

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022595.D
 Acq On : 06 Oct 2021 02:13
 Operator : SY/MD
 Sample : M4051-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 08:08:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 07:50:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103921	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102046	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	47029	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37327	11.211	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	224.200%#
7) Chloroethane-d5	1.565	69	33748	7.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	150.400%#
11) 1,1-Dichloroethene-d2	2.105	63	61834	6.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	128.000%#
20) 2-Butanone-d5	3.889	46	91135	46.304	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.600%
24) Chloroform-d	4.352	84	64161	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.034	65	35164	5.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.400%
32) Benzene-d6	5.050	84	140587	6.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.200%
36) 1,2-Dichloropropane-d6	6.069	67	42628	5.254	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.320	98	121075	6.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.600%
43) trans-1,3-Dichloroprop...	7.625	79	11875	5.531	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.600%
46) 2-Hexanone-d5	8.088	63	63806	47.996	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30280	4.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	46547	6.399	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	128.000%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	11153	1.752	ug/L #	25
19) 1,1-Dichloroethane	3.195	63	723	0.058	ug/L #	94
22) cis-1,2-Dichloroethene	3.915	96	3891	0.517	ug/L	89
25) Chloroform	4.375	83	13322	0.980	ug/L	94
27) 1,2-Dichloroethane	5.050	62	872	0.121	ug/L #	74
29) 1,1,1-Trichloroethane	4.616	97	1132	0.097	ug/L #	88
31) Carbon tetrachloride	4.828	117	1137	0.110	ug/L	94
34) Trichloroethene	5.915	95	29512	3.693	ug/L	98
35) Methylcyclohexane	6.072	83	11020	0.984	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	4461	0.664	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	891	0.098	ug/L #	61
42) Toluene	7.400	91	2452	0.085	ug/L	99
47) Tetrachloroethene	7.979	164	13868	2.232	ug/L	97
48) 2-Hexanone	8.143	43	7549	2.839	ug/L #	73
49) Dibromochloromethane	7.976	129	12540	2.123	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	4978	1.428	ug/L #	64

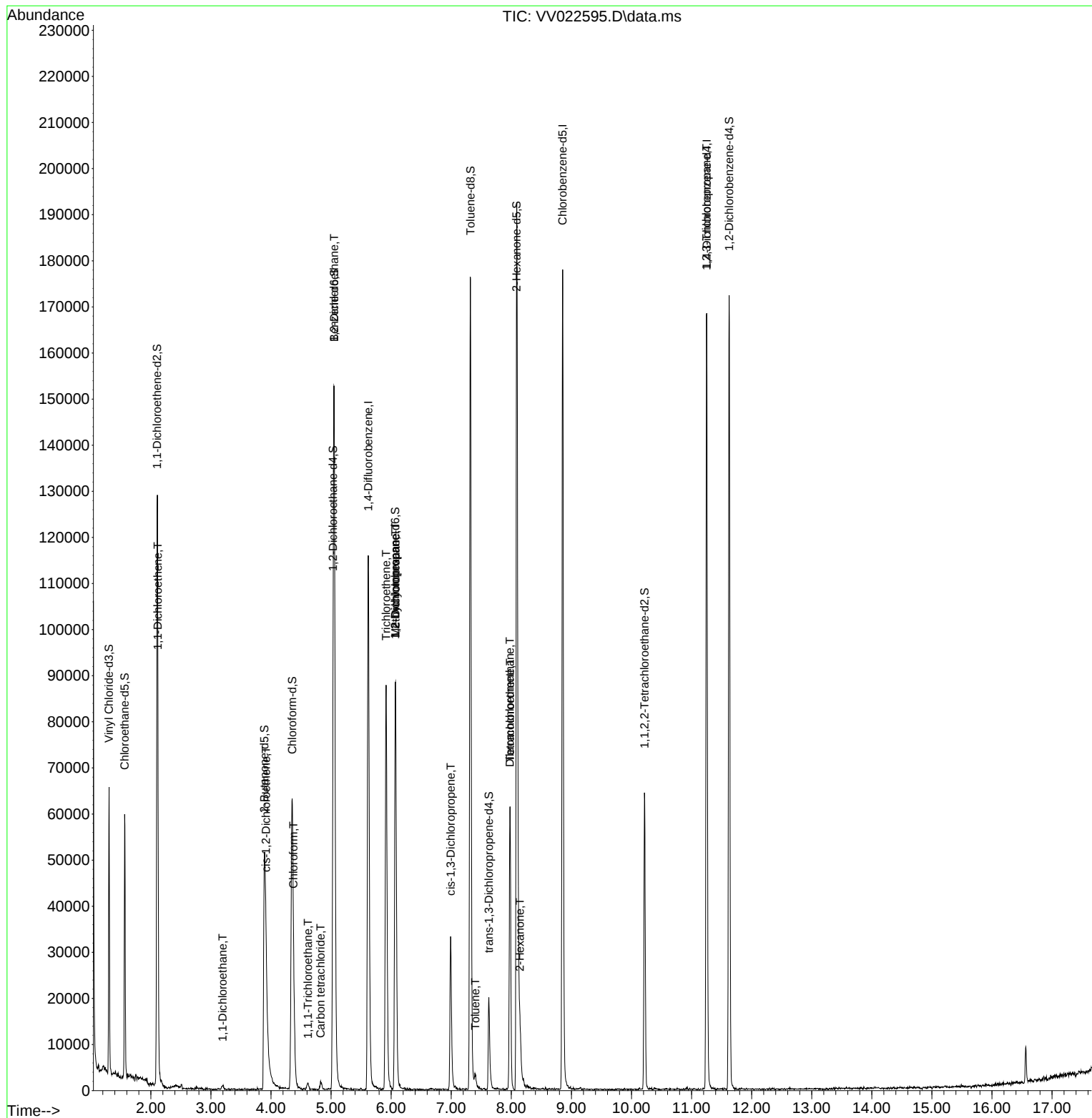
(#) = qualifier out of range (m) = manual integration (+) = signals summed

