

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021393.D
 Acq On : 15 Dec 2021 16:41
 Operator : SY/VA
 Sample : M5101-10
 Misc : 6.61g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL33

Quant Time: Dec 16 00:59:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 16 00:57:02 2021
 Response via : Initial Calibration

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

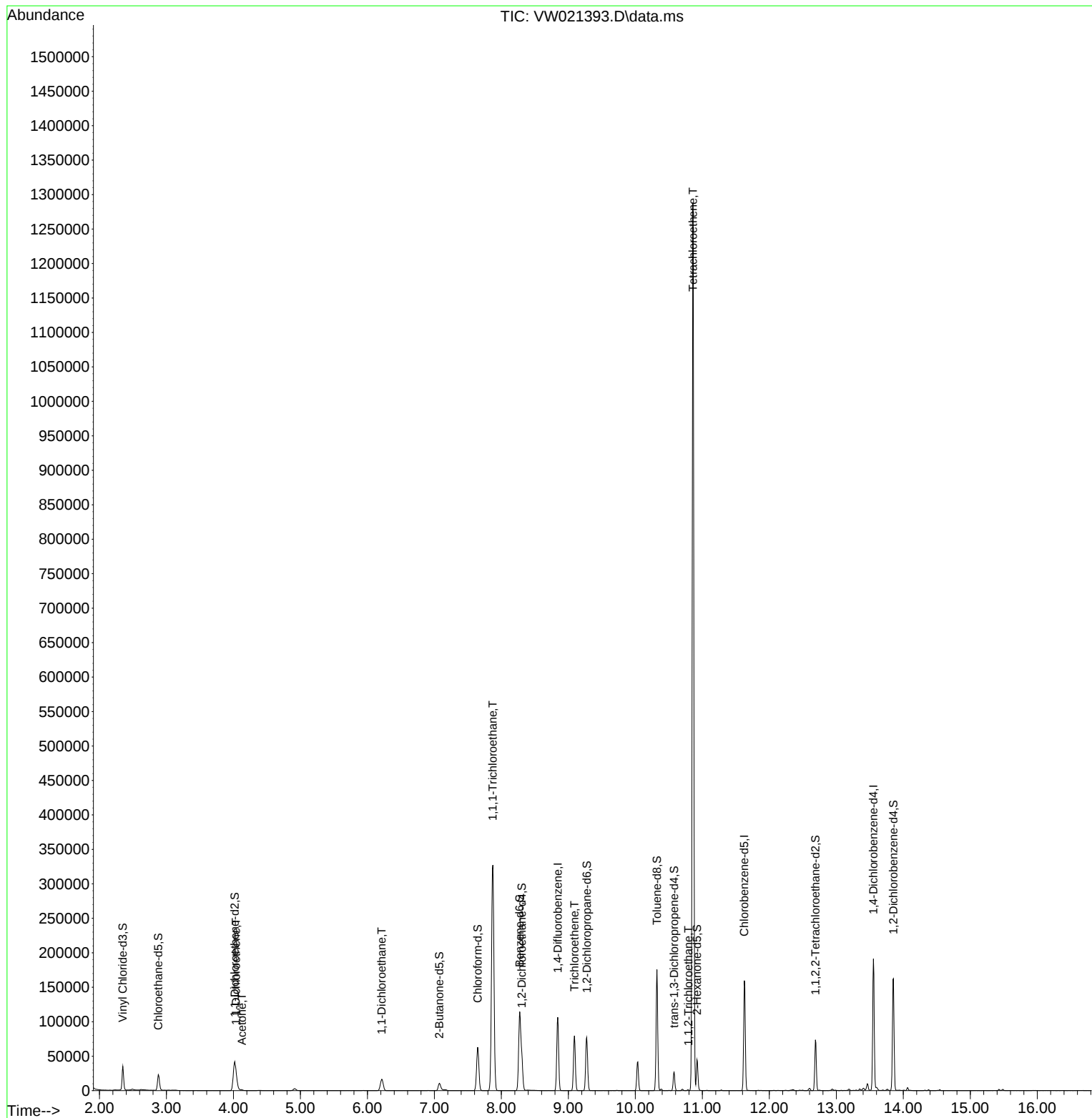
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	91201	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	92692	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	50864	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	32354	19.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.920%
7) Chloroethane-d5	2.879	69	26380	24.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.080%
11) 1,1-Dichloroethene-d2	4.019	63	37581	16.971	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.880%
21) 2-Butanone-d5	7.074	46	17965	76.729	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.460%#
24) Chloroform-d	7.647	84	61955	24.377	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.520%
26) 1,2-Dichloroethane-d4	8.305	65	35797	26.478	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.920%
32) Benzene-d6	8.275	84	114566	22.549	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	9.274	67	33587	24.649	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.600%
41) Toluene-d8	10.323	98	111053	21.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.560%
43) trans-1,3-Dichloroprop...	10.579	79	14547	23.186	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.760%
47) 2-Hexanone-d5	10.920	63	15006	74.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.940%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33086	28.246	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	44530	22.590	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.360%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.037	96	8234	7.284	ug/L	# 39
13) Acetone	4.129	43	2035	9.695	ug/L	97
19) 1,1-Dichloroethane	6.214	63	23229	12.094	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	267657	128.697	ug/L	94
34) Trichloroethene	9.091	95	25031	17.659	ug/L	88
45) 1,1,2-Trichloroethane	10.792	97	523	0.567	ug/L	# 61
46) Tetrachloroethene	10.859	164	285284	211.868	ug/L	92

