

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101321\
 Data File : VW022768.D
 Acq On : 13 Oct 2021 17:50
 Operator : SY/MD
 Sample : M4109-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 02:15:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 14 02:12:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110975	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	51883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34729	4.549	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.000%	
7) Chloroethane-d5	1.565	69	36500	5.320	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.400%	
11) 1,1-Dichloroethene-d2	2.108	63	55662	3.716	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.400%	
20) 2-Butanone-d5	3.889	46	89351	44.631	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.260%	
24) Chloroform-d	4.352	84	81076	5.153	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
26) 1,2-Dichloroethane-d4	5.034	65	37986	4.974	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
32) Benzene-d6	5.053	84	154155	4.625	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	6.072	67	49758	5.040	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.800%	
41) Toluene-d8	7.317	98	128035	4.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	7.625	79	14904	4.551	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.088	63	71037	53.828	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.660%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	35003	5.234	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	55486	5.768	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	409	0.050	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-...	2.102	101	733	0.102	ug/L #	19
12) 1,1-Dichloroethene	2.118	96	2099	0.313	ug/L #	1
13) Acetone	2.182	43	19655	17.606	ug/L #	39
15) Methyl Acetate	2.182	43	18456	5.778	ug/L #	50
27) 1,2-Dichloroethane	5.047	62	822	0.108	ug/L #	69
30) Cyclohexane	4.677	56	3183	0.270	ug/L	94
34) Trichloroethene	5.915	95	58457	7.128	ug/L	99
35) Methylcyclohexane	6.069	83	12365	1.076	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5378	0.741	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1198	0.125	ug/L #	30
42) Toluene	7.404	91	2188	0.071	ug/L	98
47) Tetrachloroethene	7.979	164	13210	1.992	ug/L	98
48) 2-Hexanone	8.088	43	8055	2.827	ug/L #	64
49) Dibromochloromethane	7.979	129	11108	1.763	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5793	1.607	ug/L #	62

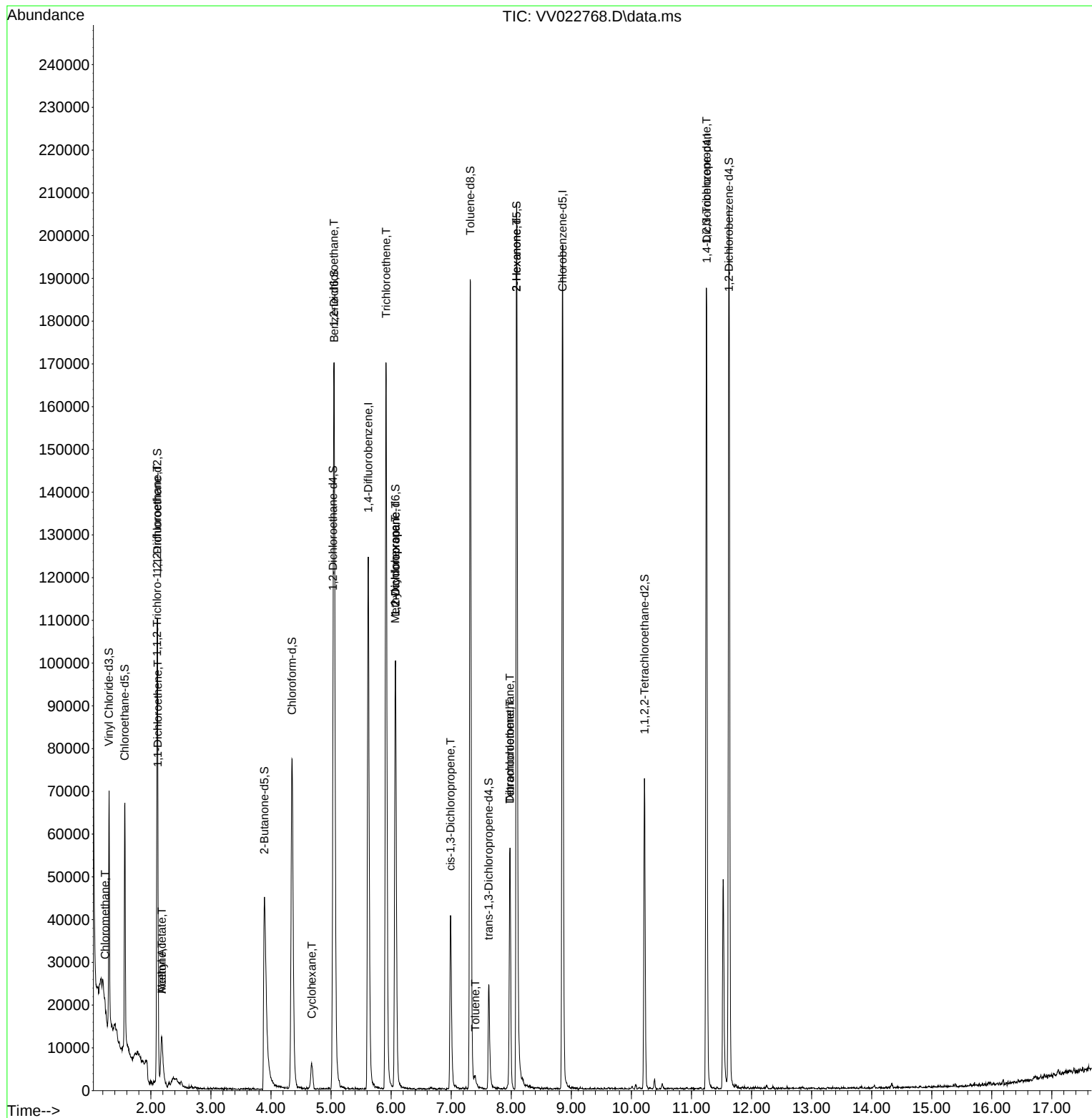
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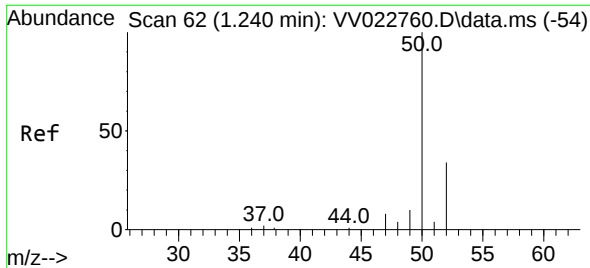
Instrument :
MSVOA_V
ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