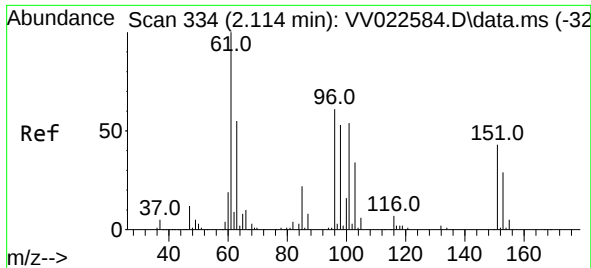
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100521\
Data File : VV022595.D
Acq On : 06 Oct 2021 02:13
Operator : SY/MD
Sample : M4051-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :

Quant Time: Oct 06 08:08:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 07:50:25 2021
Response via : Initial Calibration

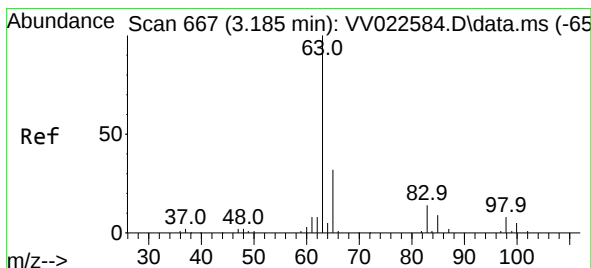
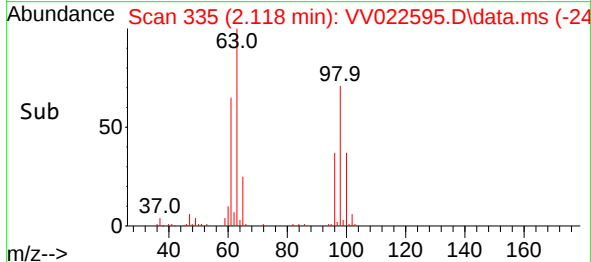
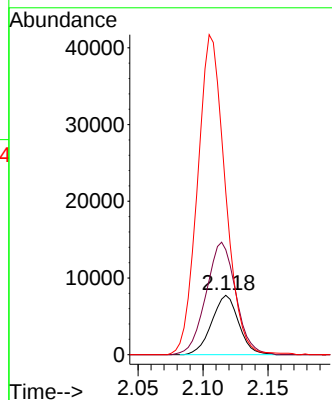
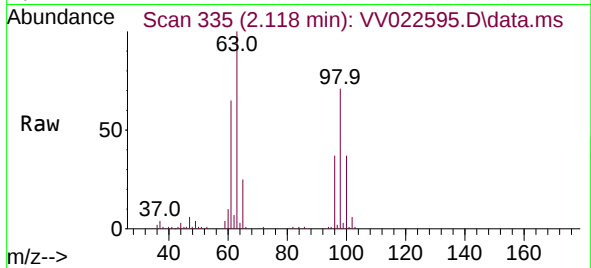




#12
1,1-Dichloroethene
Concen: 1.752 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13

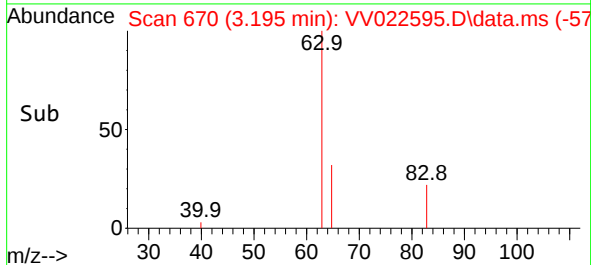
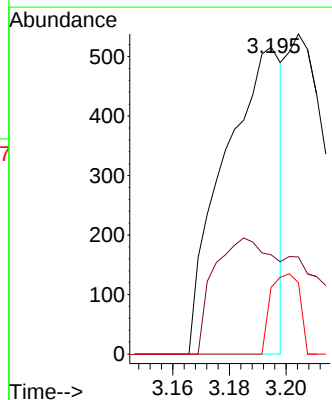
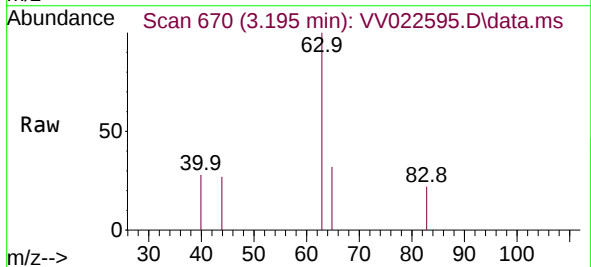
Instrument :
MSVOA_V
ClientSampled :

