

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100821\
 Data File : VW022712.D
 Acq On : 08 Oct 2021 19:19
 Operator : SY/MD
 Sample : M4022-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 01:26:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 09 01:23:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	111278	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111121	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49005	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34834	4.550	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.565	69	33609	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.101	63	54491	3.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.928	46	69621	34.681	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.360%
24) Chloroform-d	4.346	84	77377	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.034	65	37356	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.047	84	151555	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.072	67	48095	4.909	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.317	98	127231	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.625	79	13883	4.272	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.098	63	62534	47.749	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31204	4.702	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	50007	5.504	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	940	0.115	ug/L	97
9) Trichlorofluoromethane	1.748	101	167398	13.570	ug/L	97
12) 1,1-Dichloroethene	2.105	96	435	0.065	ug/L #	1
22) cis-1,2-Dichloroethene	3.905	96	8851	1.153	ug/L	100
27) 1,2-Dichloroethane	5.043	62	852	0.112	ug/L #	69
31) Carbon tetrachloride	4.822	117	3850	0.350	ug/L	100
34) Trichloroethene	5.912	95	85619	10.520	ug/L	99
35) Methylcyclohexane	6.072	83	11600	1.017	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	5236	0.727	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1102	0.116	ug/L #	34
42) Toluene	7.397	91	2109	0.069	ug/L	84
45) 1,1,2-Trichloroethane	7.850	97	762	0.143	ug/L #	69
47) Tetrachloroethene	7.976	164	177327	26.941	ug/L	98
48) 2-Hexanone	8.146	43	10921	3.862	ug/L #	74
49) Dibromochloromethane	7.976	129	156986	25.108	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5369	1.577	ug/L #	62

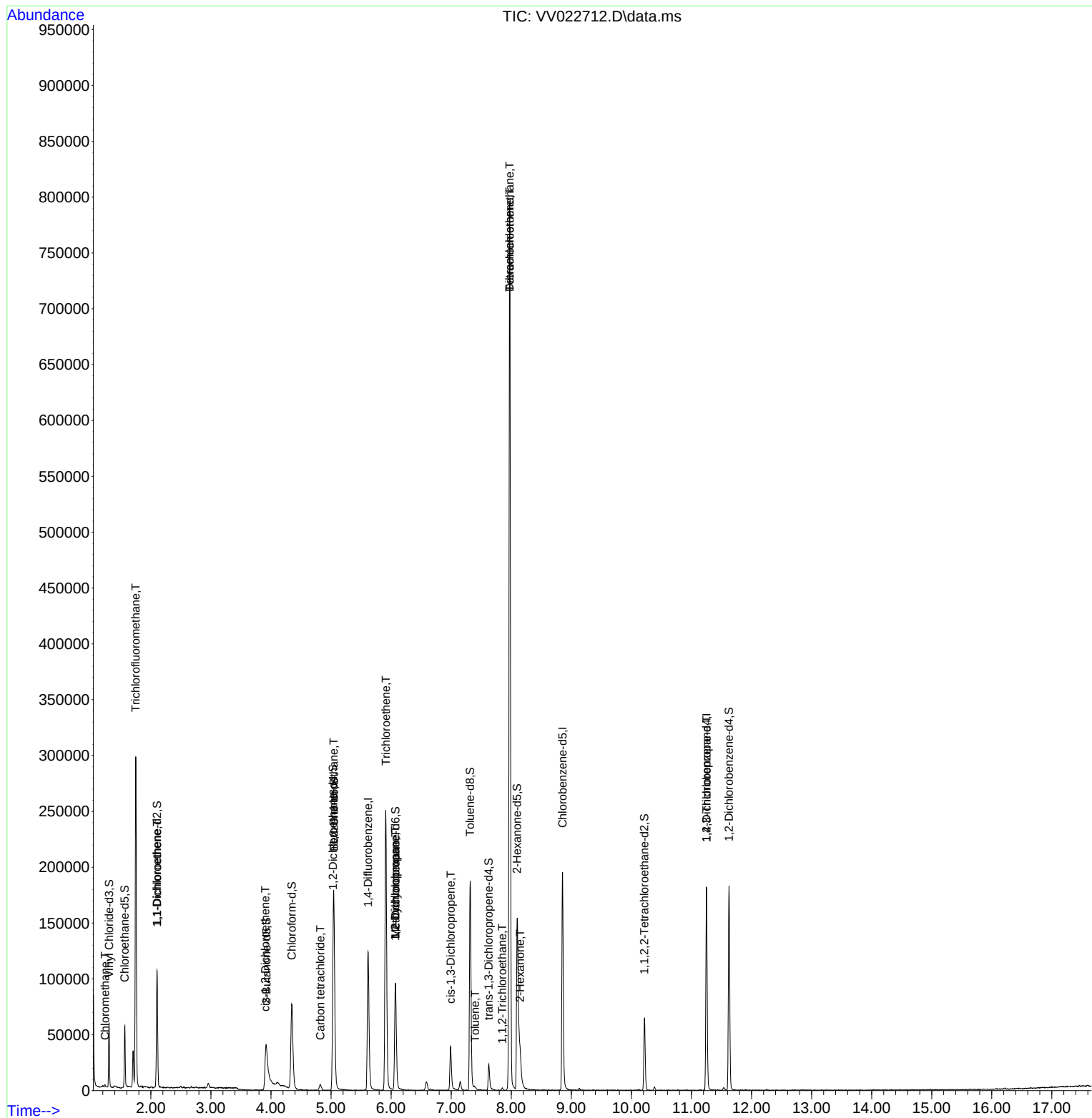
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_V
ClientSampleId :