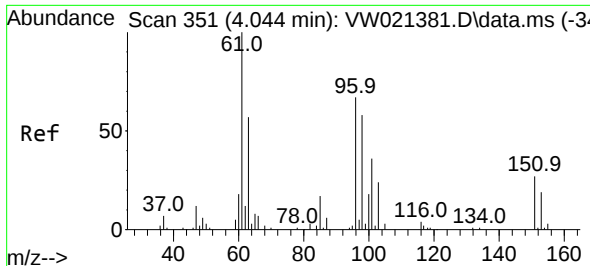
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
Data File : VW021393.D
Acq On : 15 Dec 2021 16:41
Operator : SY/VA
Sample : M5101-10
Misc : 6.61g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL33

Quant Time: Dec 16 00:59:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 16 00:57:02 2021
Response via : Initial Calibration

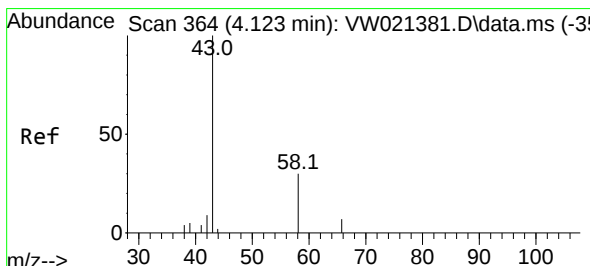
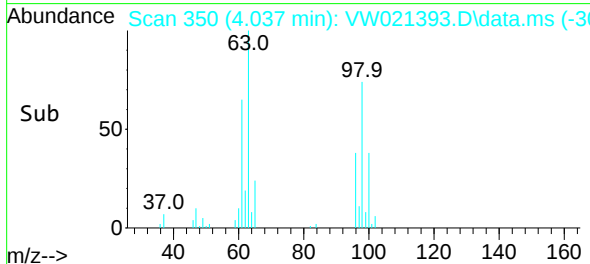
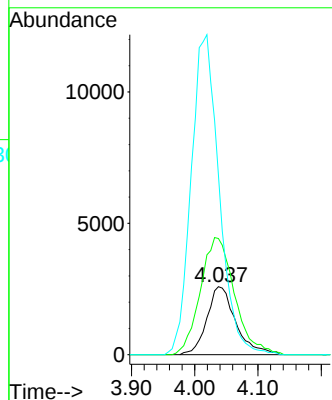
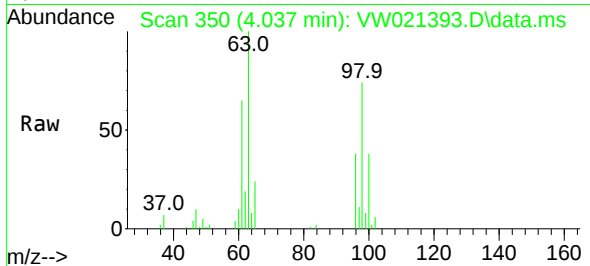




#12
1,1-Dichloroethene
Concen: 7.284 ug/L
RT: 4.037 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW021393.D
Acq: 15 Dec 2021 16:41