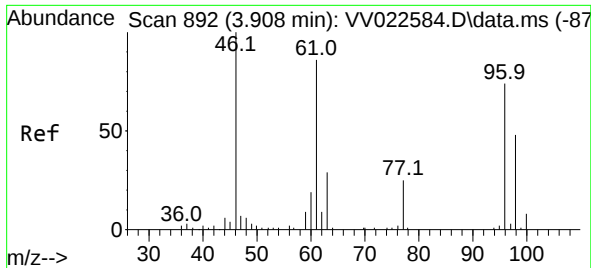
Tgt Ion: 96 Resp: 11153
Ion Ratio Lower Upper
96 100
61 176.7 113.2 210.2
63 273.2 66.6 123.8#



#19
1,1-Dichloroethane
Concen: 0.058 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.010 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13

Tgt Ion: 63 Resp: 723
Ion Ratio Lower Upper
63 100
65 32.4 22.8 42.4
83 21.7 10.2 19.0#

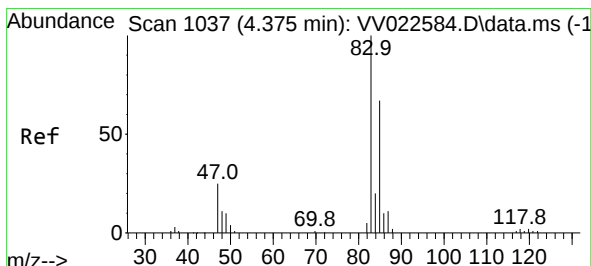
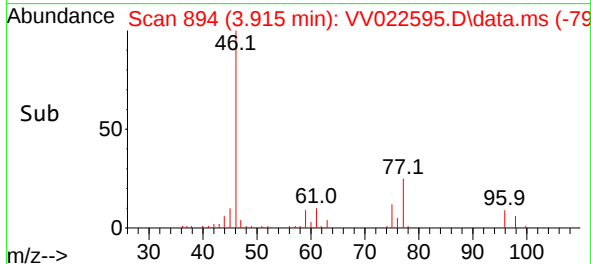
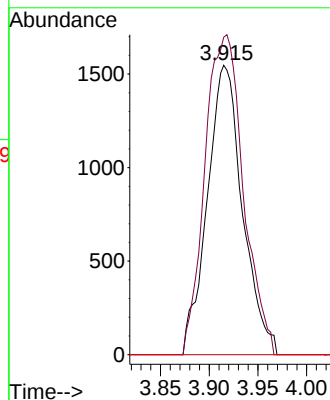
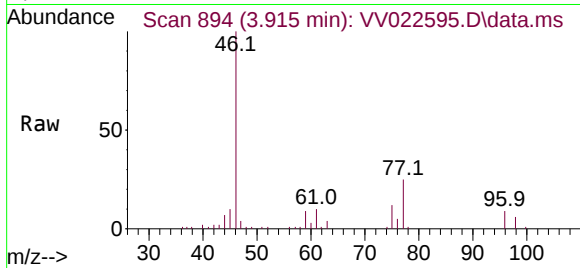




#22
cis-1,2-Dichloroethene
Concen: 0.517 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13

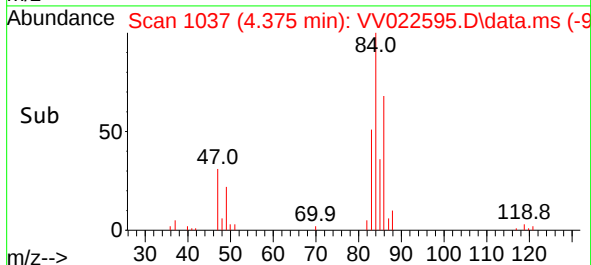
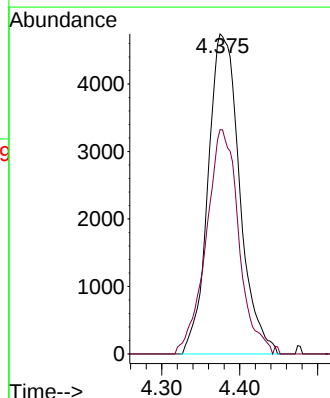
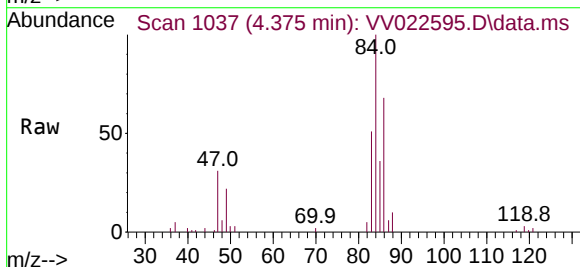
Instrument :
MSVOA_V
ClientSampleId :

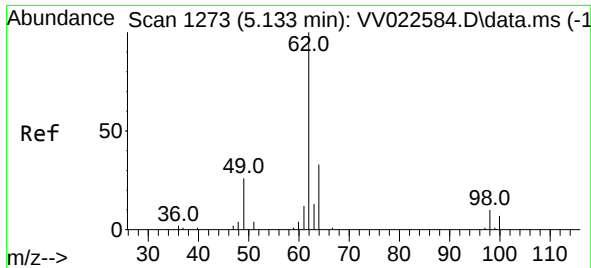
Tgt Ion:	96	Resp:	3891
Ion	Ratio	Lower	Upper
96	100		
61	109.6	85.6	159.0
68	0.0	0.0	0.0