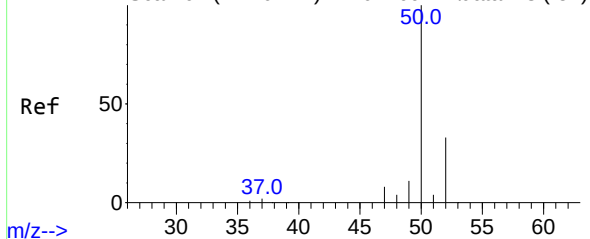
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100821\
Data File : VV022712.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 09 01:23:25 2021
Response via : Initial Calibration



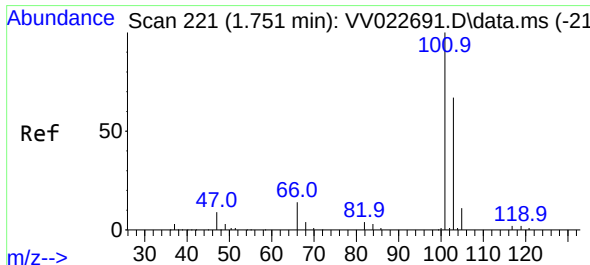
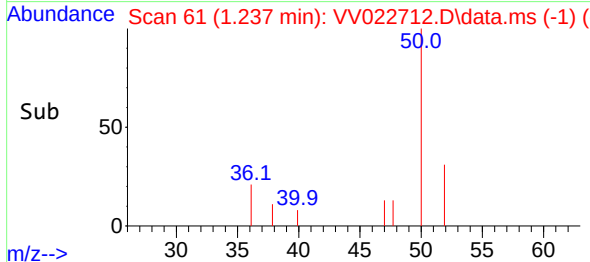
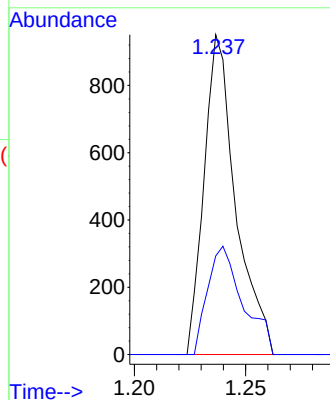
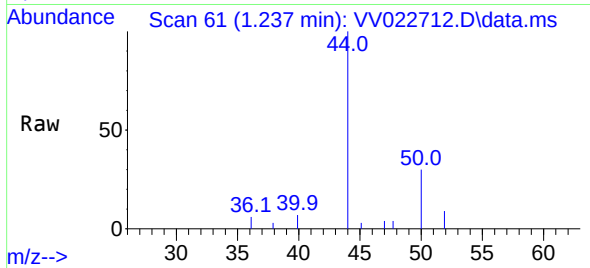
Abundance Scan 62 (1.240 min): VV022691.D\data.ms (-54)



#3
Chloromethane
Concen: 0.115 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV022712.D
Acq: 08 Oct 2021 19:19

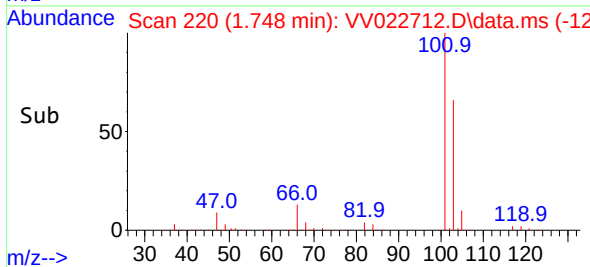
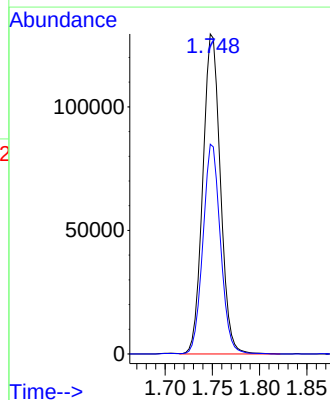
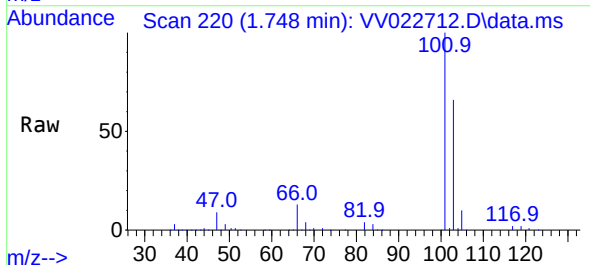
Tgt Ion: 50 Resp: 940
Ion Ratio Lower Upper
50 100
52 30.8 22.9 42.5

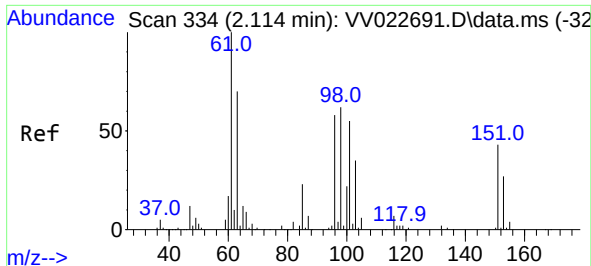
Instrument :
MSVOA_V
ClientSampled :



