

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112519\
 Data File : VV013758.D
 Acq On : 25 Nov 2019 12:11
 Operator : SY/MD
 Sample : K5941-17DL 4X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AD1DL

Quant Time: Nov 26 05:34:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 04:36:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	379791	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	369533	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	169831	5.00	ug/L	0.00

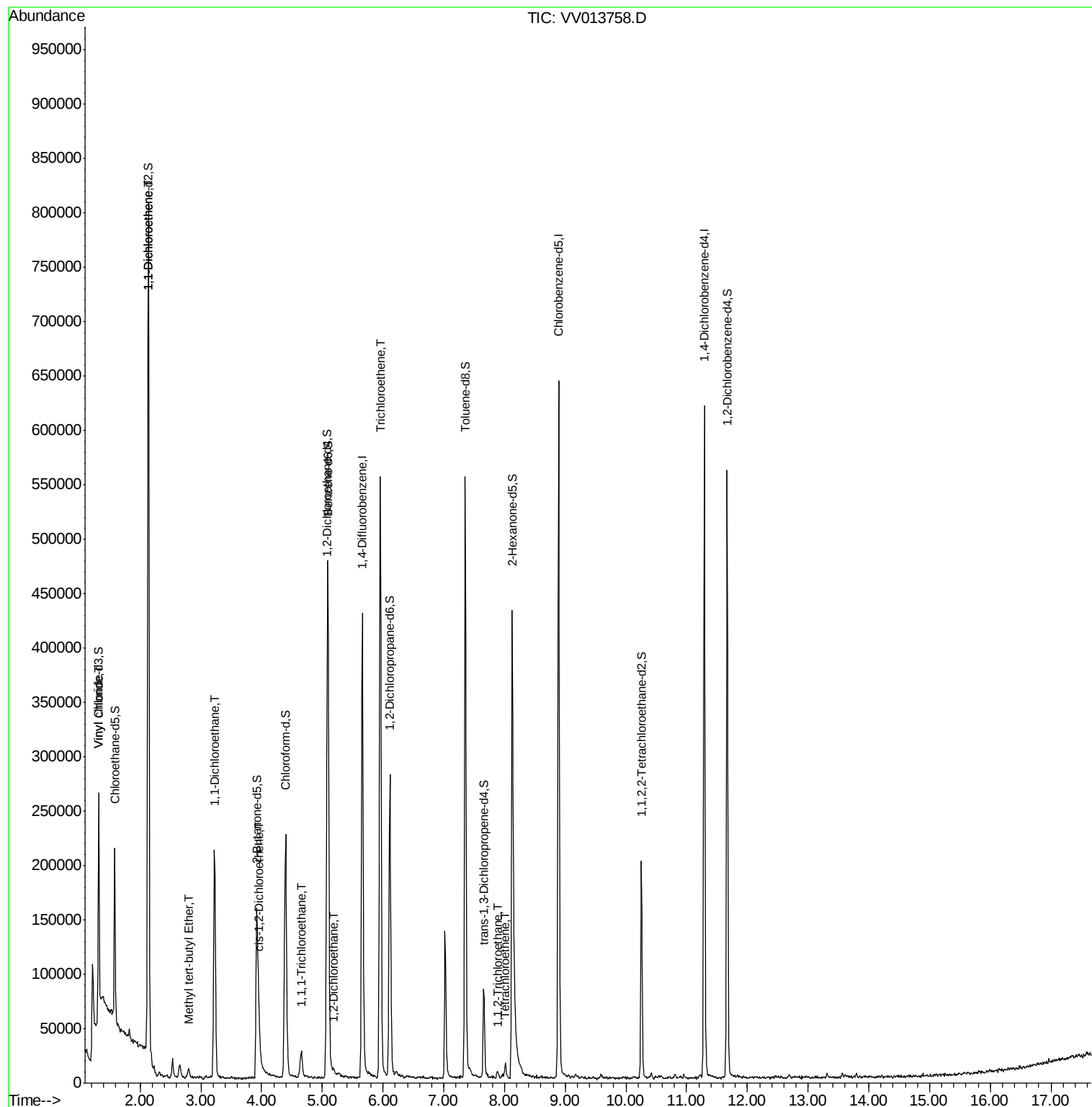
System Monitoring Compounds

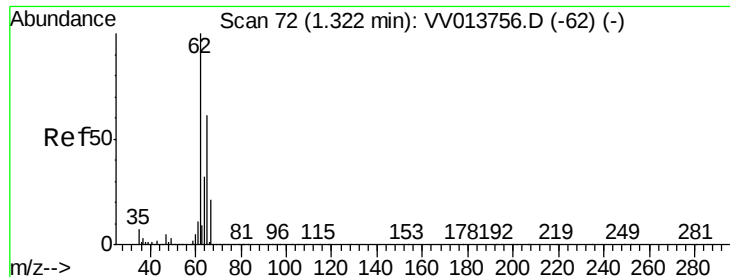
4) Vinyl Chloride-d3	1.32	65	107236	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	97741	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.13	63	241713	6.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	122.20%