#25
Chloroform
Concen: 0.980 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13

Tgt Ion:	83	Resp:	13322
Ion	Ratio	Lower	Upper
83	100		
85	70.1	45.6	84.8

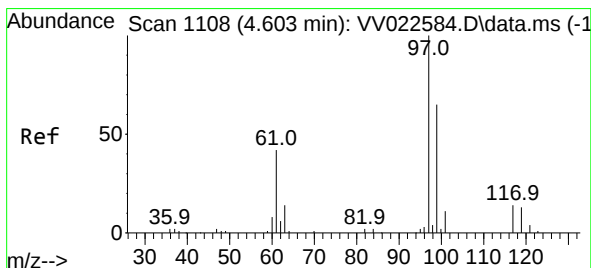
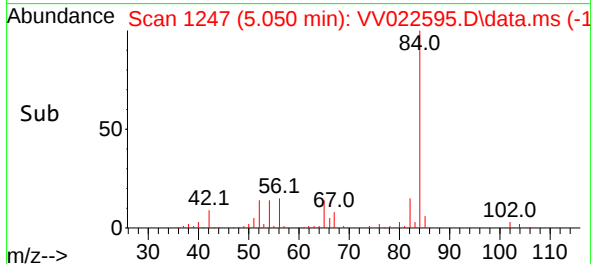
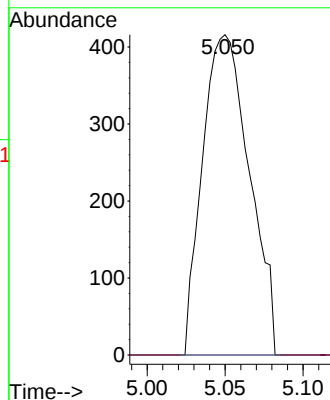
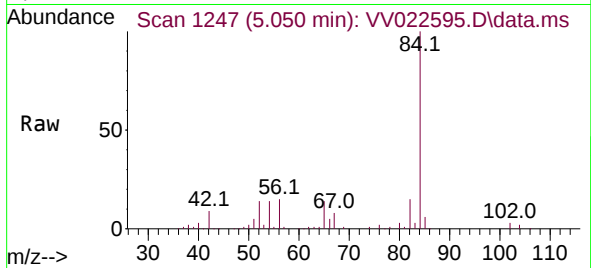




#27
1,2-Dichloroethane
Concen: 0.121 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.084 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13

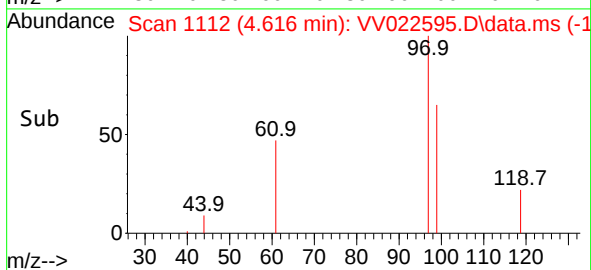
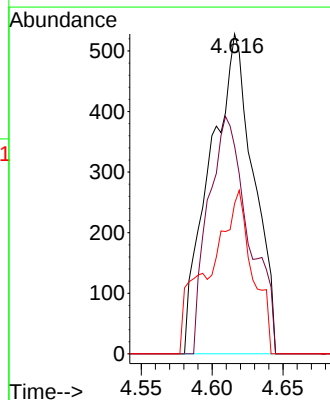
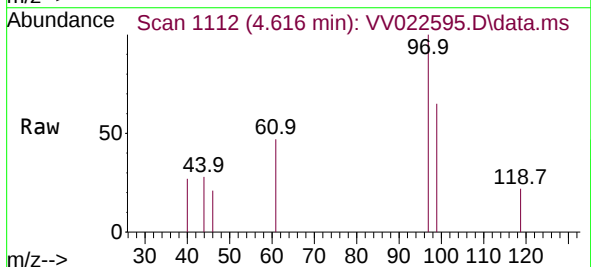
Instrument :
MSVOA_V
ClientSampled :

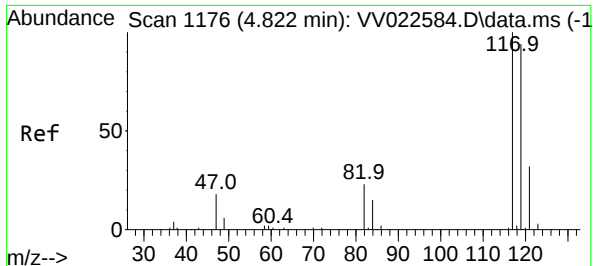
Tgt Ion: 62 Resp: 872
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#



#29
1,1,1-Trichloroethane
Concen: 0.097 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. 0.013 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13

Tgt Ion: 97 Resp: 1132
Ion Ratio Lower Upper
97 100
99 69.1 49.8 74.6
61 50.8 32.5 48.7#