#9
Trichlorofluoromethane
Concen: 13.570 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV022712.D
Acq: 08 Oct 2021 19:19

Tgt Ion: 101 Resp: 167398
Ion Ratio Lower Upper
101 100
103 65.4 50.3 75.5

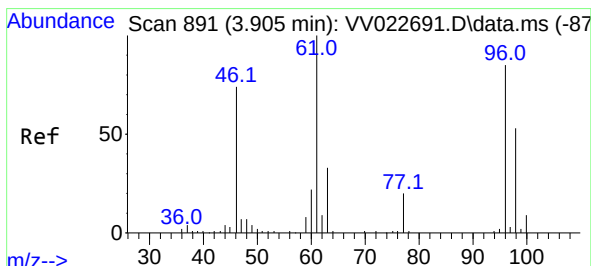
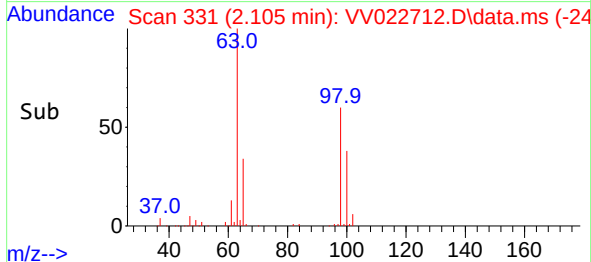
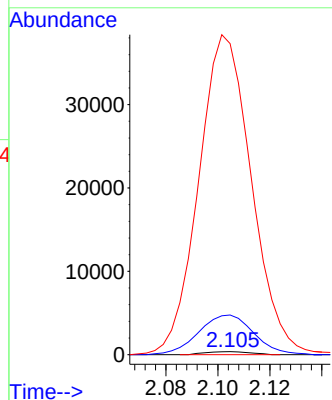
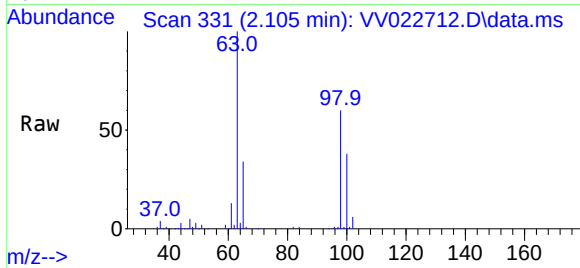




#12
1,1-Dichloroethene
Concen: 0.065 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV022712.D
Acq: 08 Oct 2021 19:19

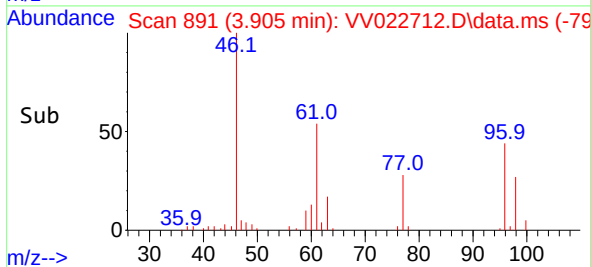
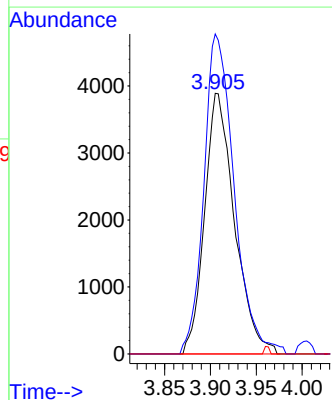
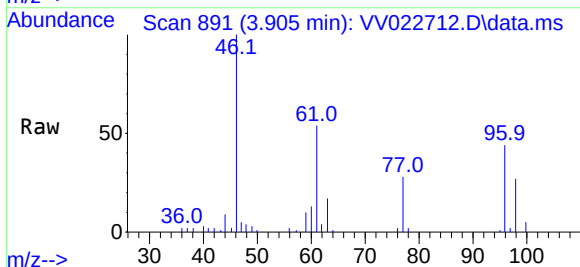
Instrument :
MSVOA_V
ClientSampled :

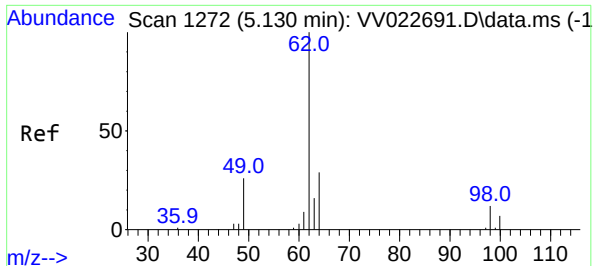
Tgt Ion: 96 Resp: 435
Ion Ratio Lower Upper
96 100
61 1325.3 127.3 236.5#
63 10364.4 106.2 197.2#



#22
cis-1,2-Dichloroethene
Concen: 1.153 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV022712.D
Acq: 08 Oct 2021 19:19

Tgt Ion: 96 Resp: 8851
Ion Ratio Lower Upper
96 100
61 122.8 86.0 159.6
68 0.0 0.0 0.0