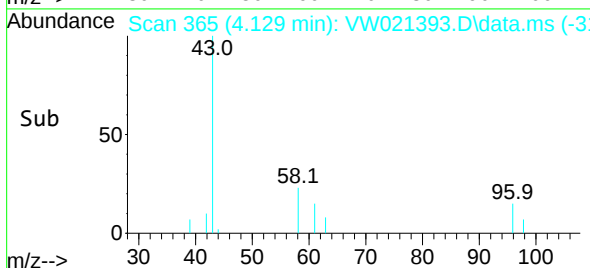
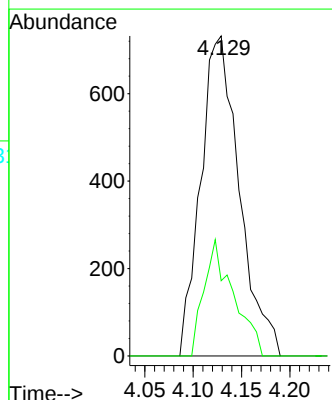
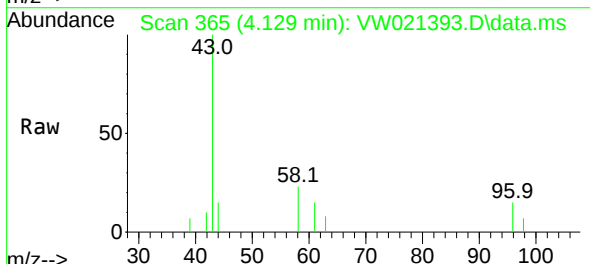
Instrument :
MSVOA_W
ClientSampleId :
BGL33

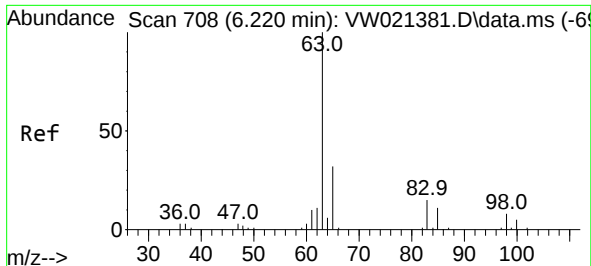
Tgt Ion: 96 Resp: 8234
Ion Ratio Lower Upper
96 100
61 170.7 138.3 256.9
63 263.8 82.6 153.4#



#13
Acetone
Concen: 9.695 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW021393.D
Acq: 15 Dec 2021 16:41

Tgt Ion: 43 Resp: 2035
Ion Ratio Lower Upper
43 100
58 27.7 0.0 52.8





#19

1,1-Dichloroethane

Concen: 12.094 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021393.D

Acq: 15 Dec 2021 16:41

Instrument :

MSVOA_W

ClientSampleId :

BGL33

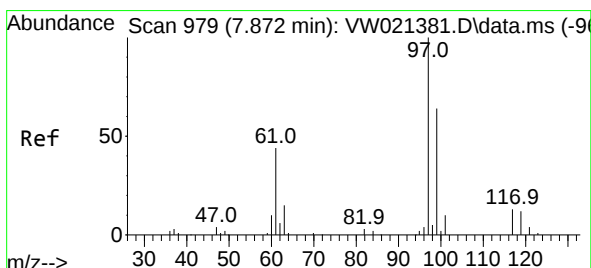
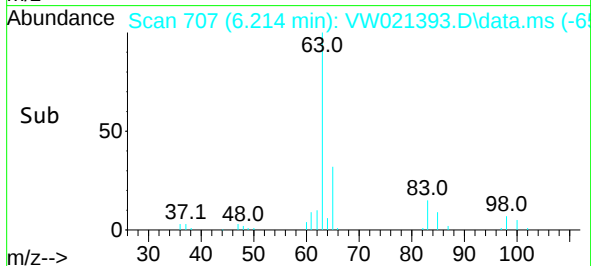
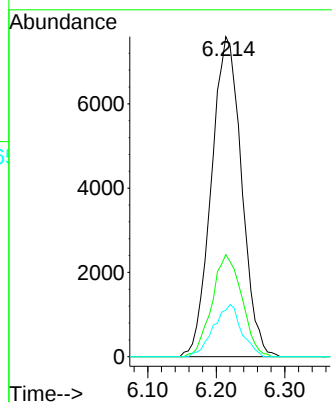
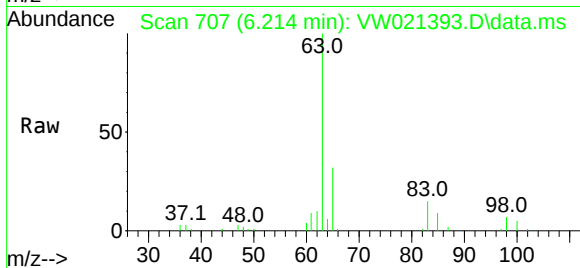
Tgt Ion: 63 Resp: 23229

