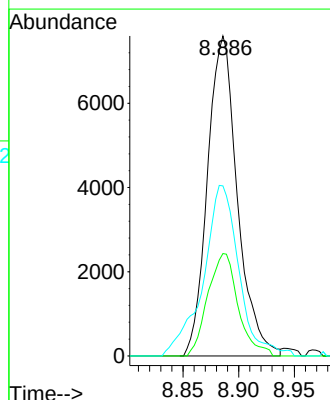
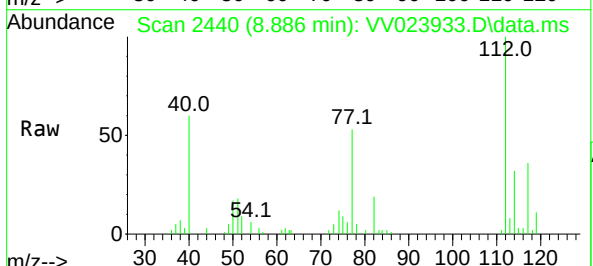
Tgt Ion:112 Resp: 14205

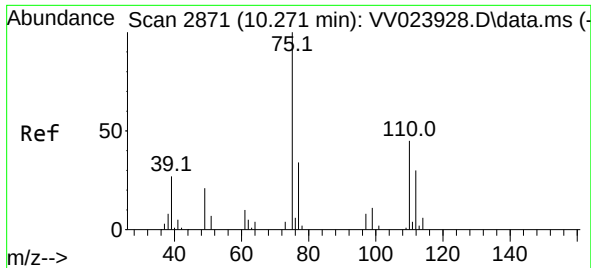
Ion Ratio Lower Upper

112 100

114 32.0 23.3 43.3

77 53.2 43.3 64.9

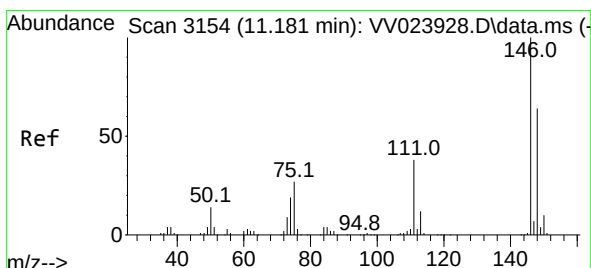
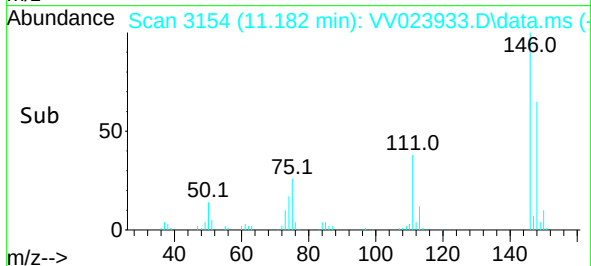
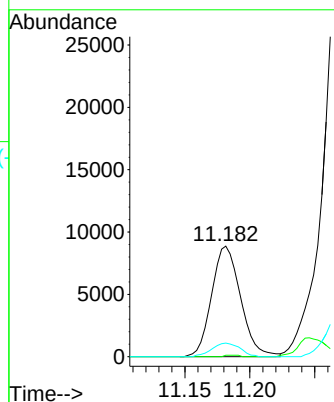
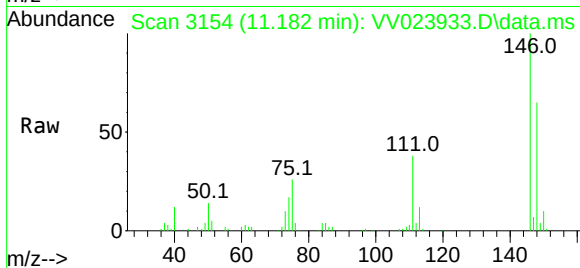




#61
1,2,3-Trichloropropane
Concen: 3.661 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.910 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