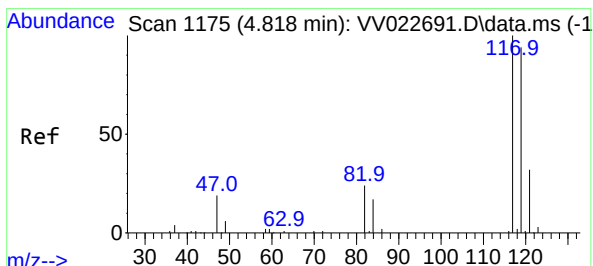
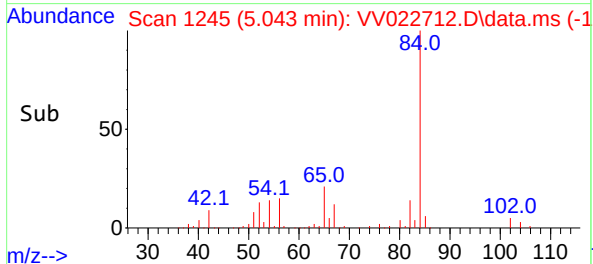
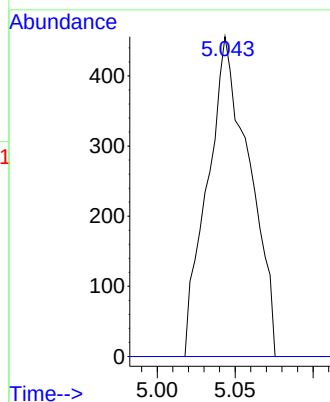
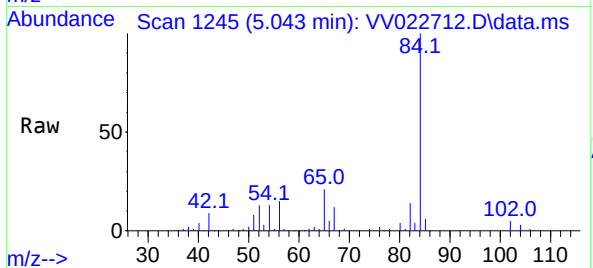




#27
1,2-Dichloroethane
Concen: 0.112 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.087 min
Lab File: VV022712.D
Acq: 08 Oct 2021 19:19

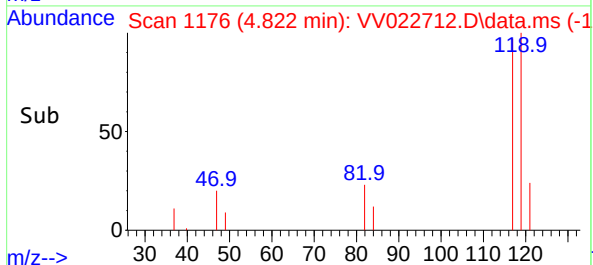
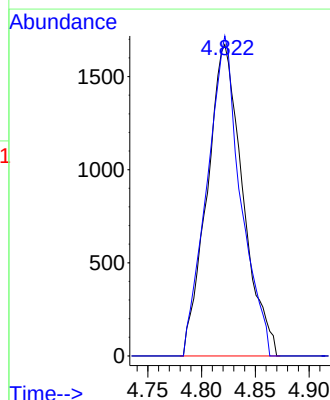
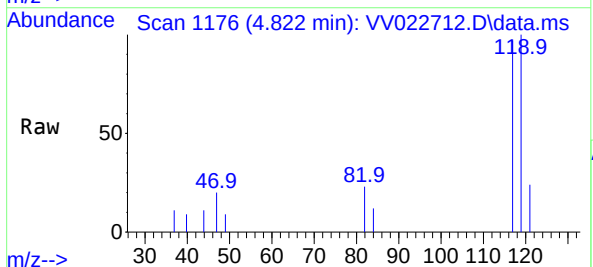
Instrument :
MSVOA_V
ClientSampled :

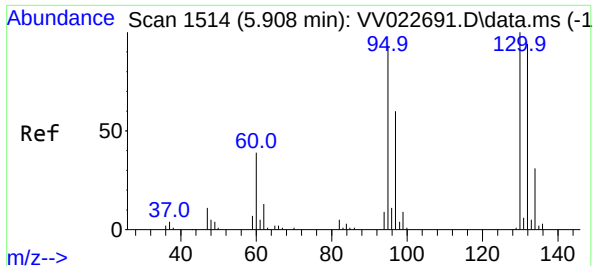
Tgt Ion: 62 Resp: 852
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#



#31
Carbon tetrachloride
Concen: 0.350 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV022712.D
Acq: 08 Oct 2021 19:19