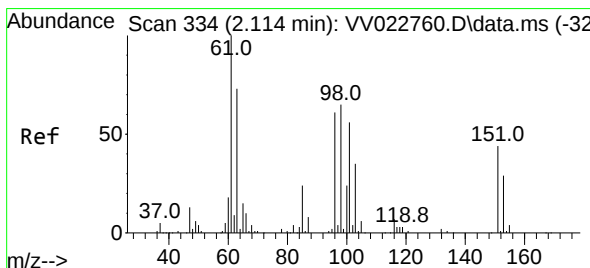
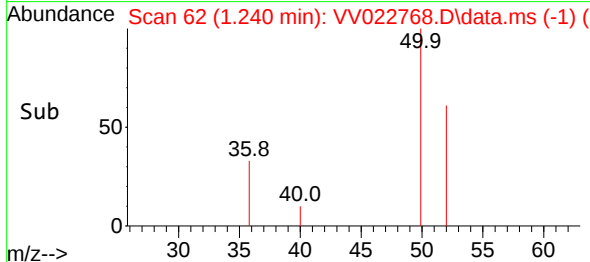
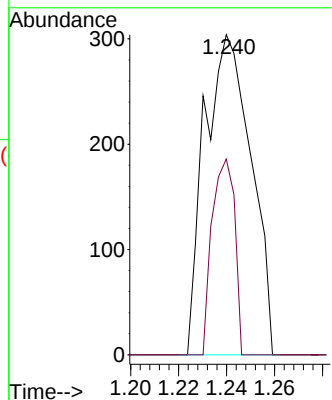
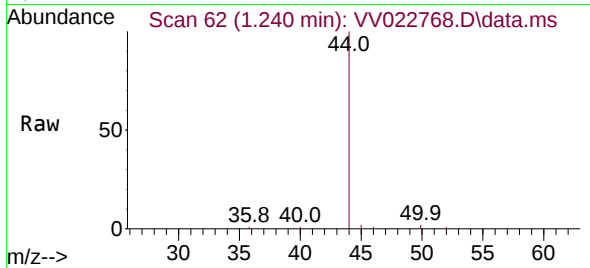




#3
Chloromethane
Concen: 0.050 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022768.D
Acq: 13 Oct 2021 17:50

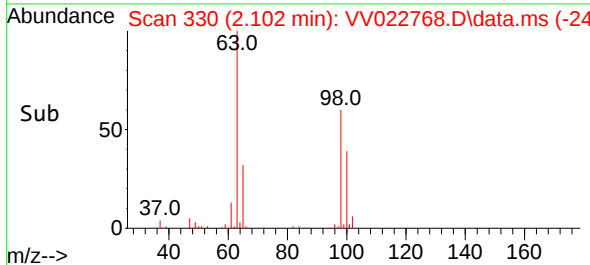
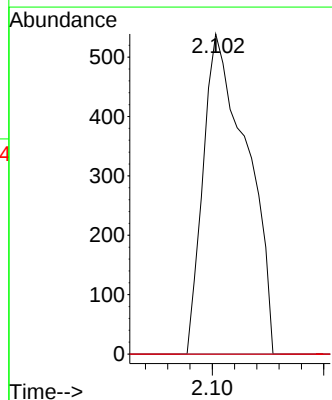
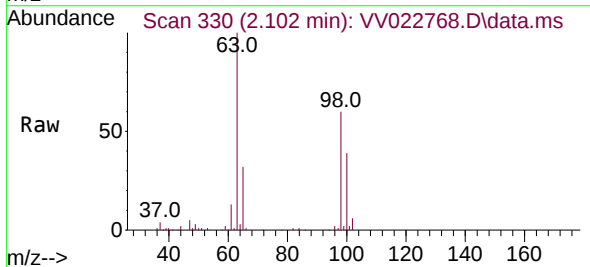
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MSVOA_V
ClientSampled :