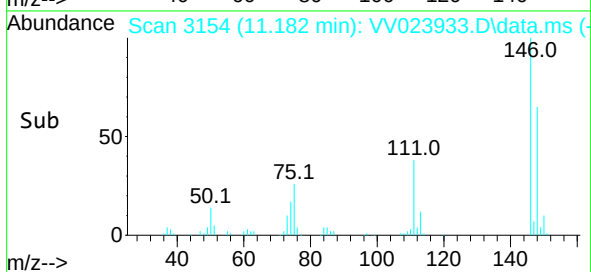
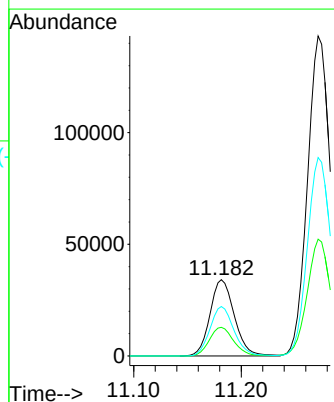
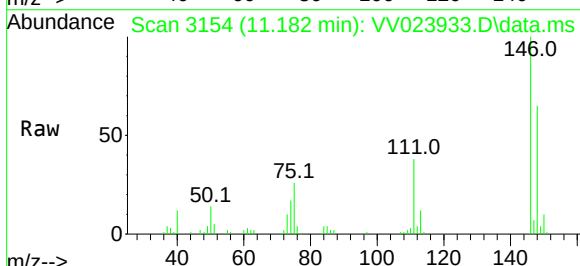
Instrument :
MSVOA_V
ClientSampleId :

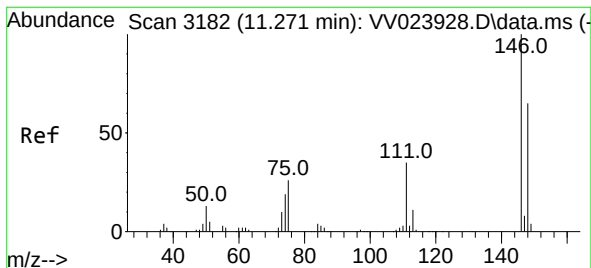
Tgt Ion: 75 Resp: 13761
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
110 12.0 34.2 51.2#



#64
1,3-Dichlorobenzene
Concen: 3.244 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.004 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

Tgt Ion:146 Resp: 53752
Ion Ratio Lower Upper
146 100
111 37.6 26.3 48.9
148 64.8 44.4 82.5





#65

1,4-Dichlorobenzene

Concen: 13.117 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV023933.D

Acq: 11 Dec 2021 16:06

Instrument :

MSVOA_V

ClientSampleId :

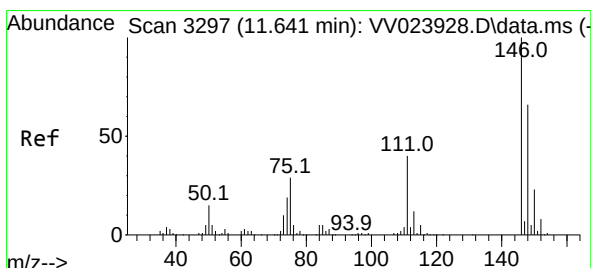
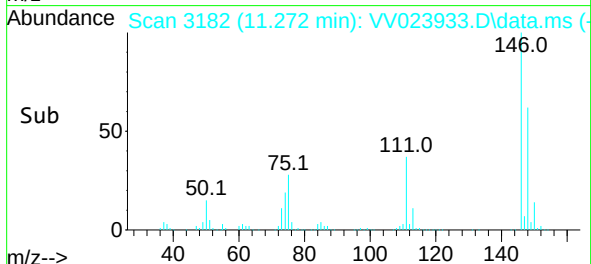
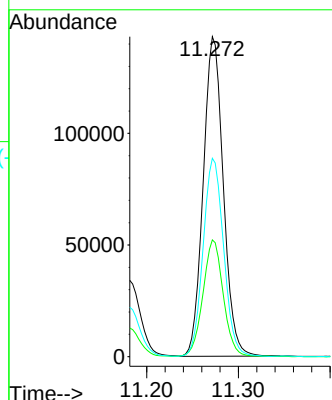
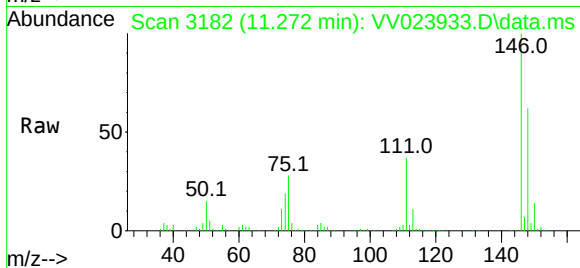
Tgt Ion:146 Resp: 218261