Ion Ratio Lower Upper

63 100

65 31.9 22.1 41.1

83 14.6 9.2 17.2



#30

1,1,1-Trichloroethane

Concen: 128.697 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021393.D

Acq: 15 Dec 2021 16:41

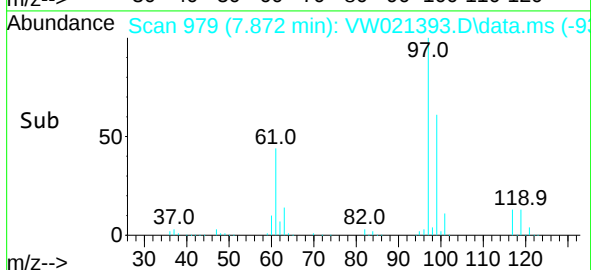
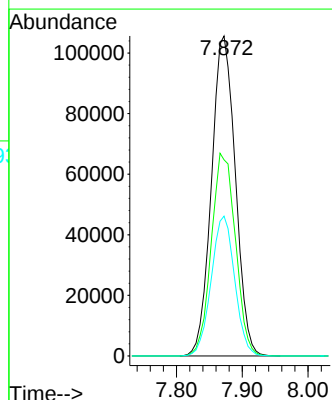
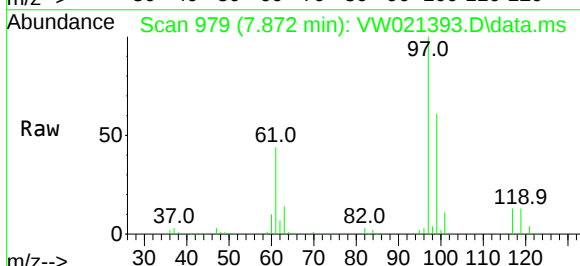
Tgt Ion: 97 Resp: 267657

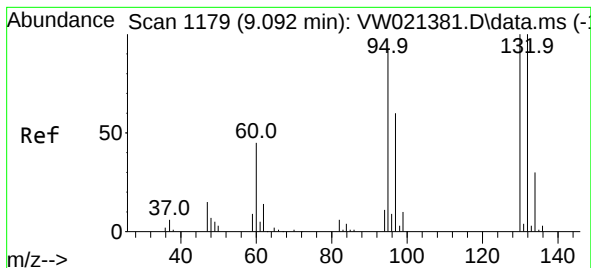
Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 42.8 40.9 61.3





#34

Trichloroethene

Concen: 17.659 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021393.D

Acq: 15 Dec 2021 16:41

Instrument :

MSVOA_W

ClientSampleId :

BGL33

Tgt Ion: 95 Resp: 25031

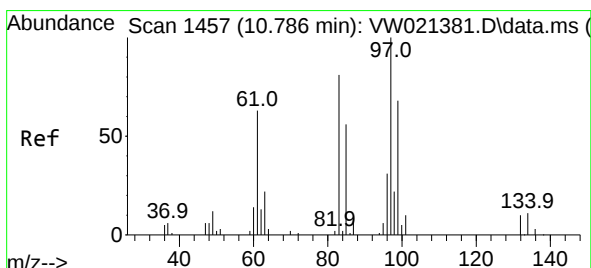
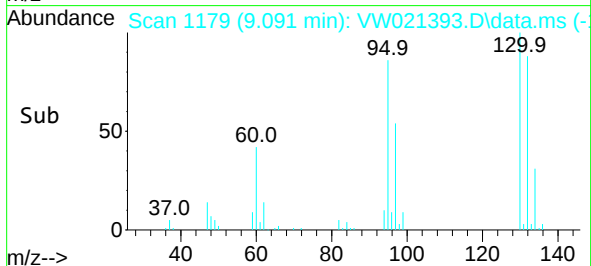
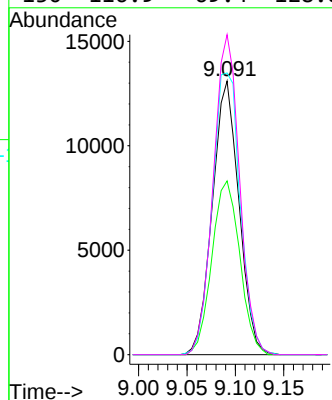
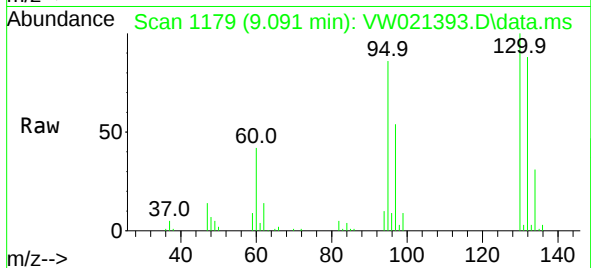
Ion Ratio Lower Upper