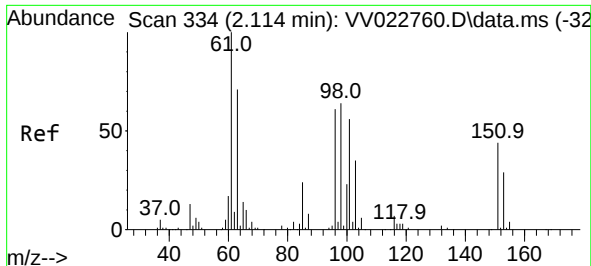
Tgt Ion: 50 Resp: 409
Ion Ratio Lower Upper
50 100
52 61.2 22.9 42.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.102 ug/L
RT: 2.102 min Scan# 330
Delta R.T. -0.013 min
Lab File: VV022768.D
Acq: 13 Oct 2021 17:50

Tgt Ion: 101 Resp: 733
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 60.9 91.3#





#12

1,1-Dichloroethene

Concen: 0.313 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

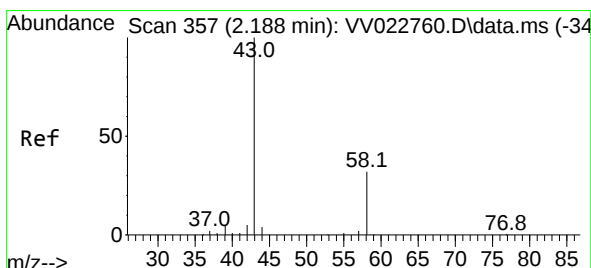
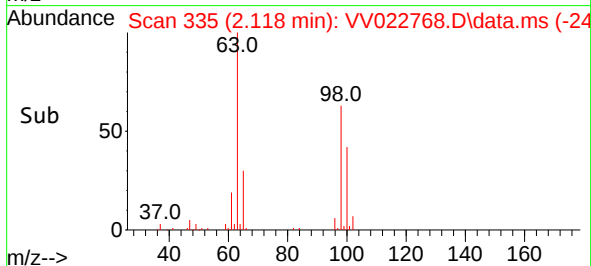
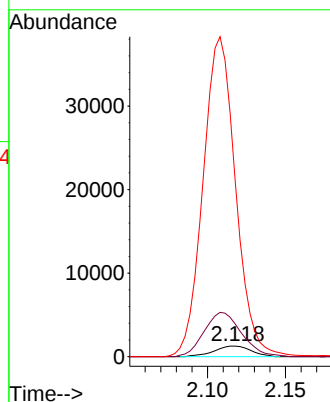
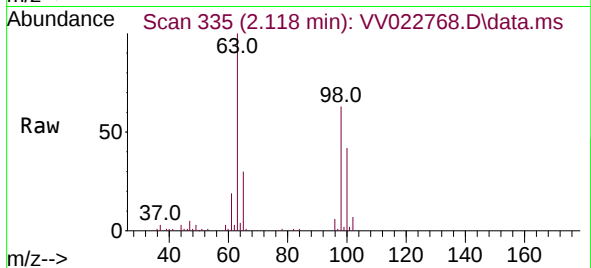
Lab File: VV022768.D

Acq: 13 Oct 2021 17:50

Tgt Ion: 96 Resp: 2099

Ion	Ratio	Lower	Upper
96	100		
61	308.2	127.3	236.5#
63	1664.1	106.2	197.2#

Instrument :
MSVOA_V
ClientSampled :



#13

Acetone

Concen: 17.606 ug/L

RT: 2.182 min Scan# 355

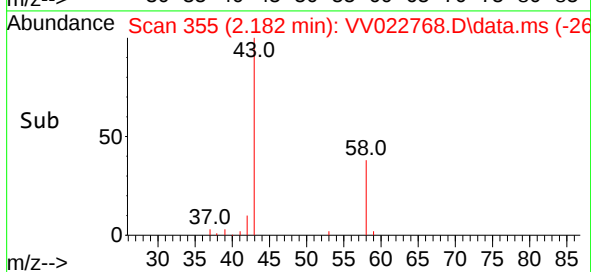
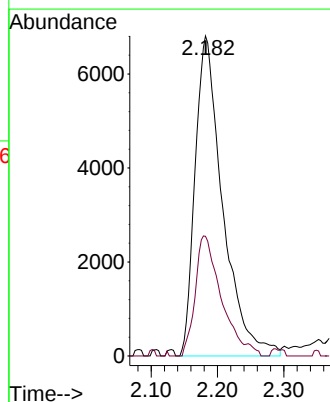
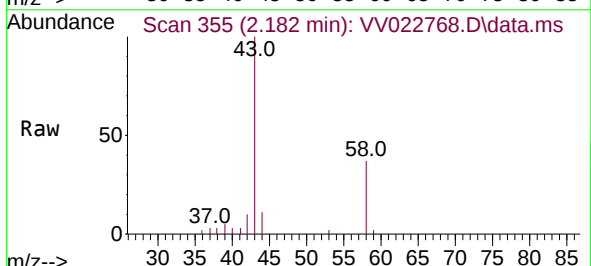
Delta R.T. -0.006 min