Tgt Ion: 117 Resp: 3850
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0

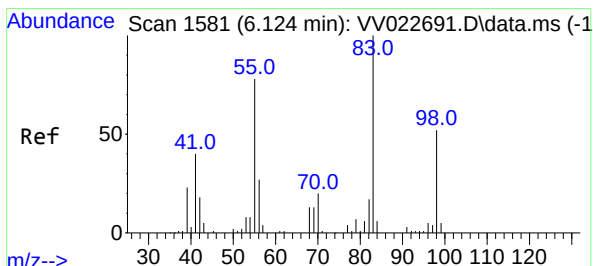
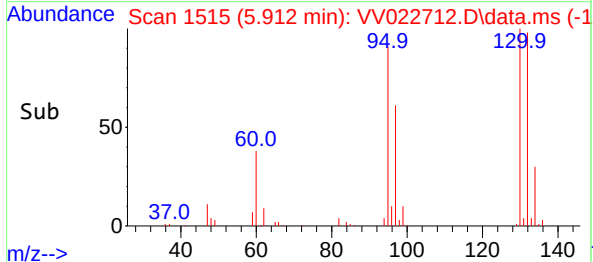
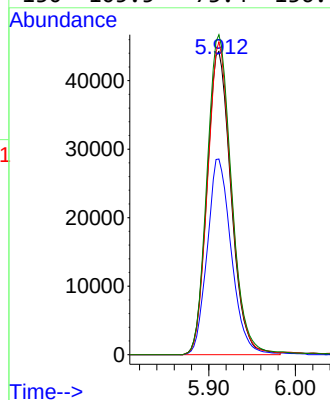
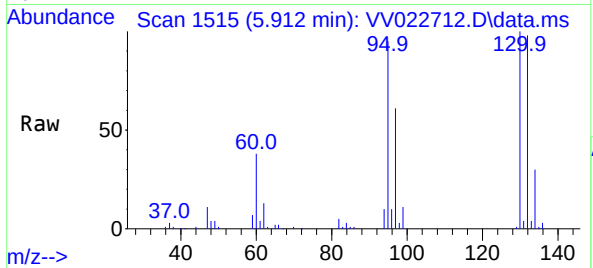




#34
Trichloroethene
Concen: 10.520 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022712.D
Acq: 08 Oct 2021 19:19

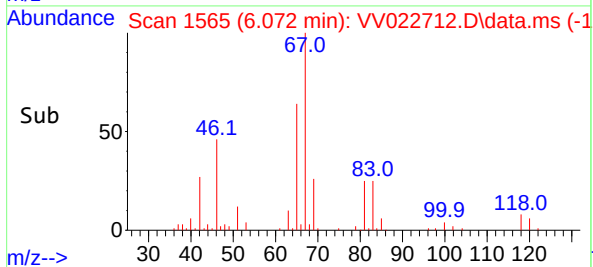
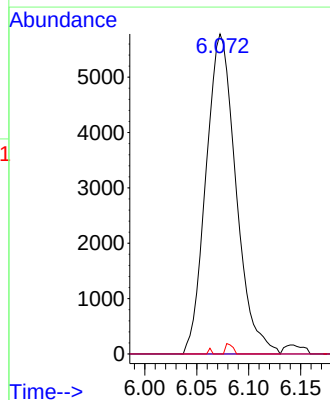
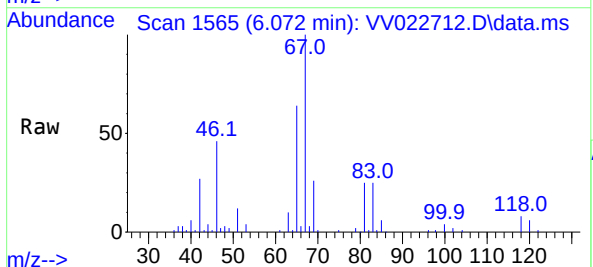
Instrument :
MSVOA_V
ClientSampled :

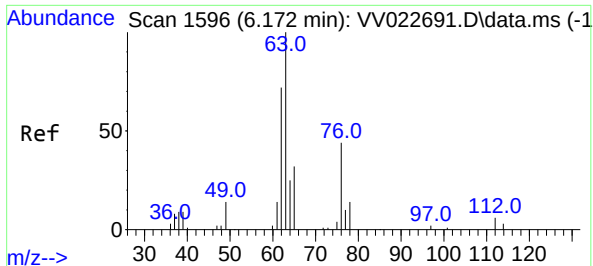
Tgt Ion: 95 Resp: 85619
Ion Ratio Lower Upper
95 100
97 64.5 45.8 85.2
132 103.2 72.2 134.0
130 105.5 73.4 136.4



#35
Methylcyclohexane
Concen: 1.017 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.051 min
Lab File: VV022712.D
Acq: 08 Oct 2021 19:19

Tgt Ion: 83 Resp: 11600
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 0.0 42.1 63.1#