Ion Ratio Lower Upper

146 100

111 36.5 25.6 47.6

148 62.0 44.8 83.2



#67

1,2-Dichlorobenzene

Concen: 18.520 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV023933.D

Acq: 11 Dec 2021 16:06

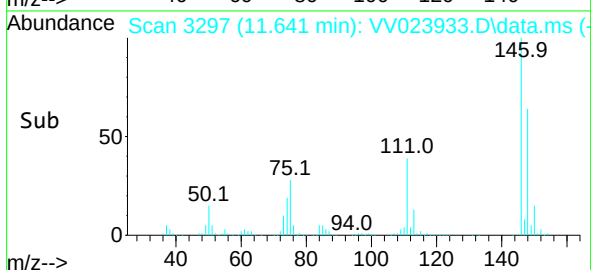
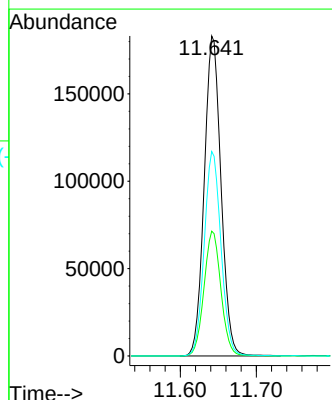
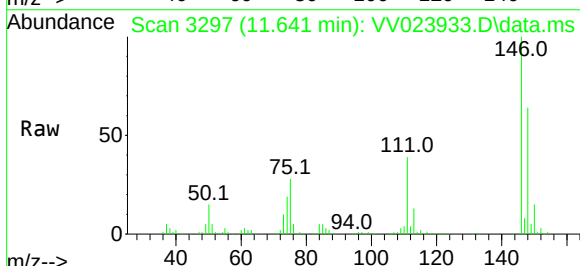
Tgt Ion:146 Resp: 281111

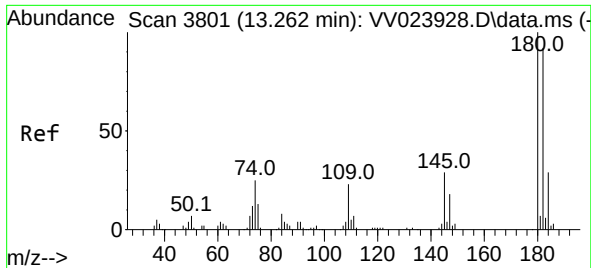
Ion Ratio Lower Upper

146 100

111 39.0 31.9 47.9

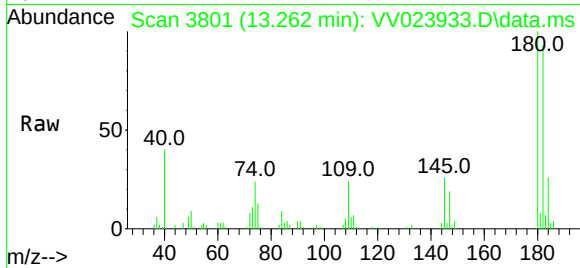
148 63.9 50.5 75.7



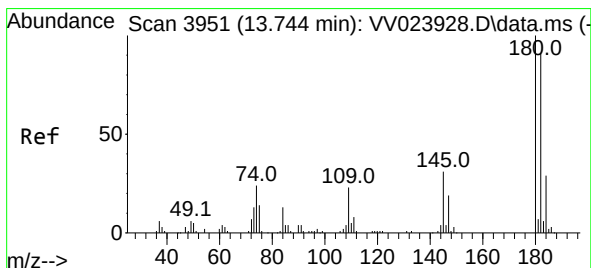
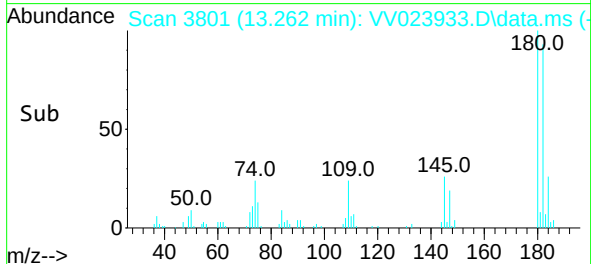
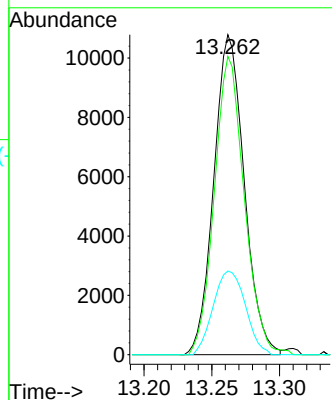


#70
1,2,4-trichlorobenzene
Concen: 1.571 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 16817
Ion Ratio Lower Upper
180 100
182 91.8 74.4 111.6
145 27.8 23.3 34.9



#72
1,2,3-Trichlorobenzene
Concen: 0.968 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

Tgt Ion:180 Resp: 9144
Ion Ratio Lower Upper
180 100
182 97.2 76.8 115.2
145 29.8 25.8 38.6