20) 2-Butanone-d5	3.92	46	238745	48.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.72%
24) Chloroform-d	4.39	84	222201	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.07	65	109633	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.09	84	428724	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.11	67	134600	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.35	98	371375	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.66	79	46896	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.13	63	171734	42.10	ug/L	

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.635 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV013758.D

Acq: 25 Nov 2019 12:11

Instrument :

MSVOA_V

ClientSampleID :

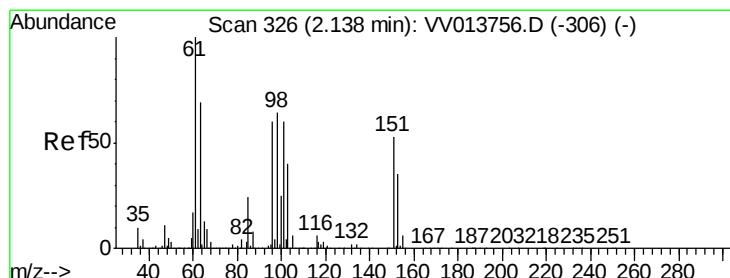
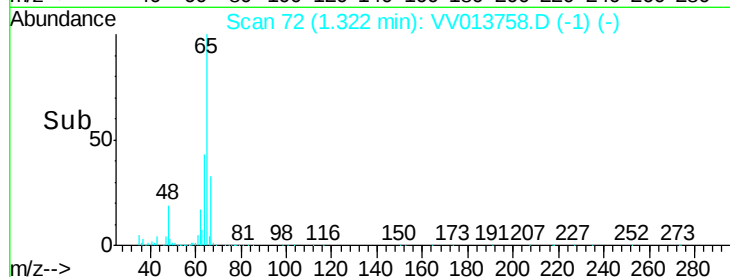
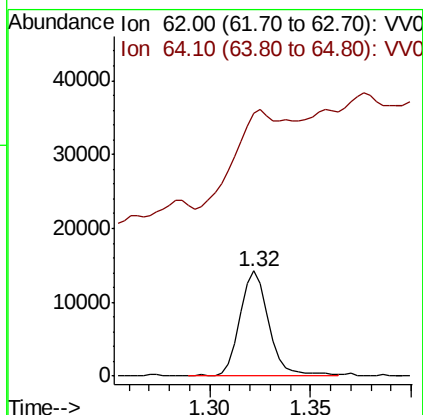
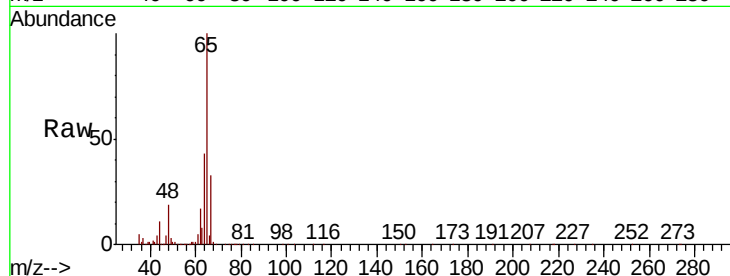
B0AD1DL

