

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022677.D
 Acq On : 07 Oct 2021 21:05
 Operator : SY/MD
 Sample : M4052-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 04:04:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	106447	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	109758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	47567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36936	5.043	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%
7) Chloroethane-d5	1.564	69	35776	5.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.105	63	57044	3.971	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.905	46	76658	39.920	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.840%
24) Chloroform-d	4.349	84	54562	3.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
26) 1,2-Dichloroethane-d4	5.034	65	36510	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.050	84	143878	4.403	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.072	67	45413	4.693	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.317	98	122186	4.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.625	79	13813	4.303	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.091	63	59443	45.952	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.900%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	30686	4.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	48661	5.518	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds			Qvalue			
12) 1,1-Dichloroethene	2.114	96	3416	0.531	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	504	0.072	ug/L	93
19) 1,1-Dichloroethane	3.195	63	2006	0.159	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	15495	2.110	ug/L	82
25) Chloroform	4.378	83	26135	1.790	ug/L	94
27) 1,2-Dichloroethane	5.056	62	897	0.123	ug/L #	69
31) Carbon tetrachloride	4.825	117	1363	0.125	ug/L #	1
34) Trichloroethene	5.915	95	124747	15.519	ug/L	98
35) Methylcyclohexane	6.072	83	11627	1.032	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	5077	0.714	ug/L #	84
39) cis-1,3-Dichloropropene	6.982	75	974	0.103	ug/L #	50
42) Toluene	7.400	91	2581	0.086	ug/L	97
47) Tetrachloroethene	7.979	164	5584	0.859	ug/L	94
48) 2-Hexanone	8.149	43	9648	3.454	ug/L #	84
49) Dibromochloromethane	7.979	129	4682	0.758	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5525	1.672	ug/L #	62

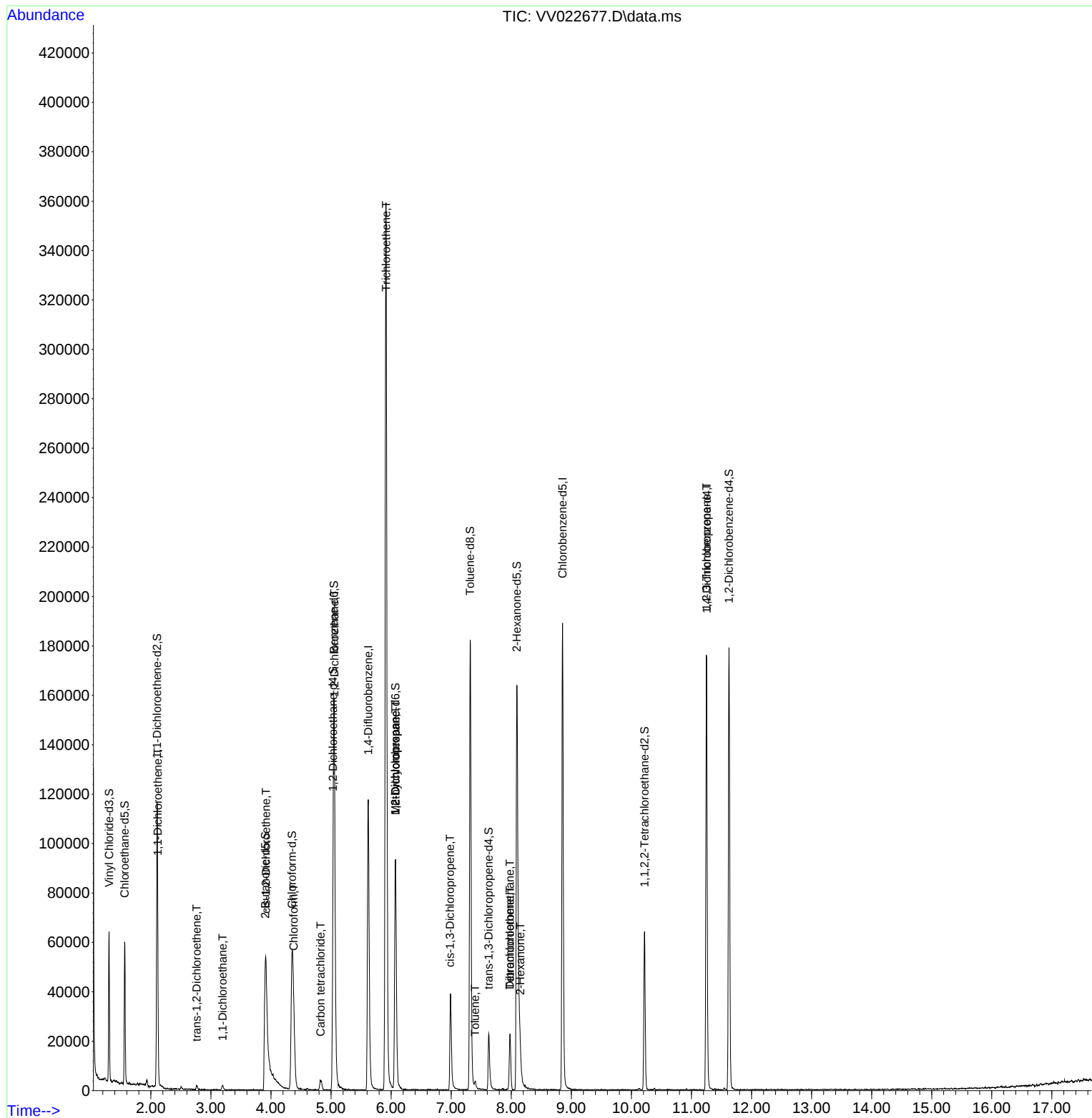
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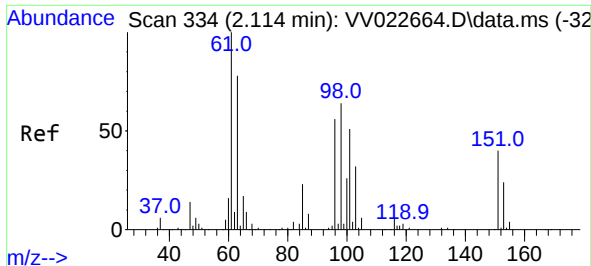
Instrument :
MSVOA_V
ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