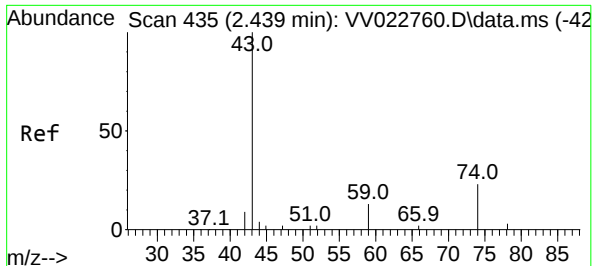
Lab File: VV022768.D

Acq: 13 Oct 2021 17:50

Tgt Ion: 43 Resp: 19655

Ion	Ratio	Lower	Upper
43	100		
58	35.8	0.0	24.2#

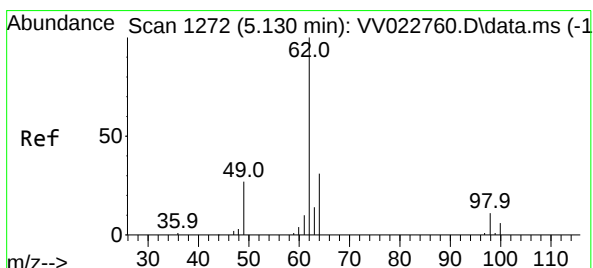
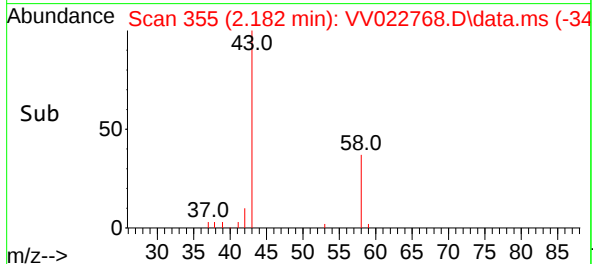
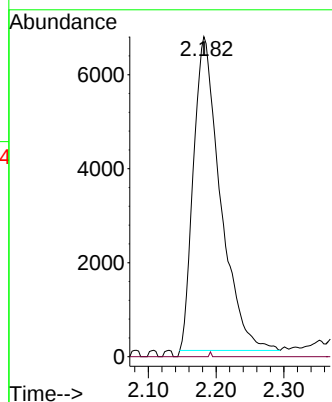
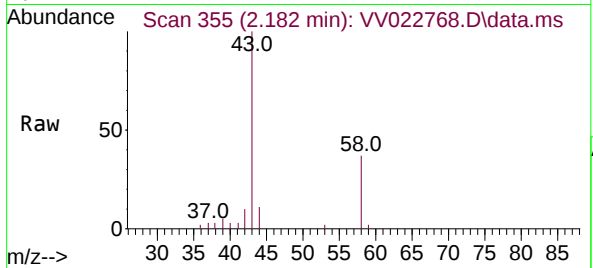




#15
Methyl Acetate
Concen: 5.778 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.257 min
Lab File: VV022768.D
Acq: 13 Oct 2021 17:50

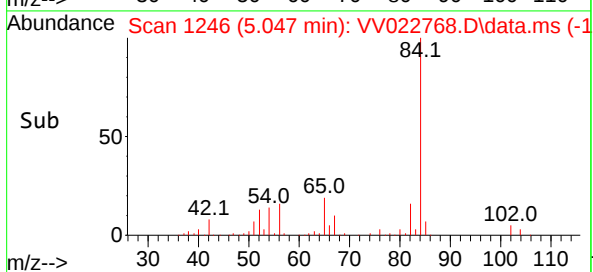
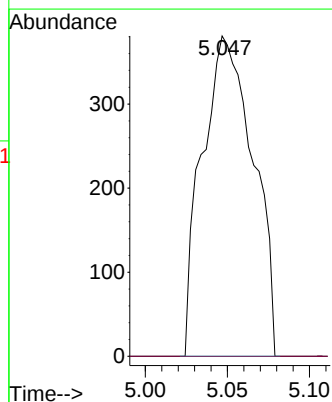
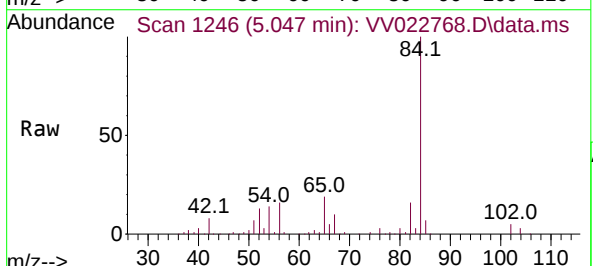
Instrument :
MSVOA_V
ClientSampled :

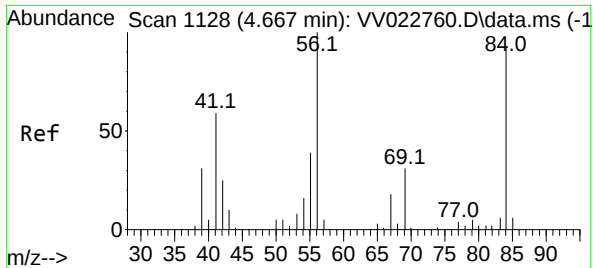
Tgt Ion: 43 Resp: 18456
Ion Ratio Lower Upper
43 100
74 0.1 19.9 29.9#



#27
1,2-Dichloroethane
Concen: 0.108 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.084 min
Lab File: VV022768.D
Acq: 13 Oct 2021 17:50