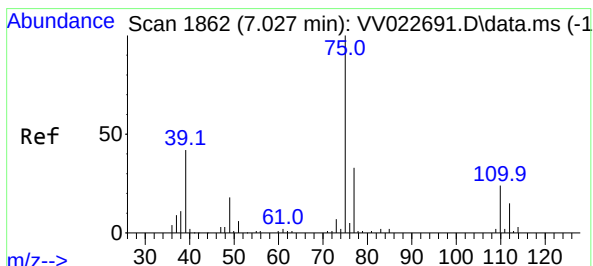
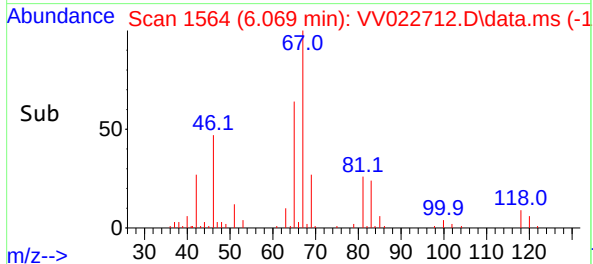
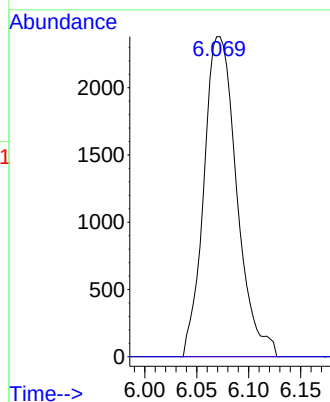
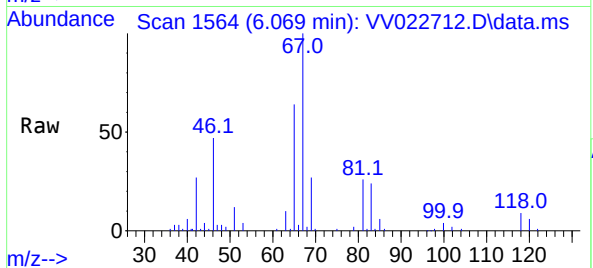




#37
1,2-Dichloropropane
Concen: 0.727 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022712.D
Acq: 08 Oct 2021 19:19

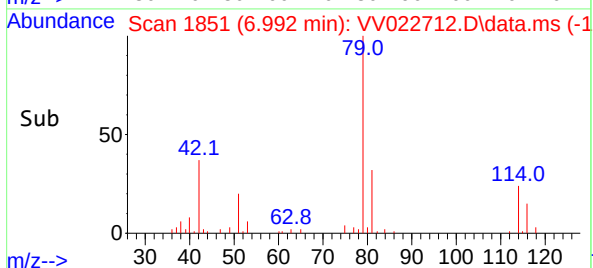
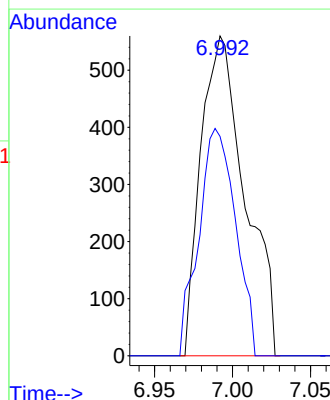
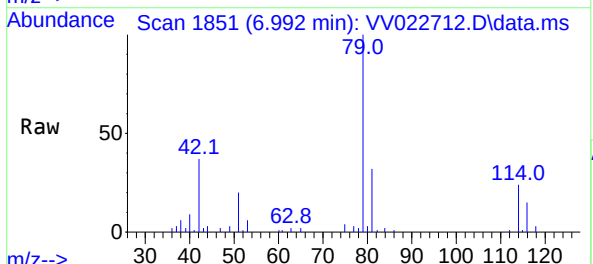
Instrument :
MSVOA_V
ClientSampled :

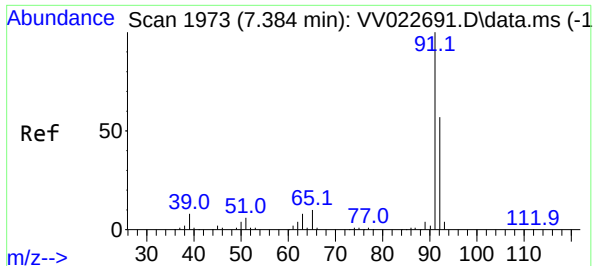
Tgt Ion: 63 Resp: 5236
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV022712.D
Acq: 08 Oct 2021 19:19

Tgt Ion: 75 Resp: 1102
Ion Ratio Lower Upper
75 100
77 68.6 22.3 41.3#





#42

Toluene

Concen: 0.069 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV022712.D

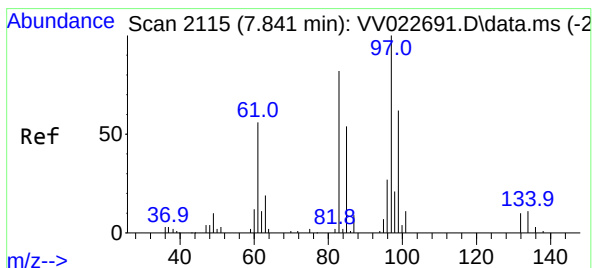
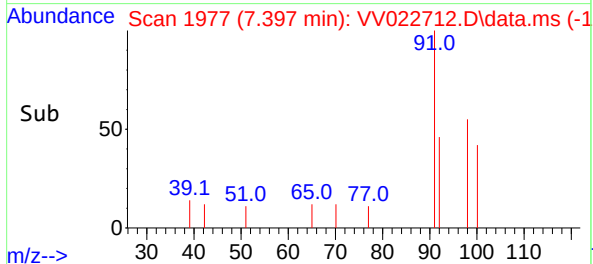
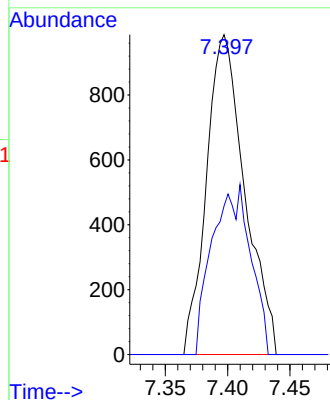
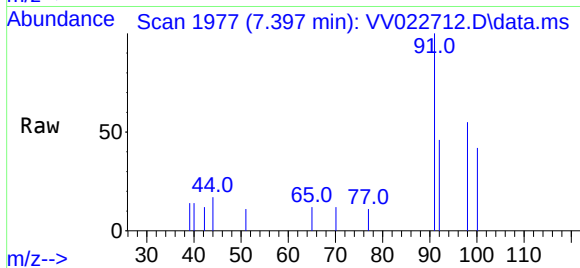
Acq: 08 Oct 2021 19:19