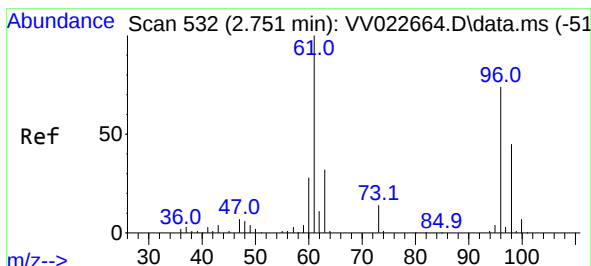
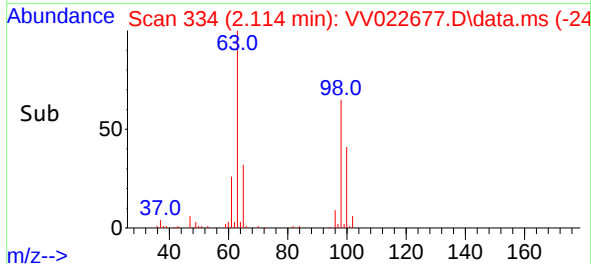
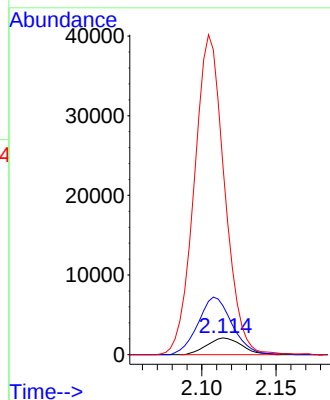
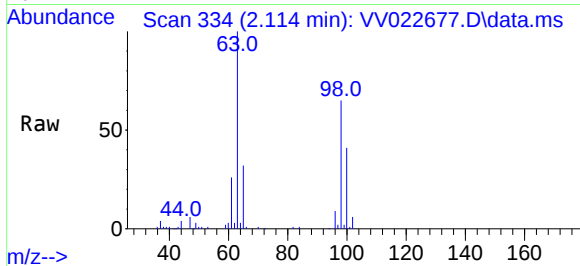




#12
1,1-Dichloroethene
Concen: 0.531 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05

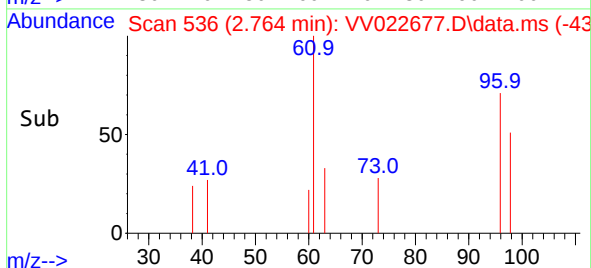
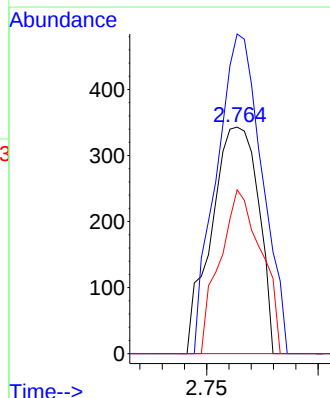
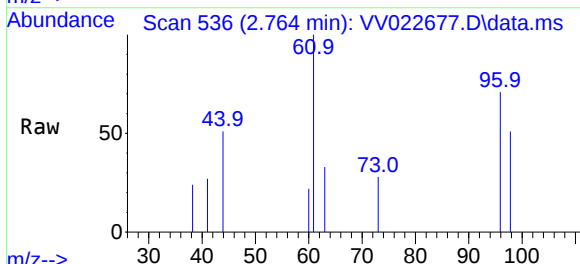
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MSVOA_V
ClientSampleId :

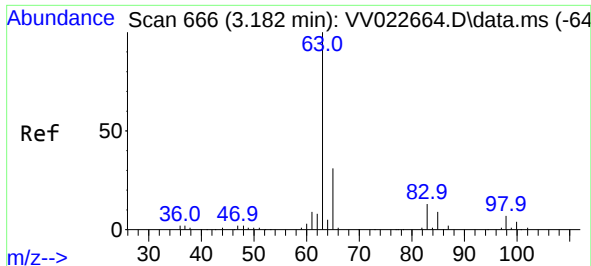
Tgt Ion: 96 Resp: 3416
Ion Ratio Lower Upper
96 100
61 290.4 127.3 236.5#
63 1120.8 106.2 197.2#