Tgt Ion: 62 Resp: 822
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

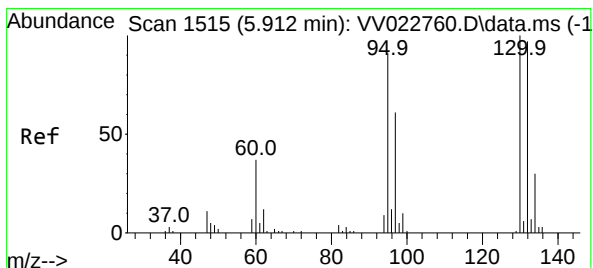
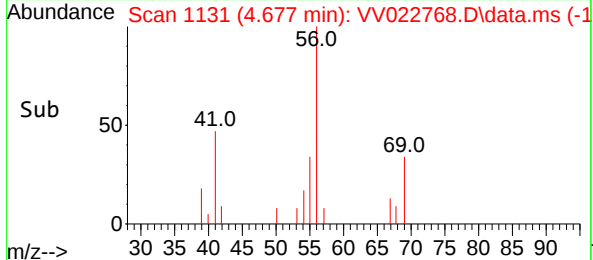
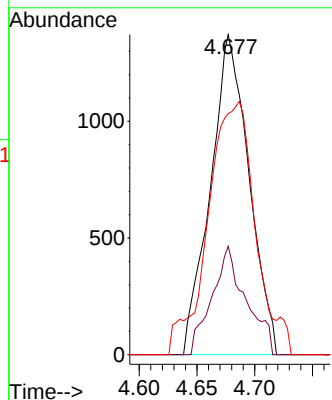
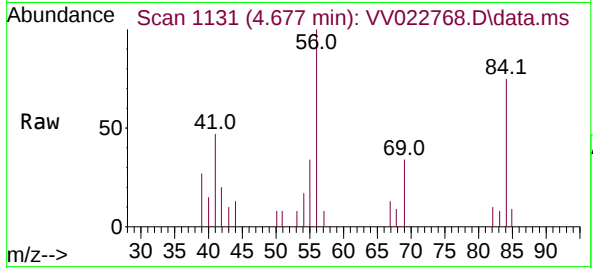




#30
Cyclohexane
Concen: 0.270 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.010 min
Lab File: VV022768.D
Acq: 13 Oct 2021 17:50

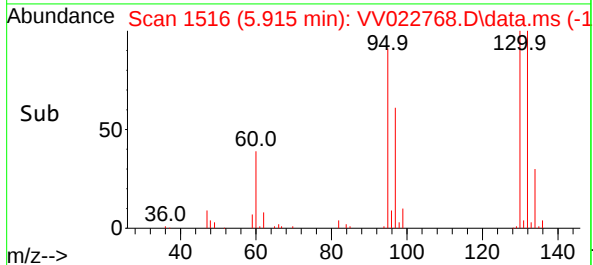
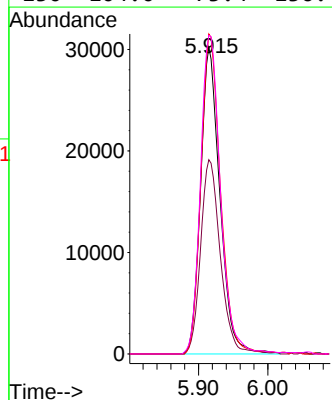
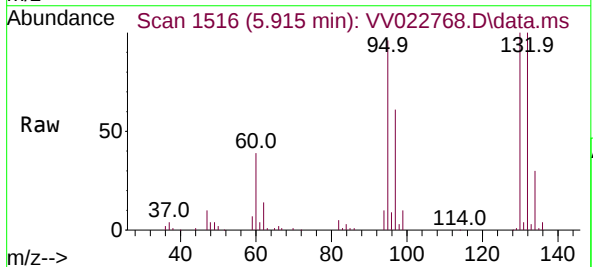
Instrument :
MSVOA_V
ClientSampled :

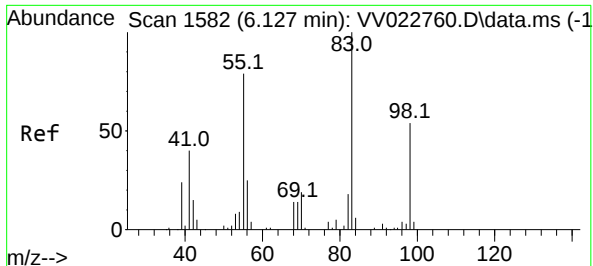
Tgt Ion: 56 Resp: 3183
Ion Ratio Lower Upper
56 100
69 30.0 24.9 37.3
84 97.0 72.5 108.7



#34
Trichloroethene
Concen: 7.128 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022768.D
Acq: 13 Oct 2021 17:50

Tgt Ion: 95 Resp: 58457
Ion Ratio Lower Upper
95 100
97 63.4 45.8 85.2
132 104.4 72.2 134.0
130 104.0 73.4 136.4