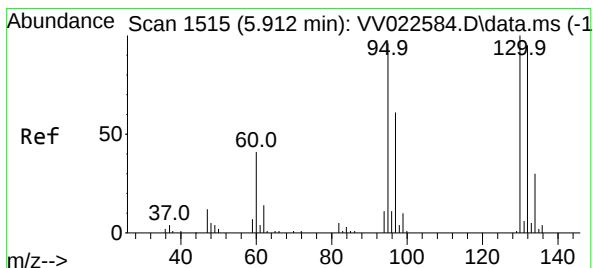
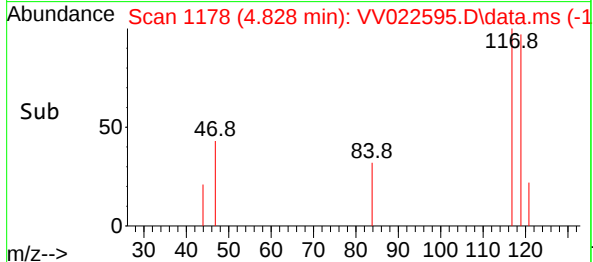
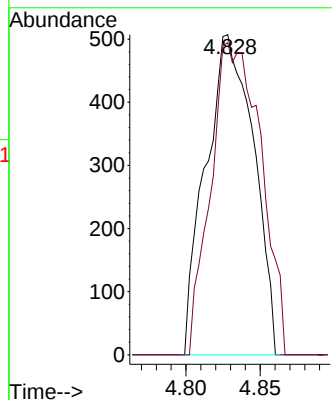
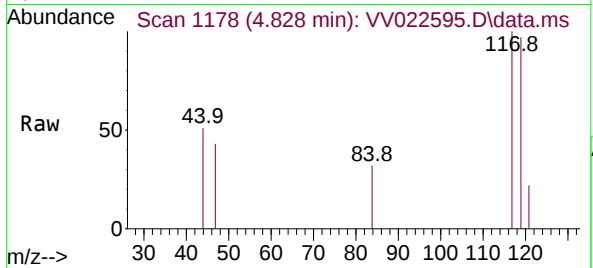




#31
Carbon tetrachloride
Concen: 0.110 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13

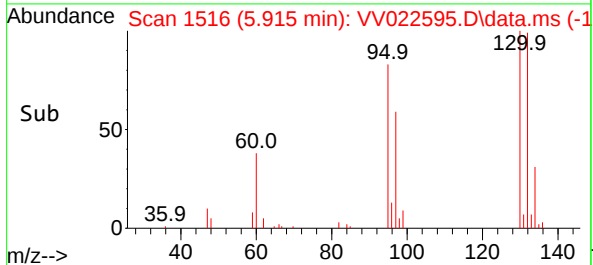
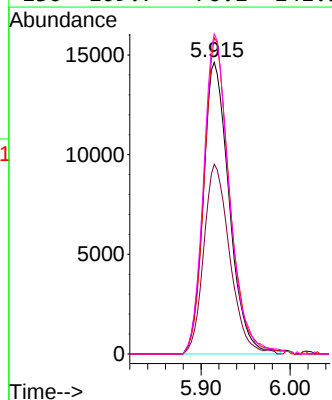
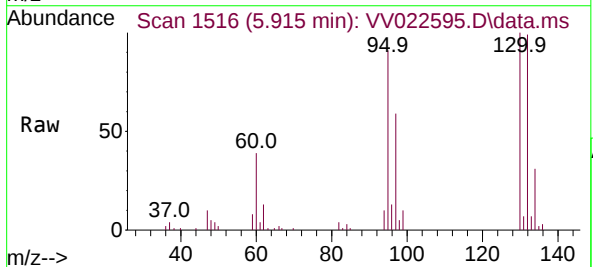
Instrument :
MSVOA_V
ClientSampled :

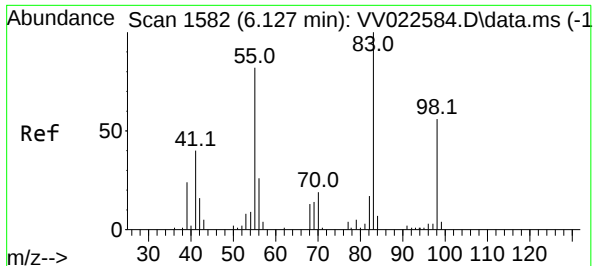
Tgt Ion:117 Resp: 1137
Ion Ratio Lower Upper
117 100
119 101.9 76.9 115.3



#34
Trichloroethene
Concen: 3.693 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13

Tgt Ion: 95 Resp: 29512
Ion Ratio Lower Upper
95 100
97 65.1 46.5 86.5
132 108.4 73.0 135.6
130 109.7 76.1 141.3