#18
trans-1,2-Dichloroethene
Concen: 0.072 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.013 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05

Tgt Ion: 96 Resp: 504
Ion Ratio Lower Upper
96 100
61 141.1 94.5 175.5
98 72.3 44.2 82.0



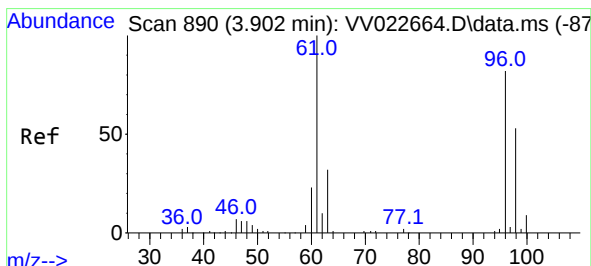
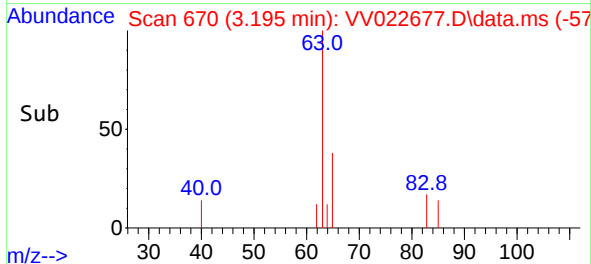
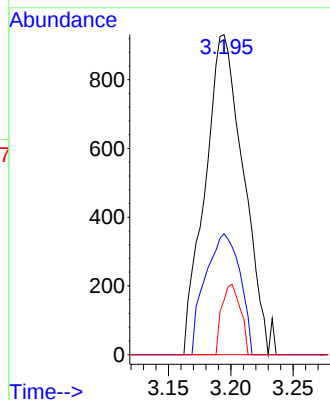
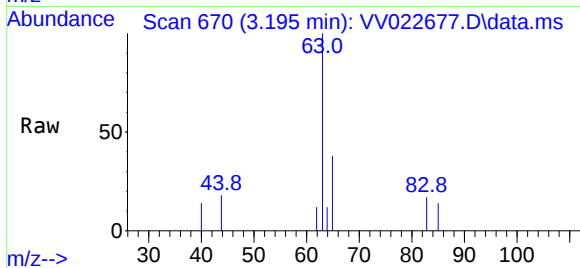


#19
1,1-Dichloroethane
Concen: 0.159 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.013 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 63 Resp: 2006

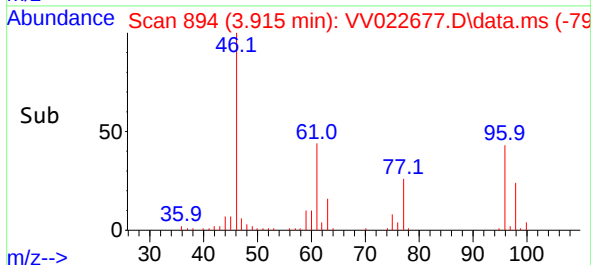
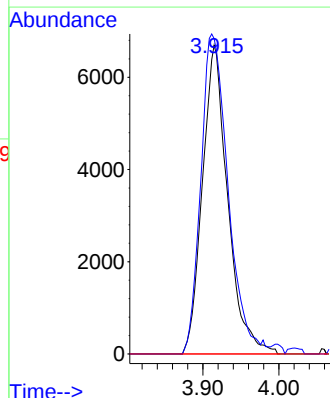
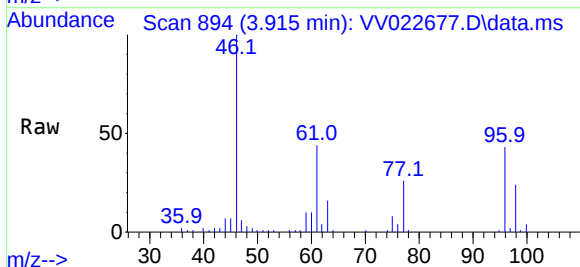
Ion	Ratio	Lower	Upper
63	100		
65	37.8	23.5	43.7
83	17.0	10.1	18.7

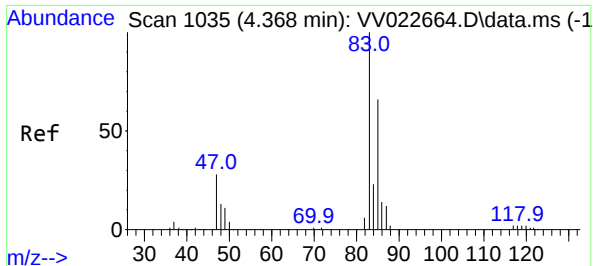


#22
cis-1,2-Dichloroethene
Concen: 2.110 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.013 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05