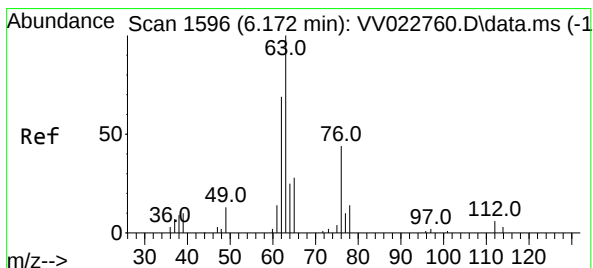
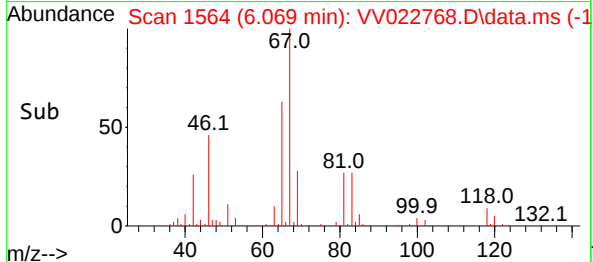
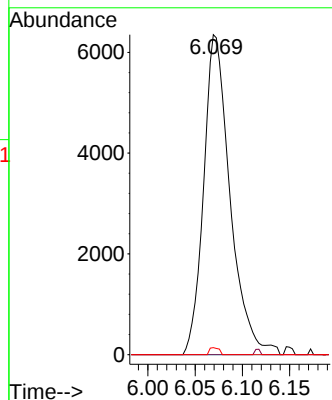
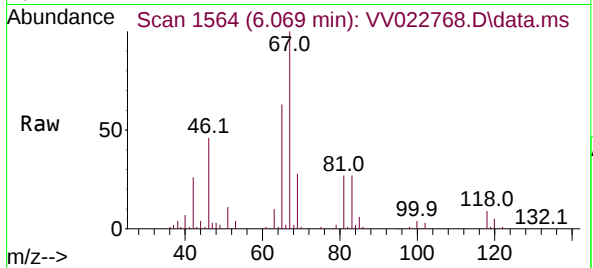




#35
Methylcyclohexane
Concen: 1.076 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV022768.D
Acq: 13 Oct 2021 17:50

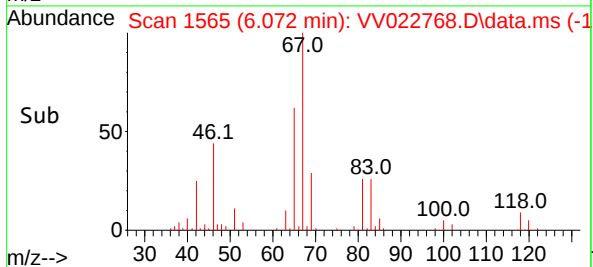
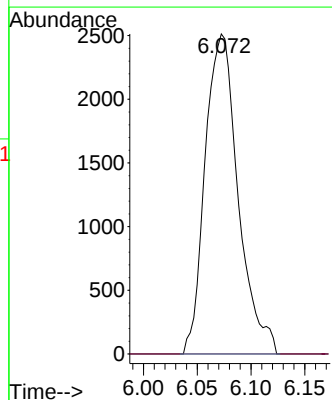
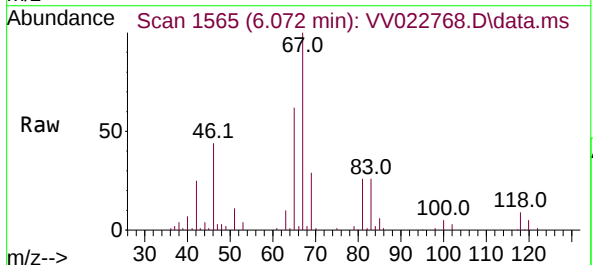
Instrument :
MSVOA_V
ClientSampled :

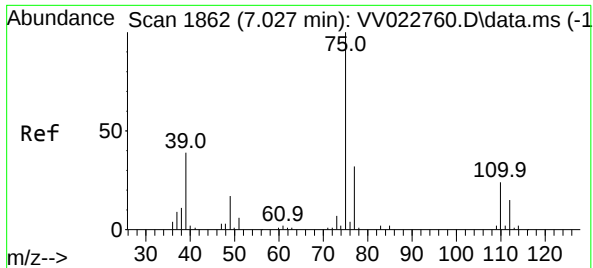
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.8	95.6#
98	0.8	42.1	63.1#



#37
1,2-Dichloropropane
Concen: 0.741 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022768.D
Acq: 13 Oct 2021 17:50

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

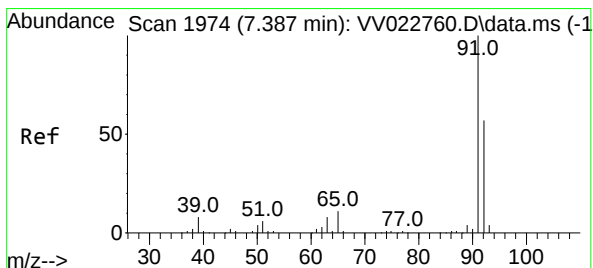
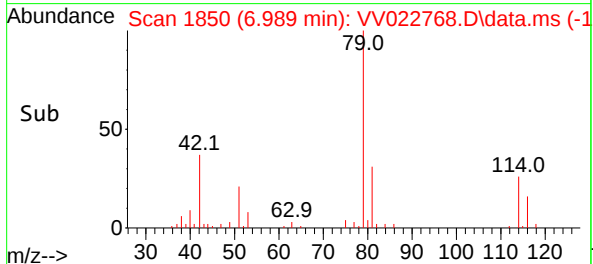
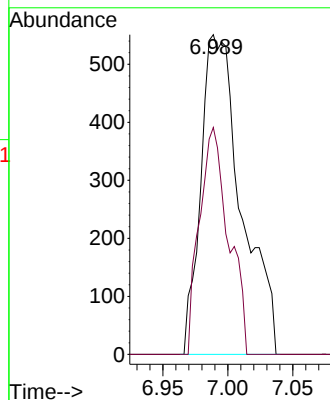
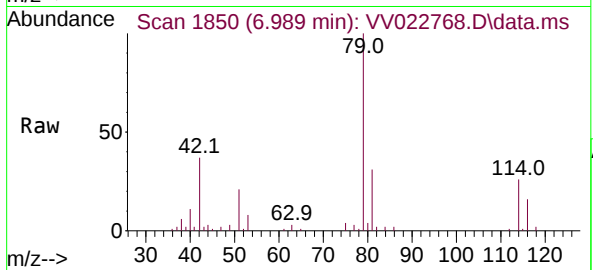