#35

Methylcyclohexane

Concen: 0.984 ug/L

RT: 6.072 min Scan# 1565

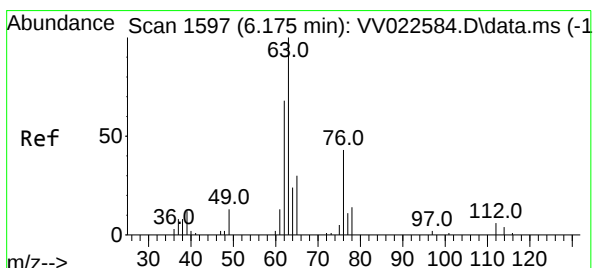
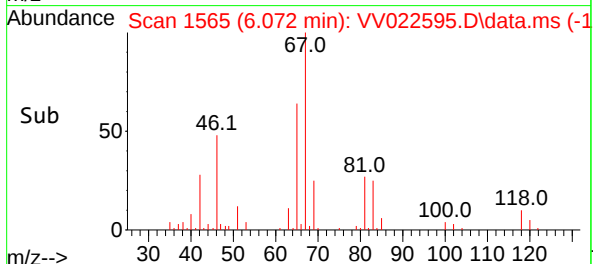
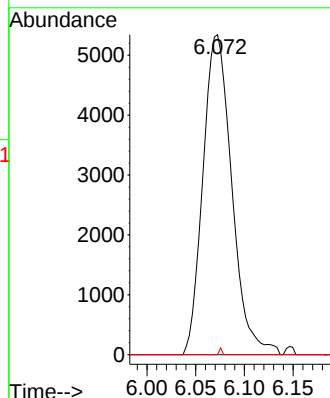
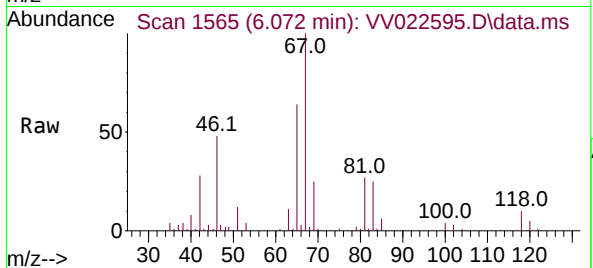
Delta R.T. -0.055 min

Lab File: VV022595.D

Acq: 06 Oct 2021 02:13

Tgt Ion:	83	Resp:	11020
Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.8	86.8#
98	2.2	39.8	59.8#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.664 ug/L

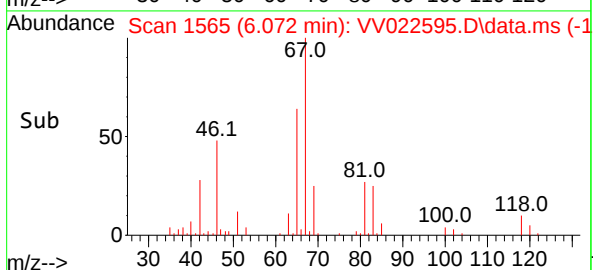
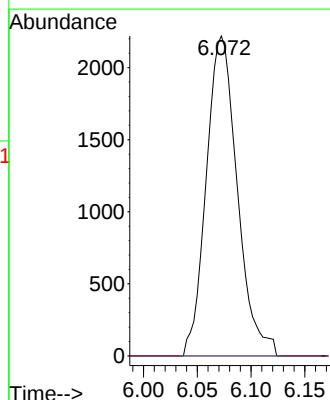
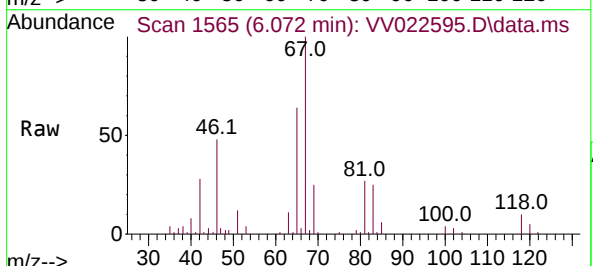
RT: 6.072 min Scan# 1565

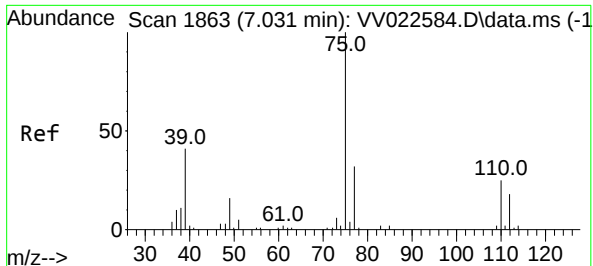
Delta R.T. -0.103 min

Lab File: VV022595.D

Acq: 06 Oct 2021 02:13

Tgt Ion:	63	Resp:	4461
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#

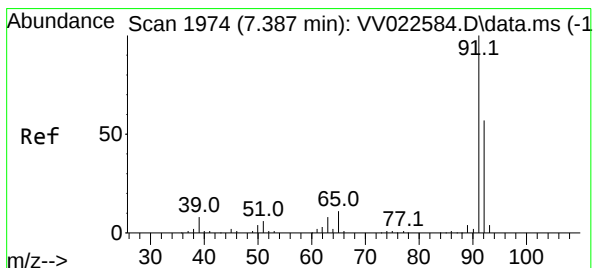
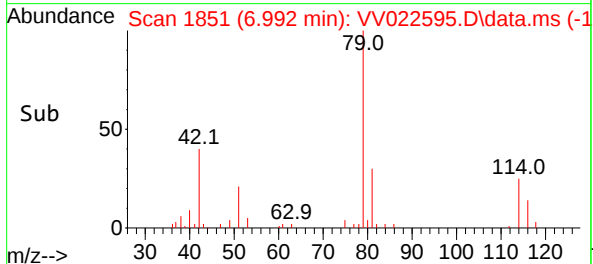
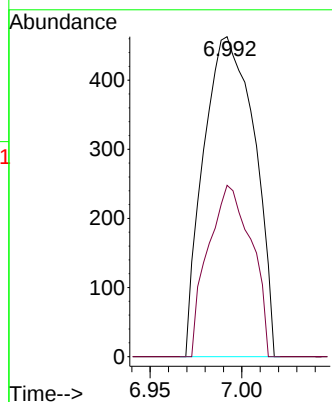
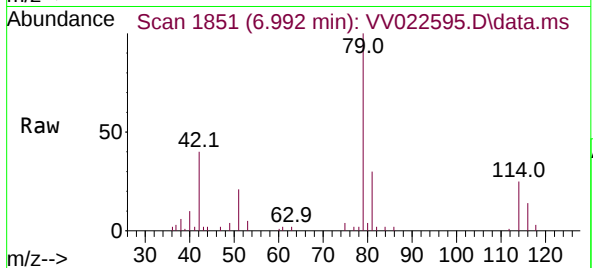