Tgt Ion: 96 Resp: 15495

Ion	Ratio	Lower	Upper
96	100		
61	102.1	86.0	159.6
68	0.0	0.0	0.0



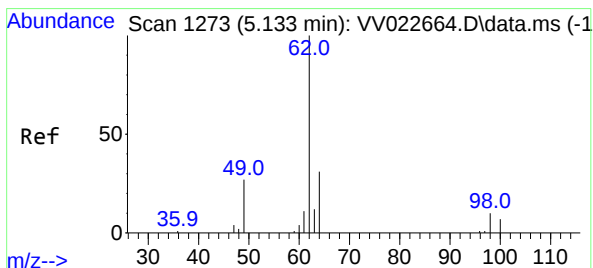
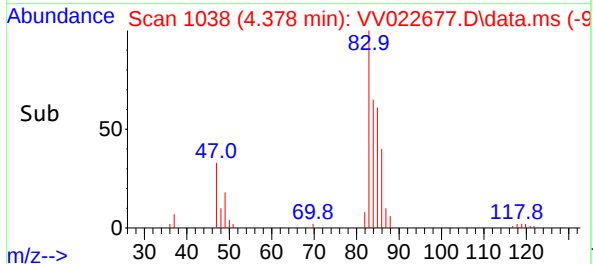
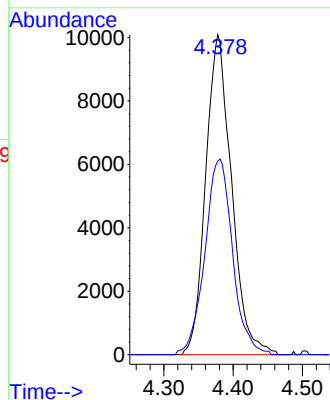
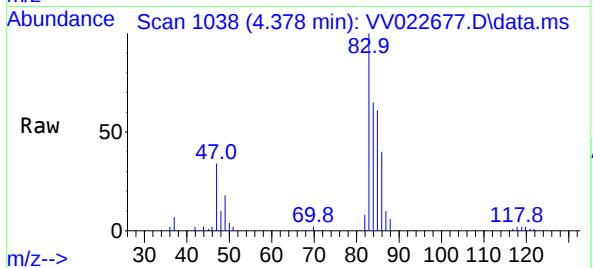


#25

Chloroform
 Concen: 1.790 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.010 min
 Lab File: VV022677.D
 Acq: 07 Oct 2021 21:05

Instrument :
 MSVOA_V
 ClientSampled :

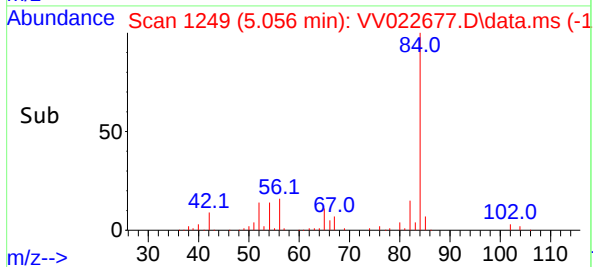
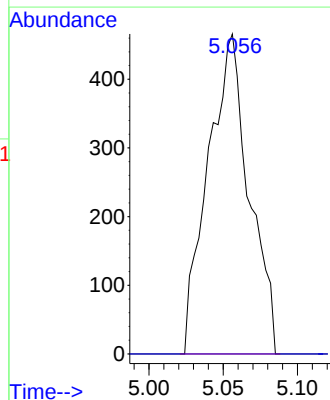
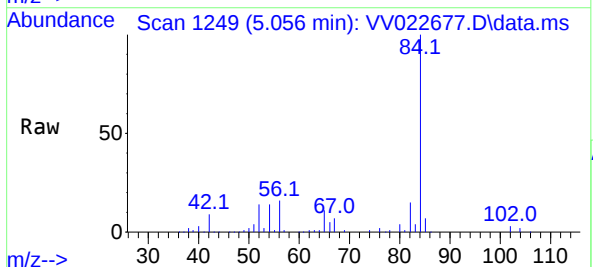
Tgt Ion: 83 Resp: 26135
 Ion Ratio Lower Upper
 83 100
 85 60.6 45.7 84.9

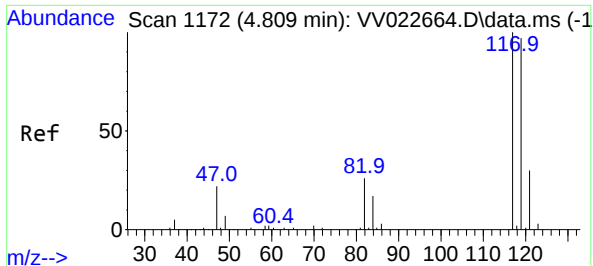


#27

1,2-Dichloroethane
 Concen: 0.123 ug/L
 RT: 5.056 min Scan# 1249
 Delta R.T. -0.077 min
 Lab File: VV022677.D
 Acq: 07 Oct 2021 21:05