Tot Ion: 62 Resp: 14414

Ion Ratio Lower Upper

62 100

64 250.2 23.3 43.3#



#12

1,1-Dichloroethene

Concen: 10.481 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013758.D

Acq: 25 Nov 2019 12:11

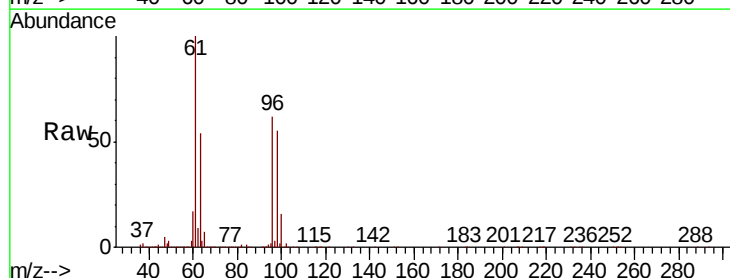
Tgt Ion: 96 Resp: 191388

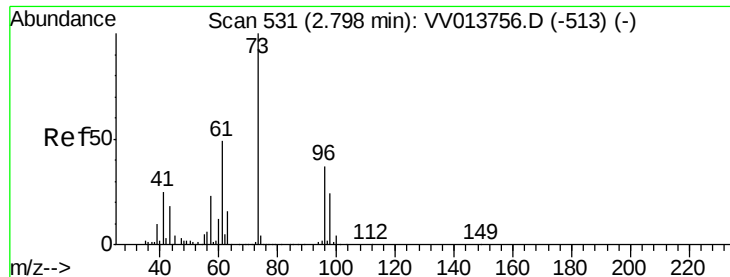
Ion Ratio Lower Upper

96 100

61 161.0 116.3 215.9

63 87.4 96.7 179.7#



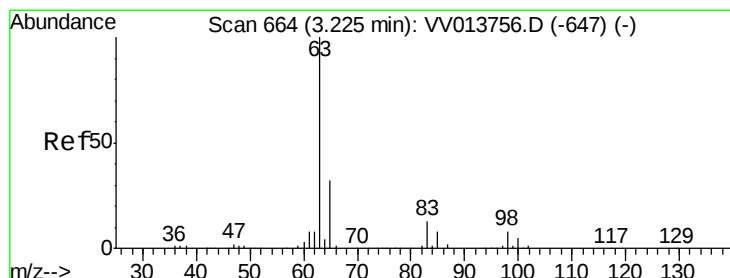
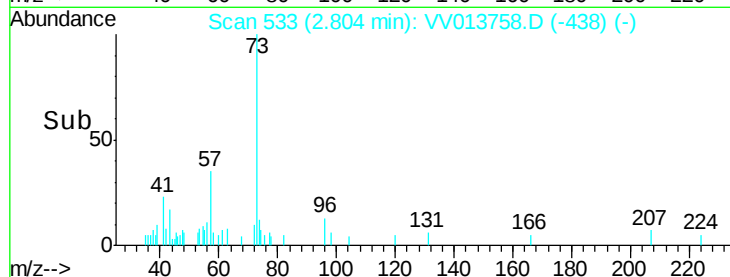
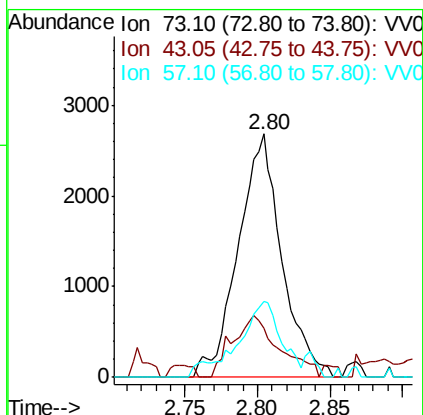
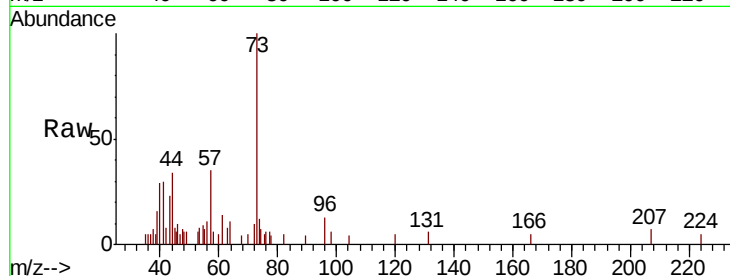