#39
cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.039 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13

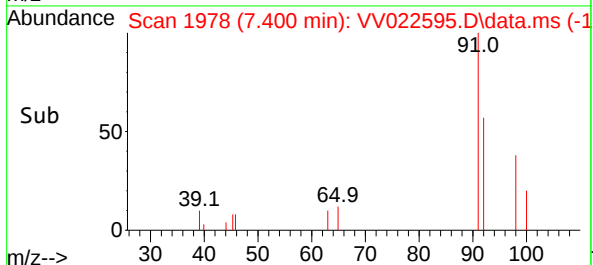
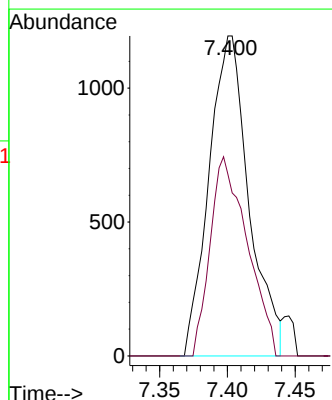
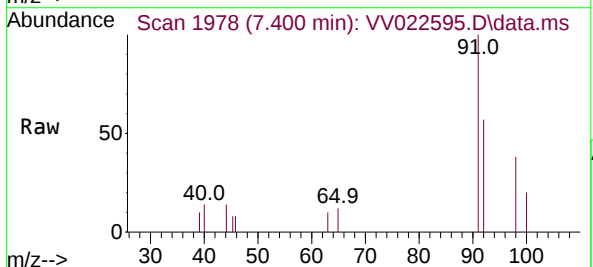
Instrument :
MSVOA_V
ClientSampled :

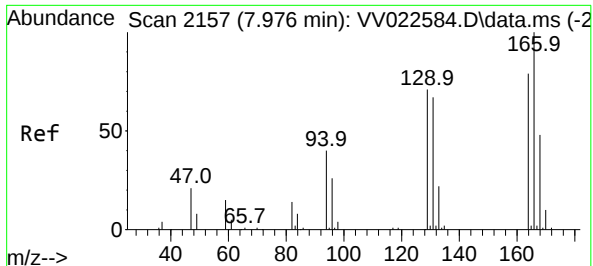
Tgt Ion: 75 Resp: 891
Ion Ratio Lower Upper
75 100
77 53.6 22.4 41.6#



#42
Toluene
Concen: 0.085 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022595.D
Acq: 06 Oct 2021 02:13

Tgt Ion: 91 Resp: 2452
Ion Ratio Lower Upper
91 100
92 56.8 40.5 75.3





#47

Tetrachloroethene

Concen: 2.232 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022595.D

Acq: 06 Oct 2021 02:13

Tgt Ion:164 Resp: 13868

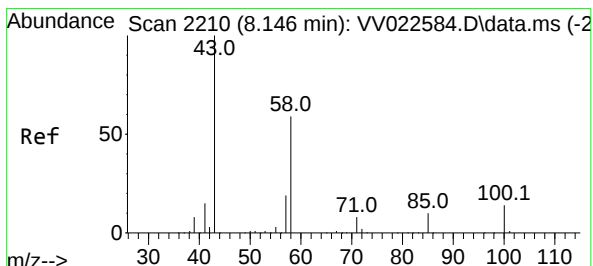
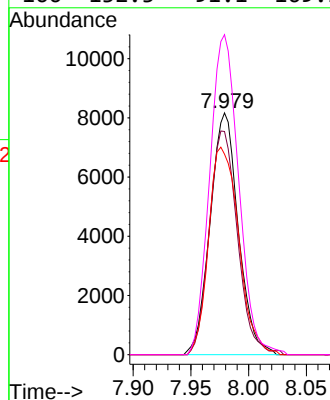
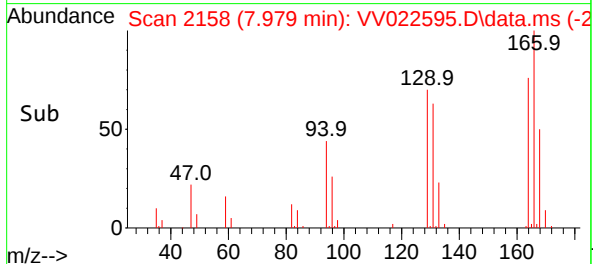
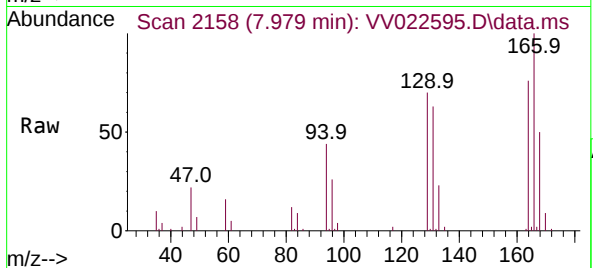
Ion Ratio Lower Upper