Tgt Ion: 62 Resp: 897
 Ion Ratio Lower Upper
 62 100
 98 0.0 9.7 14.5#

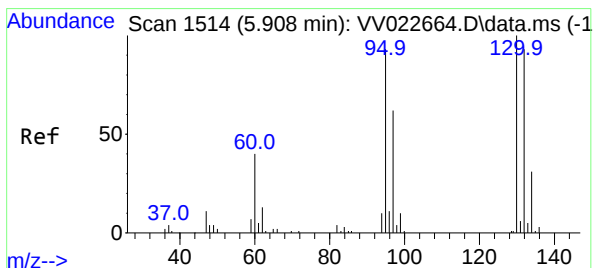
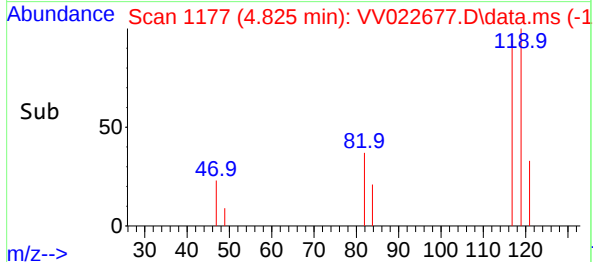
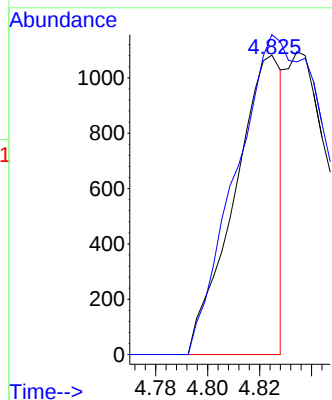
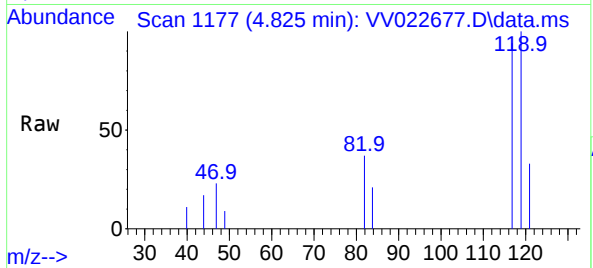




#31
Carbon tetrachloride
Concen: 0.125 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.016 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05

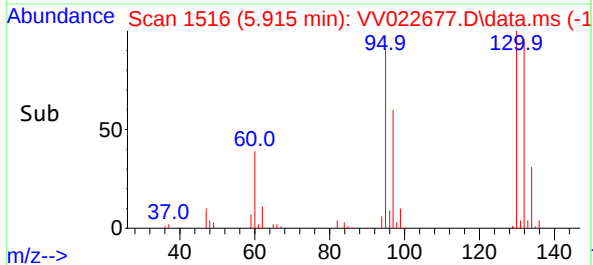
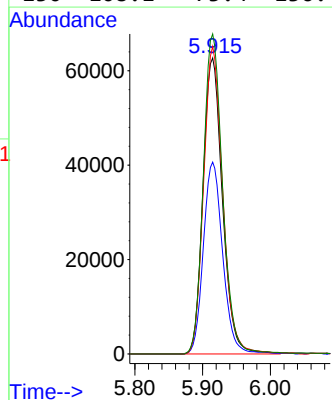
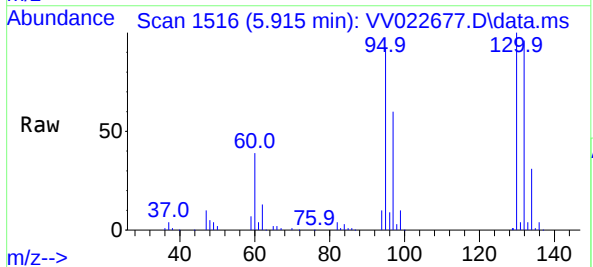
Instrument :
MSVOA_V
ClientSampled :

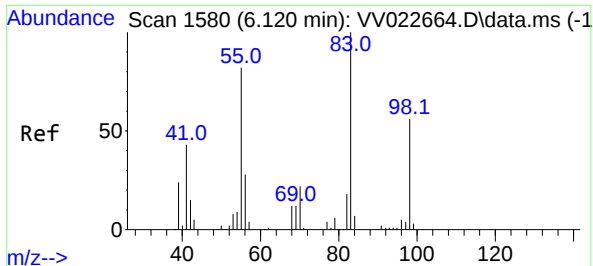
Tgt Ion:117 Resp: 1363
Ion Ratio Lower Upper
117 100
119 213.6 77.4 116.0#



#34
Trichloroethene
Concen: 15.519 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05

Tgt Ion: 95 Resp: 124747
Ion Ratio Lower Upper
95 100
97 64.8 45.8 85.2
132 103.9 72.2 134.0
130 108.1 73.4 136.4