#17

Methvl tert-butvl Ether
 Concen: 0.112 ug/L
 RT: 2.80 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VV013758.D
 Acq: 25 Nov 2019 12:11

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AD1DL

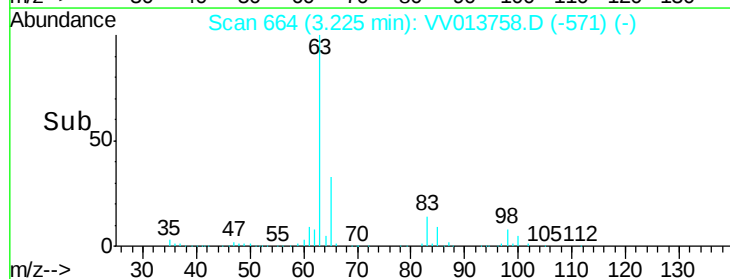
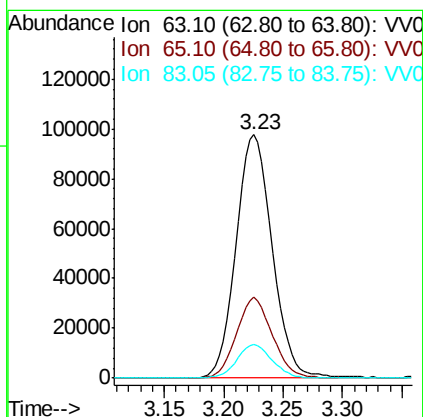
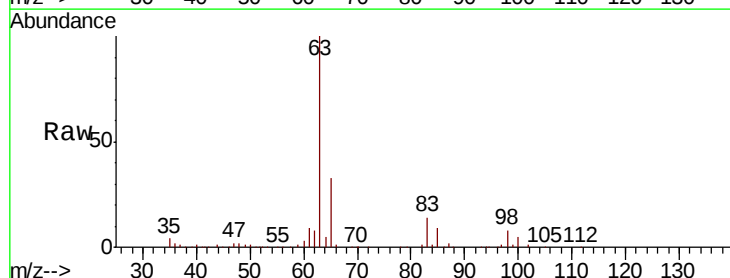
Tot Ion: 73 Resp: 5614
 Ion Ratio Lower Upper
 73 100
 43 26.8 15.5 23.3#
 57 31.0 17.5 26.3#

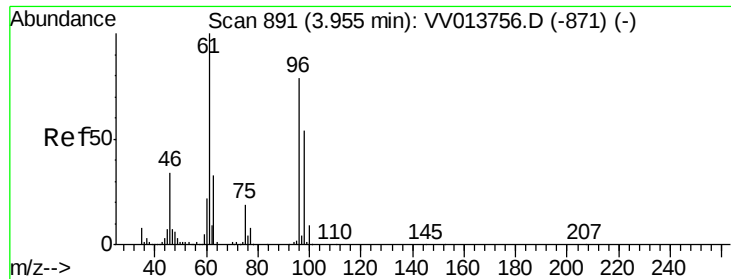


#19

1,1-Dichloroethane
 Concen: 5.001 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: VV013758.D
 Acq: 25 Nov 2019 12:11