164 100

129 92.3 65.5 121.6

131 82.9 62.4 116.0

166 132.3 91.1 169.3



#48

2-Hexanone

Concen: 2.839 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. -0.003 min

Lab File: VV022595.D

Acq: 06 Oct 2021 02:13

Tgt Ion: 43 Resp: 7549

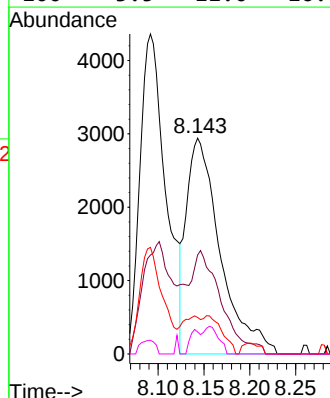
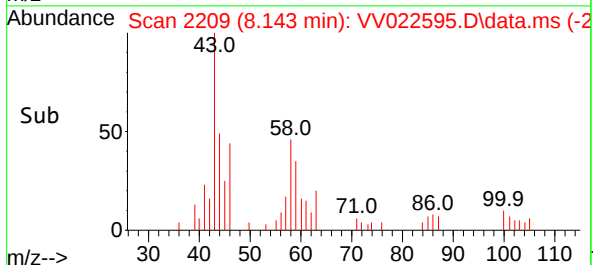
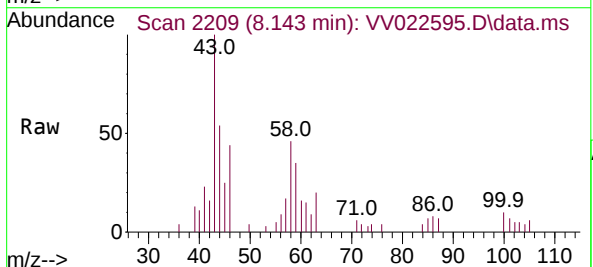
Ion Ratio Lower Upper

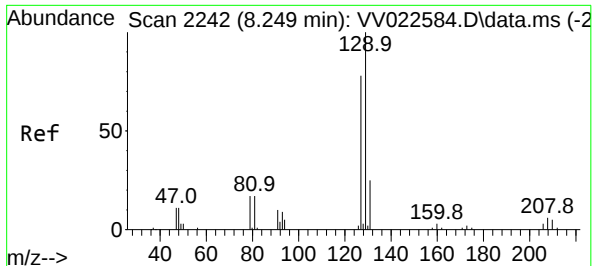
43 100

58 40.4 46.4 69.6#

57 2.8 16.3 24.5#

100 3.5 11.0 16.6#





#49

Dibromochloromethane

Concen: 2.123 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV022595.D

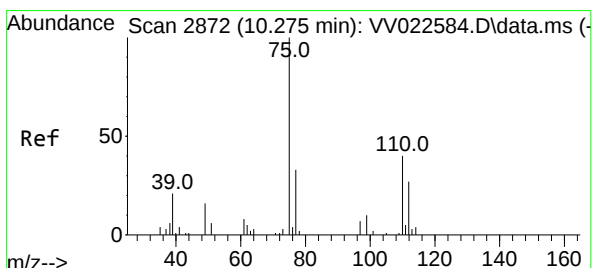
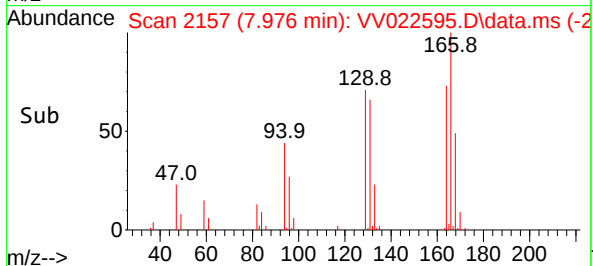
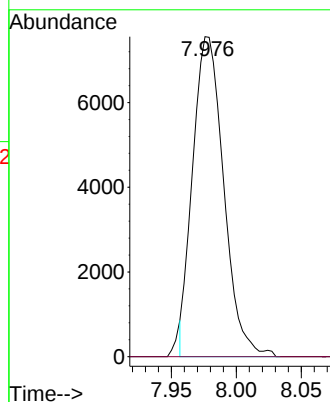
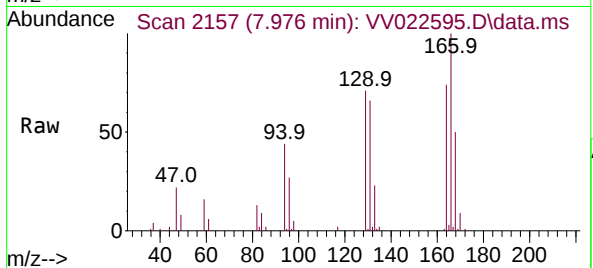
Acq: 06 Oct 2021 02:13

Tgt Ion:129 Resp: 12540

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.6#



#61

1,2,3-Trichloropropane

Concen: 1.428 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022595.D

Acq: 06 Oct 2021 02:13

Tgt Ion: 75 Resp: 4978

Ion Ratio Lower Upper

75 100

77 30.9 26.1 39.1

110 2.5 33.0 49.6#