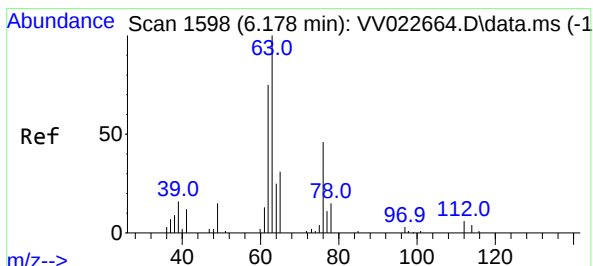
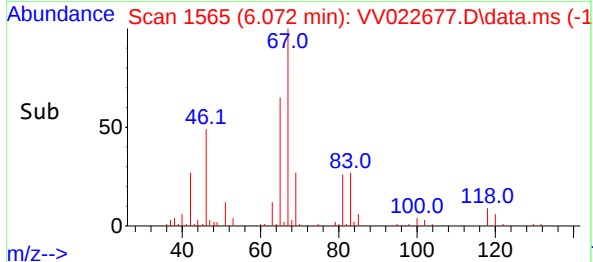
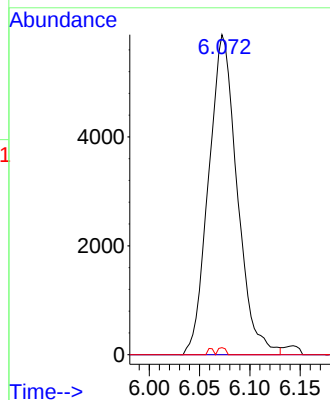
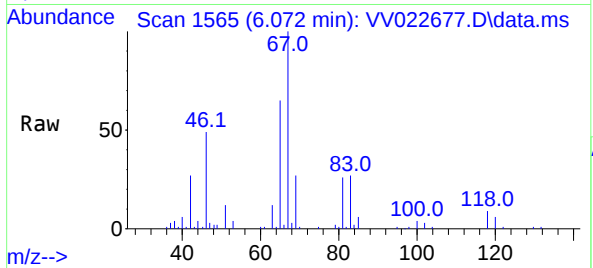




#35
Methylcyclohexane
Concen: 1.032 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.048 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05

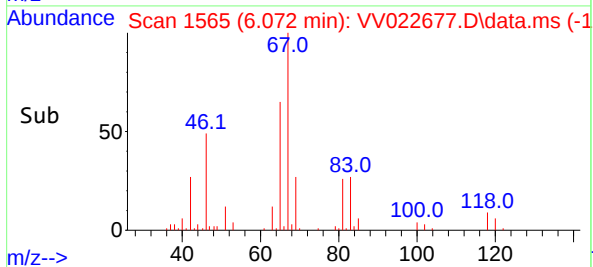
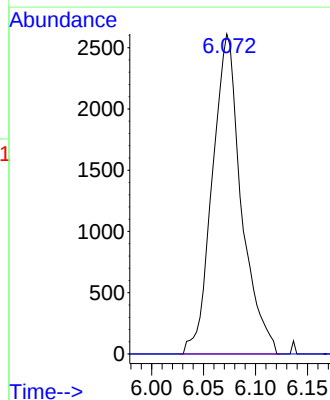
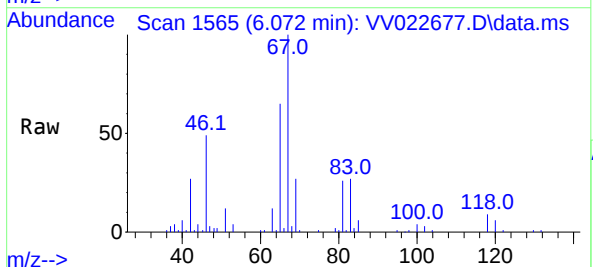
Instrument :
MSVOA_V
ClientSampled :

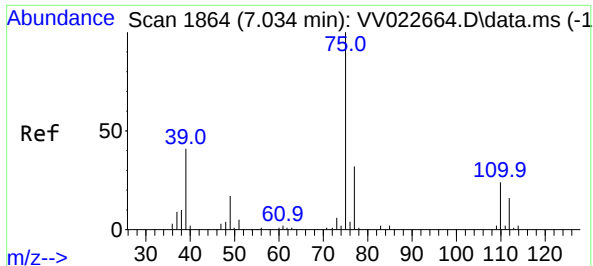
Tgt Ion: 83 Resp: 11627
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 0.0 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.714 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.106 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05

Tgt Ion: 63 Resp: 5077
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

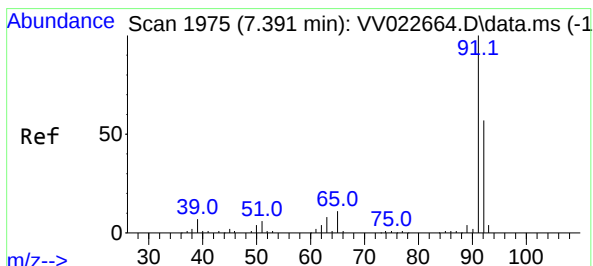
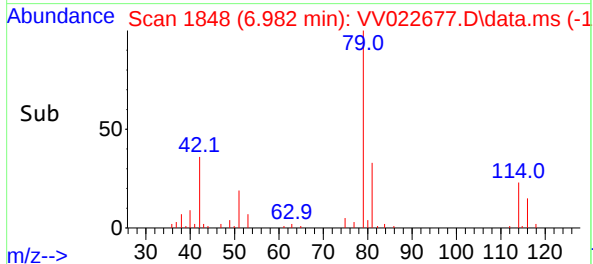
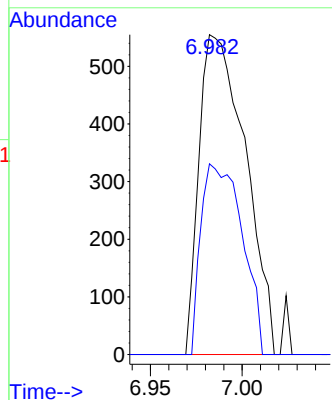
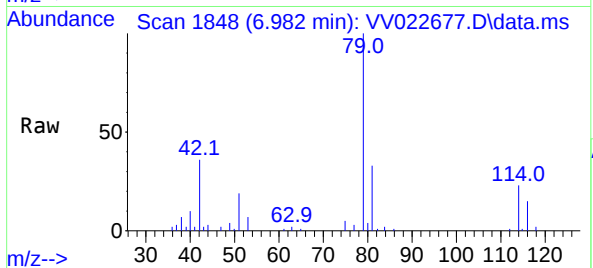