Tgt Ion: 91 Resp: 2109

Ion Ratio Lower Upper

91 100

92 46.5 40.7 75.7



#45

1,1,2-Trichloroethane

Concen: 0.143 ug/L

RT: 7.850 min Scan# 2118

Delta R.T. 0.010 min

Lab File: VV022712.D

Acq: 08 Oct 2021 19:19

Tgt Ion: 97 Resp: 762

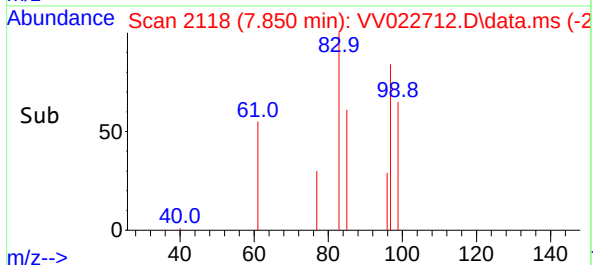
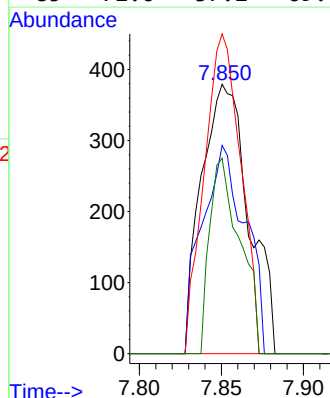
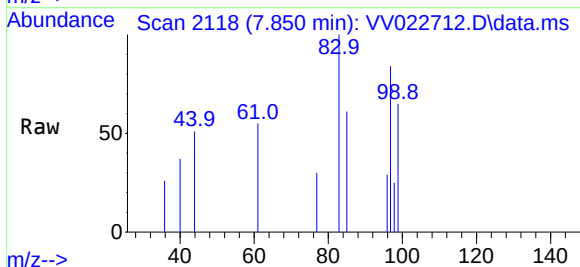
Ion Ratio Lower Upper

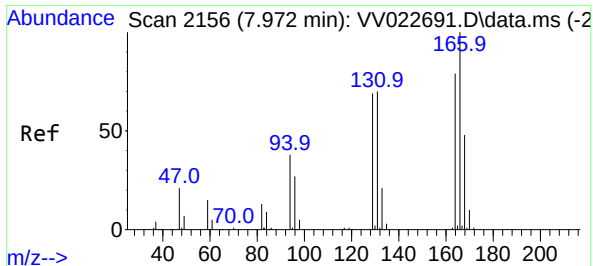
97 100

99 77.3 44.5 82.7

83 118.7 56.6 105.0#

85 72.6 37.2 69.0#





#47

Tetrachloroethene

Concen: 26.941 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV022712.D

Acq: 08 Oct 2021 19:19

Tgt Ion:164 Resp: 177327

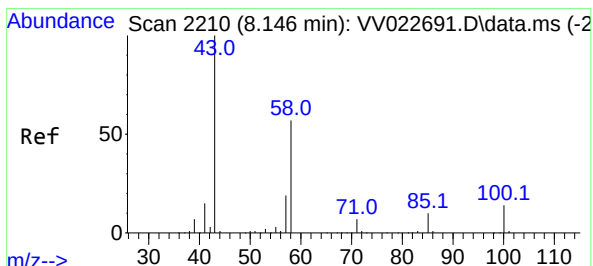
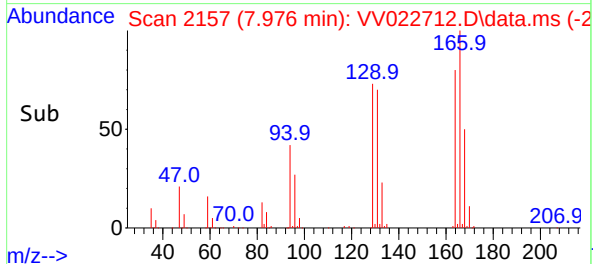
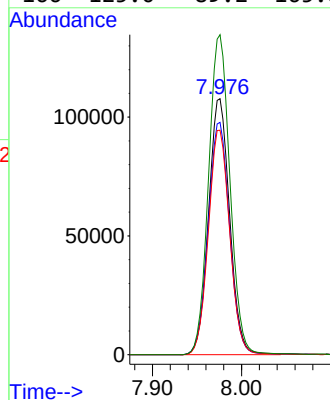
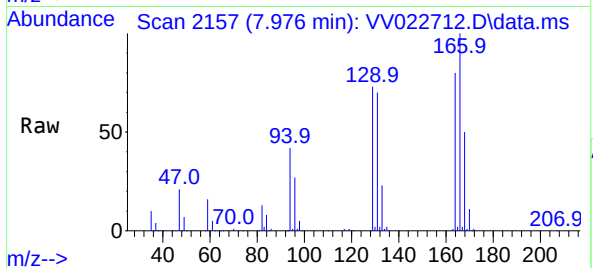
Ion Ratio Lower Upper