#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 6.989 min Scan# 1850
 Delta R.T. -0.039 min
 Lab File: VV022768.D
 Acq: 13 Oct 2021 17:50

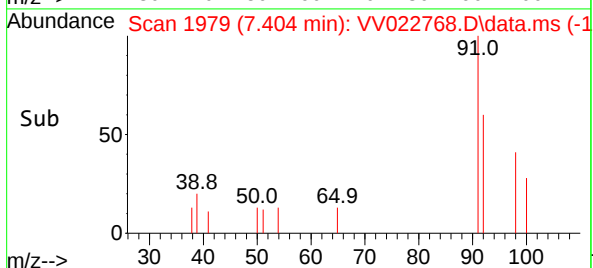
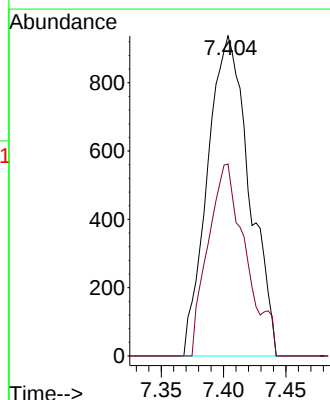
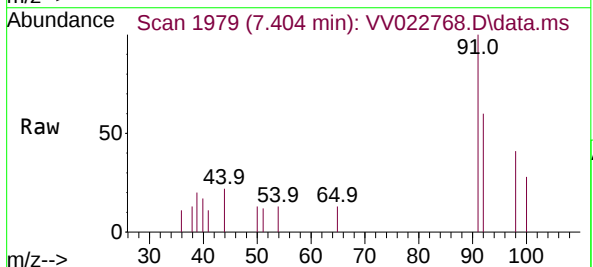
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 MSVOA_V
 ClientSampled :

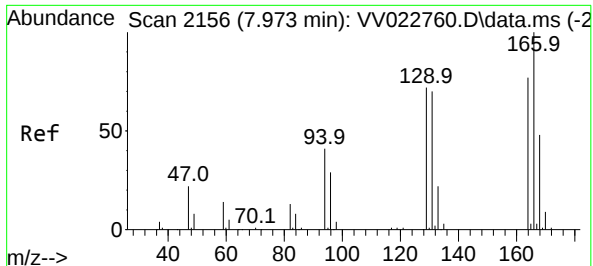
Tgt Ion: 75 Resp: 1198
 Ion Ratio Lower Upper
 75 100
 77 71.0 22.3 41.3#



#42
 Toluene
 Concen: 0.071 ug/L
 RT: 7.404 min Scan# 1979
 Delta R.T. 0.016 min
 Lab File: VV022768.D
 Acq: 13 Oct 2021 17:50

Tgt Ion: 91 Resp: 2188
 Ion Ratio Lower Upper
 91 100
 92 60.0 40.7 75.7





#47

Tetrachloroethene

Concen: 1.992 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV022768.D

Acq: 13 Oct 2021 17:50

Tgt Ion:164 Resp: 13210

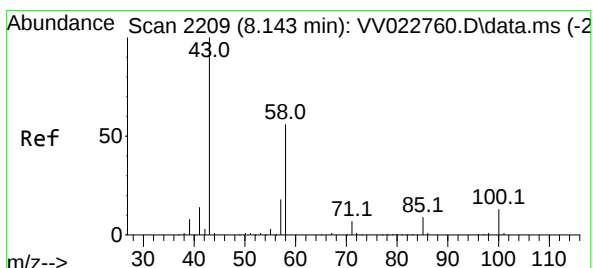
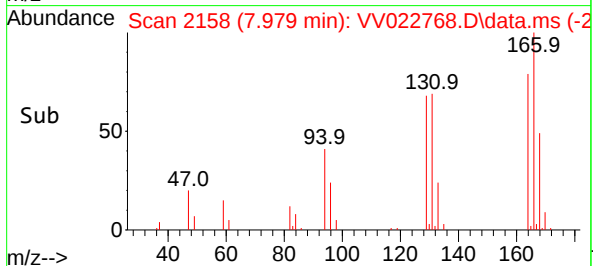
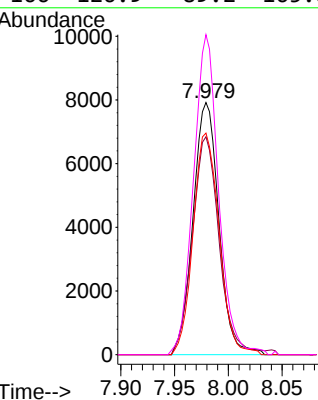
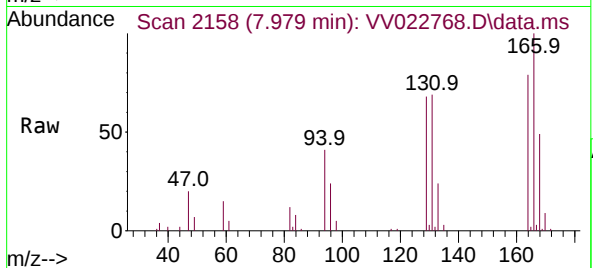
Ion Ratio Lower Upper