#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.051 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05

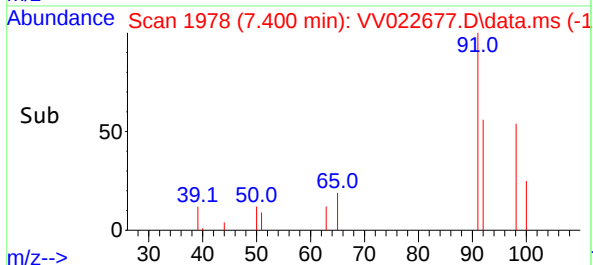
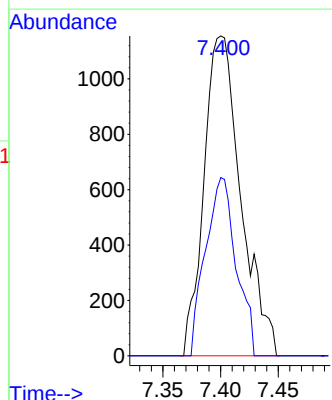
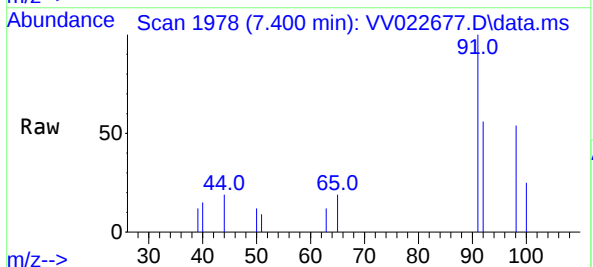
Instrument :
MSVOA_V
ClientSampled :

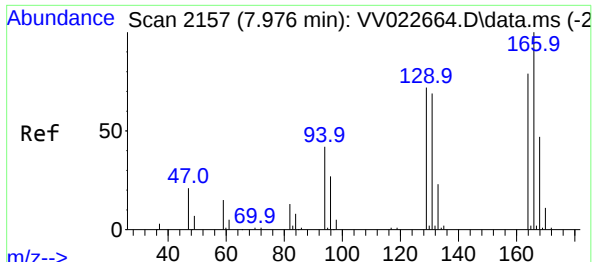
Tgt Ion: 75 Resp: 974
Ion Ratio Lower Upper
75 100
77 59.6 22.3 41.3#



#42
Toluene
Concen: 0.086 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.010 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05

Tgt Ion: 91 Resp: 2581
Ion Ratio Lower Upper
91 100
92 55.8 40.7 75.7





#47

Tetrachloroethene

Concen: 0.859 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022677.D

Acq: 07 Oct 2021 21:05

Tgt Ion:164 Resp: 5584

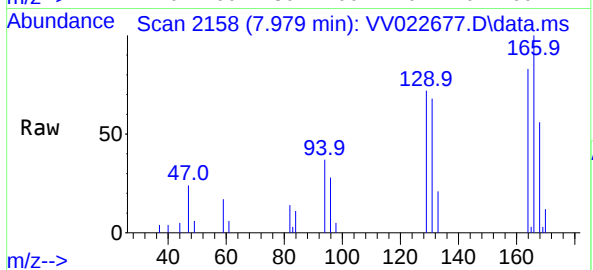
Ion Ratio Lower Upper

164 100

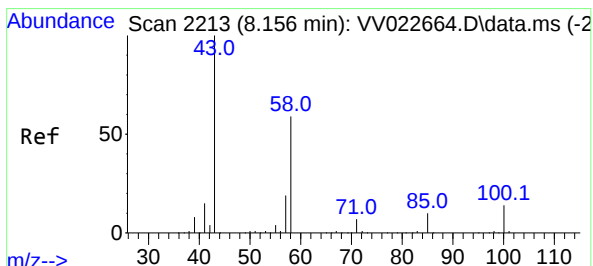
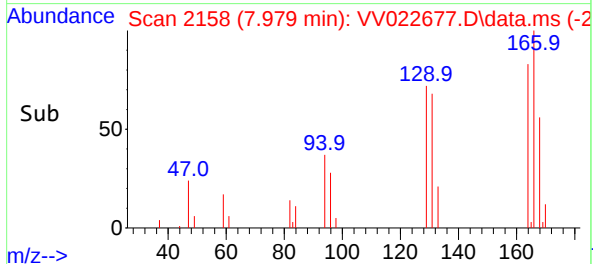
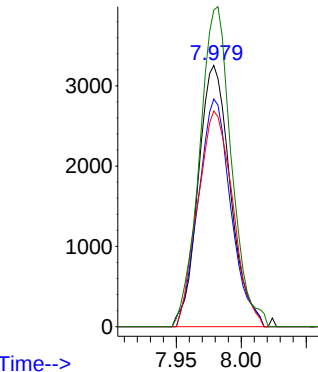
129 87.1 65.0 120.6