95 100

97 63.5 47.0 87.2

132 103.0 65.5 121.6

130 116.9 69.4 128.8



#45

1,1,2-Trichloroethane

Concen: 0.567 ug/L

RT: 10.792 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VW021393.D

Acq: 15 Dec 2021 16:41

Tgt Ion: 97 Resp: 523

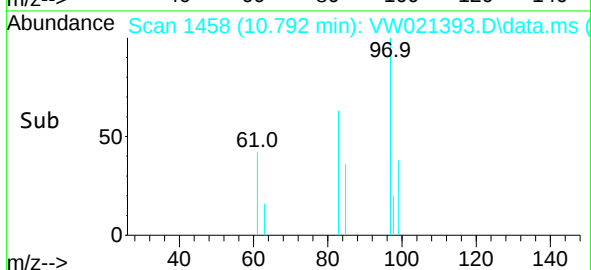
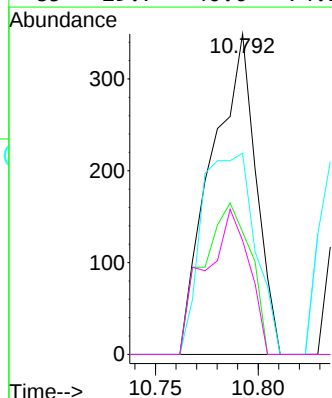
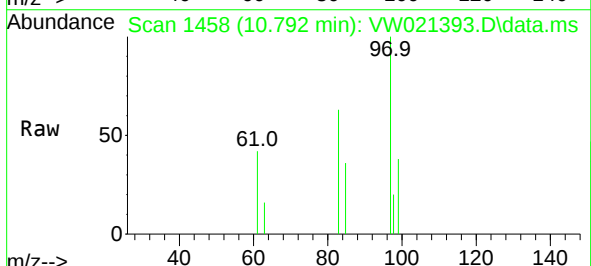
Ion Ratio Lower Upper

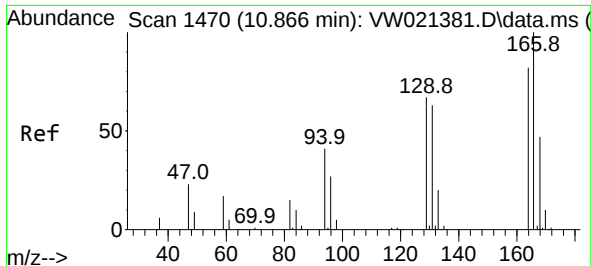
97 100

99 31.8 43.0 79.8#

83 52.4 62.6 116.3#

85 29.7 40.0 74.2#





#46

Tetrachloroethene

Concen: 211.868 ug/L

RT: 10.859 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW021393.D

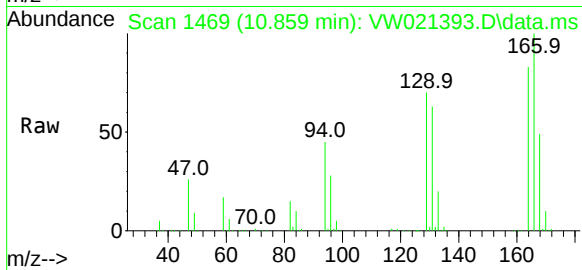
Acq: 15 Dec 2021 16:41

Instrument :

MSVOA_W

ClientSampleId :

BGL33



Tgt Ion:164 Resp: 285284

Ion Ratio Lower Upper

164 100

129 84.3 65.5 121.7

131 75.9 59.7 110.9

166 120.9 88.7 164.7