Tgt Ion: 63 Resp: 205879
 Ion Ratio Lower Upper
 63 100
 65 33.2 22.7 42.1
 83 13.6 9.2 17.2



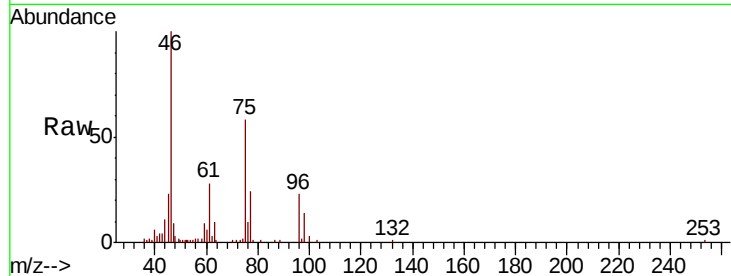


#22

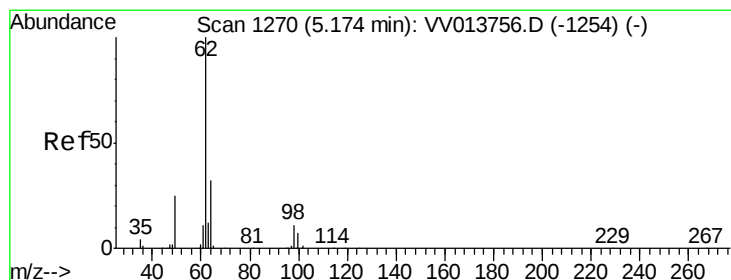
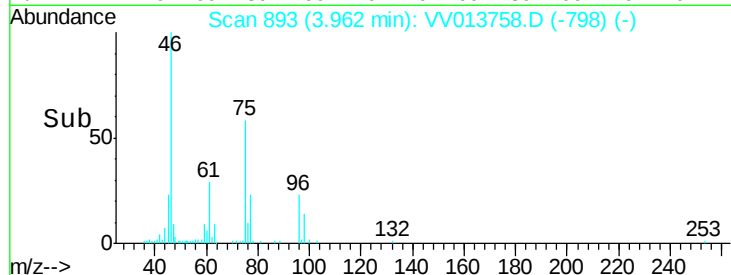
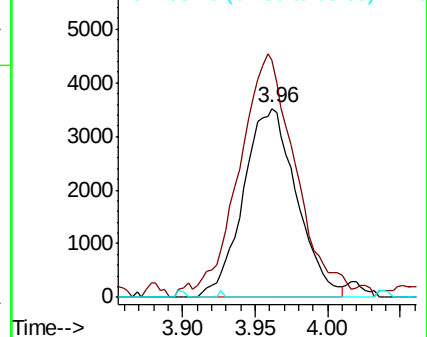
cis-1,2-Dichloroethene
 Concen: 0.373 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VV013758.D
 Acq: 25 Nov 2019 12:11

Instrument :
 MSVOA_V
 ClientSampleID :
 B0AD1DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.5	86.1	159.9
68	0.0	0.0	0.0



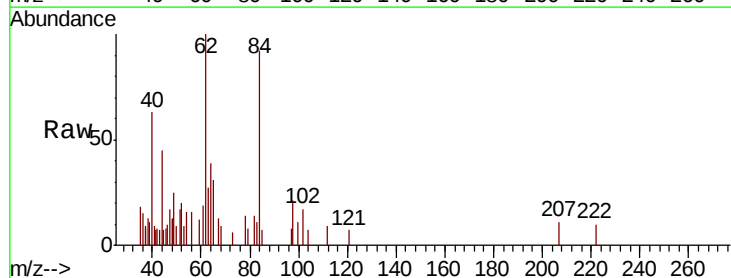
Abundance Ion 96.00 (95.70 to 96.70): VV013758.D (-798) (-)
 Ion 61.05 (60.75 to 61.75): VV013758.D (-798) (-)
 Ion 68.15 (67.85 to 68.85): VV013758.D (-798) (-)