131 82.5 62.2 115.4

166 121.2 89.2 165.8



Abundance



#48

2-Hexanone

Concen: 3.454 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. -0.006 min

Lab File: VV022677.D

Acq: 07 Oct 2021 21:05

Tgt Ion: 43 Resp: 9648

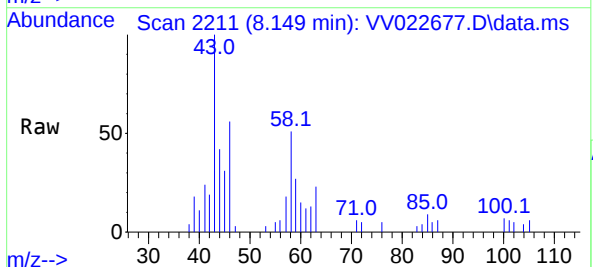
Ion Ratio Lower Upper

43 100

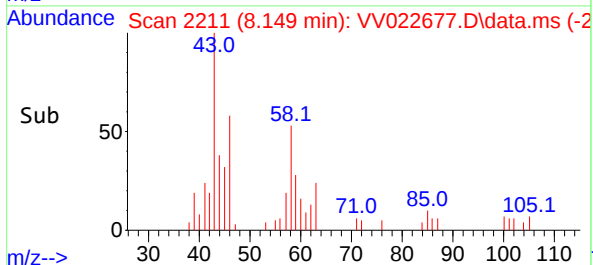
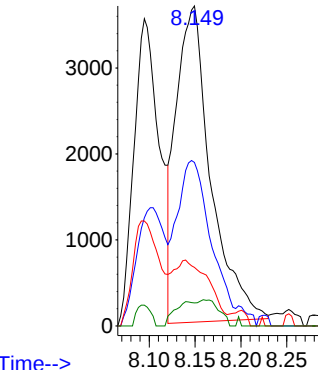
58 45.4 47.4 71.0#

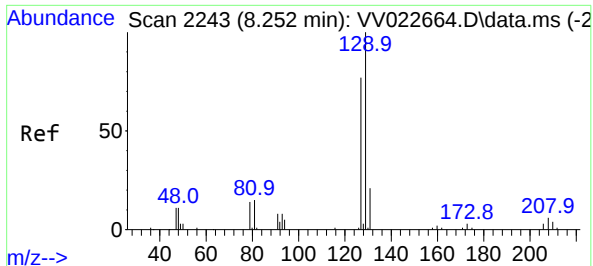
57 20.6 15.3 22.9

100 4.4 10.4 15.6#



Abundance





#49

Dibromochloromethane

Concen: 0.758 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.273 min

Lab File: VV022677.D

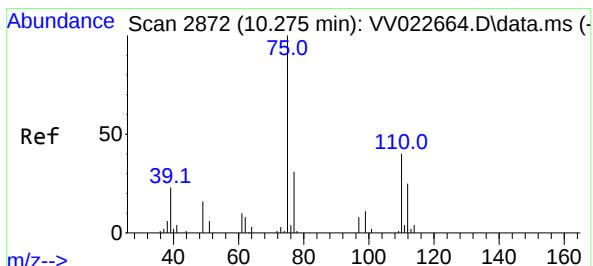
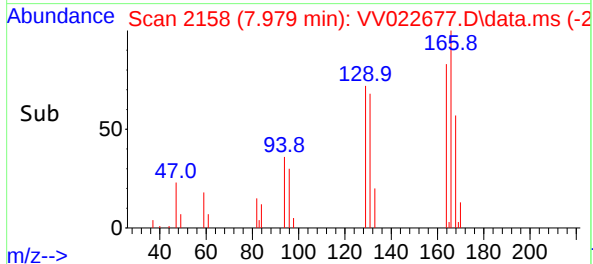
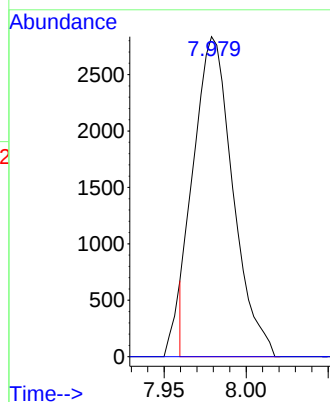
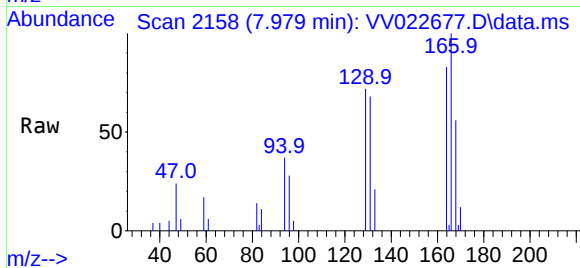
Acq: 07 Oct 2021 21:05

Tgt Ion:129 Resp: 4682

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.672 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022677.D

Acq: 07 Oct 2021 21:05

Tgt Ion: 75 Resp: 5525

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2

110 1.7 34.2 51.4#