164 100

129 90.8 65.0 120.6

131 87.7 62.2 115.4

166 125.0 89.2 165.8



#48

2-Hexanone

Concen: 3.862 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VV022712.D

Acq: 08 Oct 2021 19:19

Tgt Ion: 43 Resp: 10921

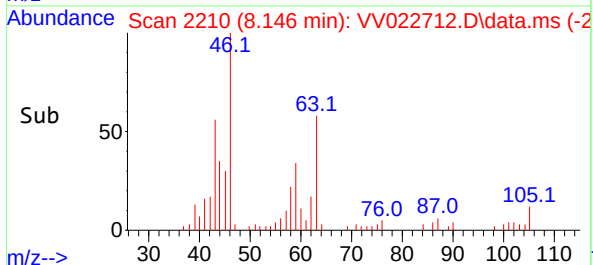
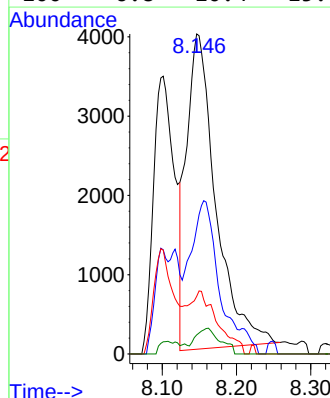
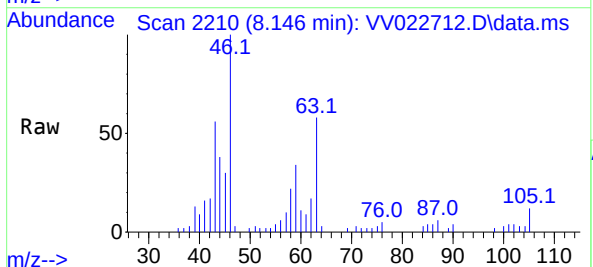
Ion Ratio Lower Upper

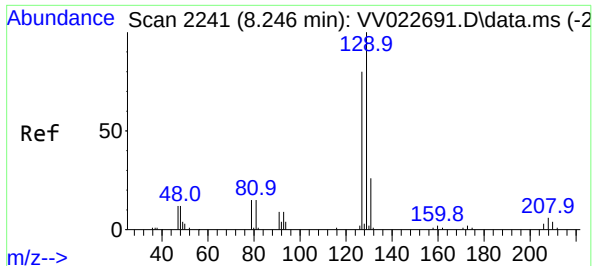
43 100

58 33.3 47.4 71.0#

57 17.0 15.3 22.9

100 6.8 10.4 15.6#





#49

Dibromochloromethane

Concen: 25.108 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV022712.D

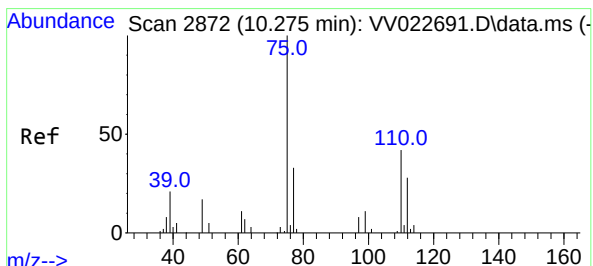
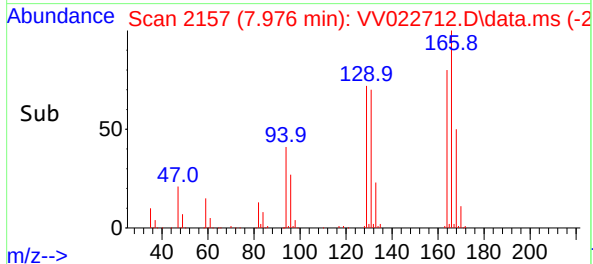
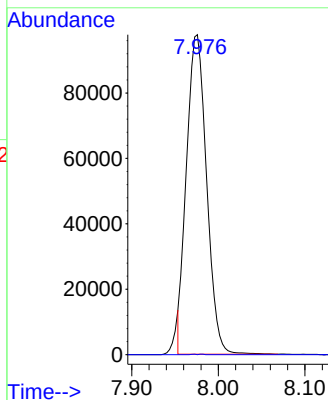
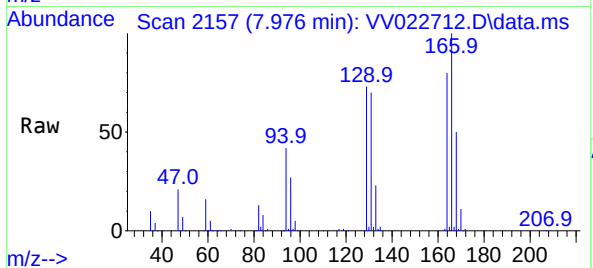
Acq: 08 Oct 2021 19:19

Tgt Ion:129 Resp: 156986

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.577 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022712.D

Acq: 08 Oct 2021 19:19

Tgt Ion: 75 Resp: 5369

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2

110 0.8 34.2 51.4#