164 100

129 86.4 65.0 120.6

131 87.9 62.2 115.4

166 126.9 89.2 165.8



#48

2-Hexanone

Concen: 2.827 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. -0.055 min

Lab File: VV022768.D

Acq: 13 Oct 2021 17:50

Tgt Ion: 43 Resp: 8055

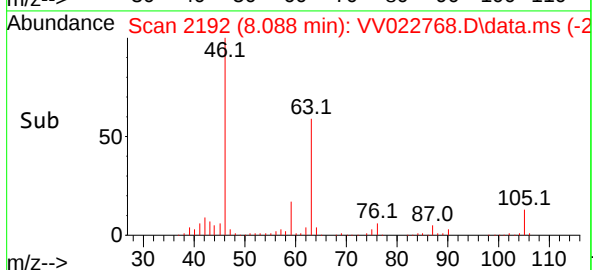
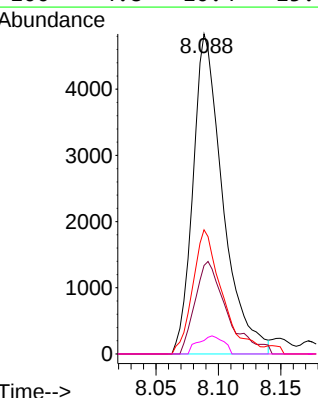
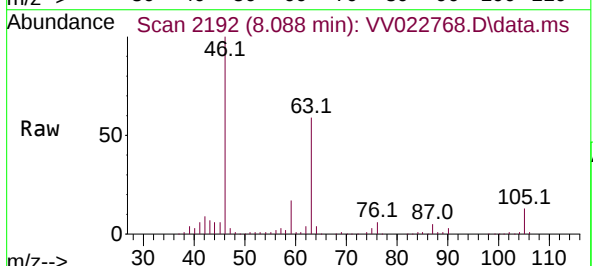
Ion Ratio Lower Upper

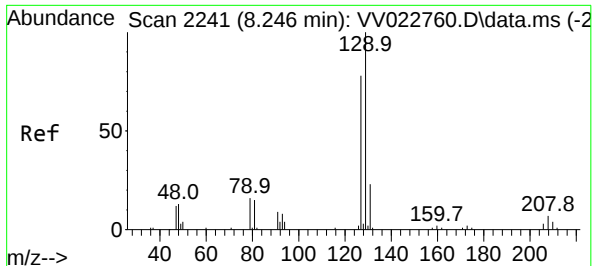
43 100

58 30.8 47.4 71.0#

57 38.5 15.3 22.9#

100 4.8 10.4 15.6#





#49

Dibromochloromethane

Concen: 1.763 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV022768.D

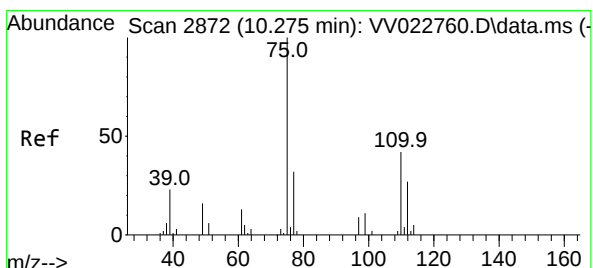
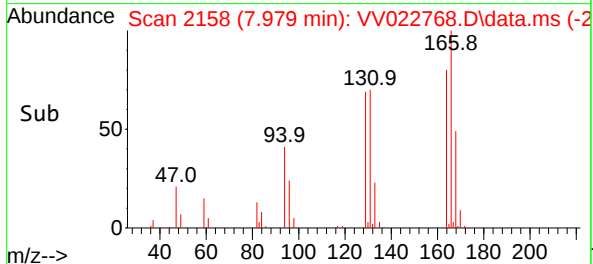
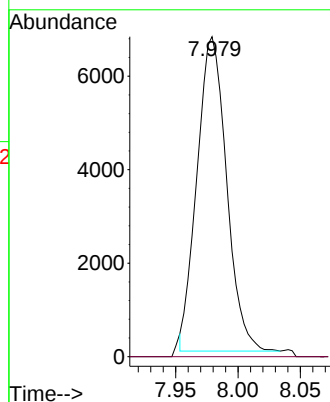
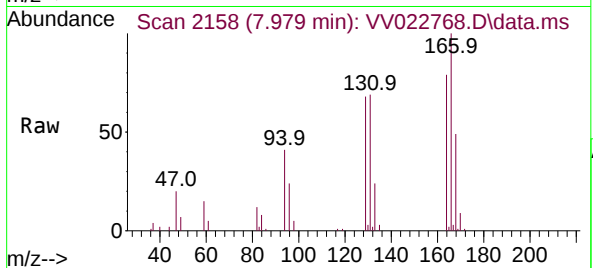
Acq: 13 Oct 2021 17:50

Tgt Ion:129 Resp: 11108

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.607 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022768.D

Acq: 13 Oct 2021 17:50

Tgt Ion: 75 Resp: 5793

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2

110 1.6 34.2 51.4#