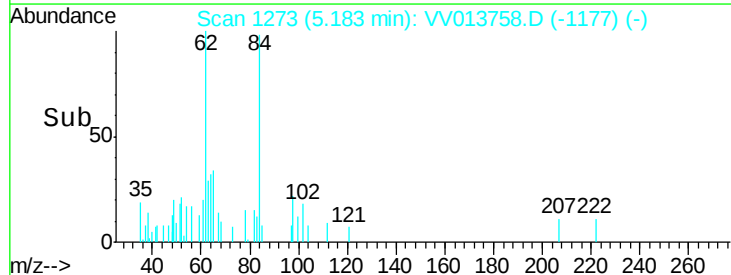
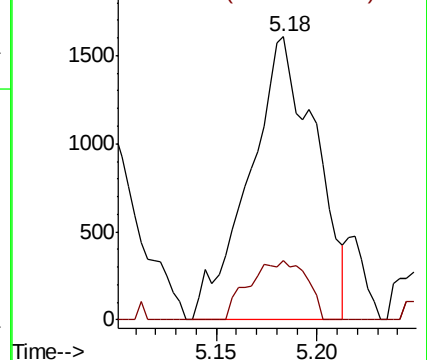
#27

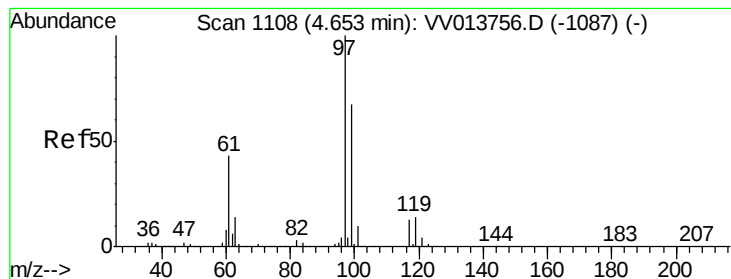
1,2-Dichloroethane
 Concen: 0.147 ug/L
 RT: 5.18 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: VV013758.D
 Acq: 25 Nov 2019 12:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	20.9	8.2	12.2#



Abundance Ion 62.00 (61.70 to 62.70): VV013758.D (-1177) (-)
 Ion 98.05 (97.75 to 98.75): VV013758.D (-1177) (-)





#29

1,1,1-Trichloroethane

Concen: 0.491 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV013758.D

Acq: 25 Nov 2019 12:11

Instrument :

MSVOA_V

ClientSampled :

B0AD1DL

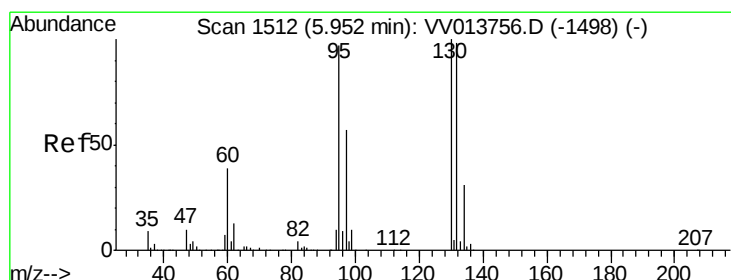
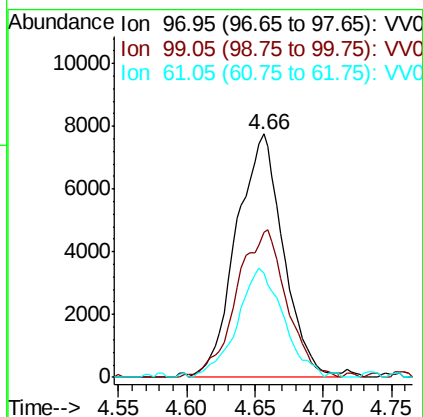
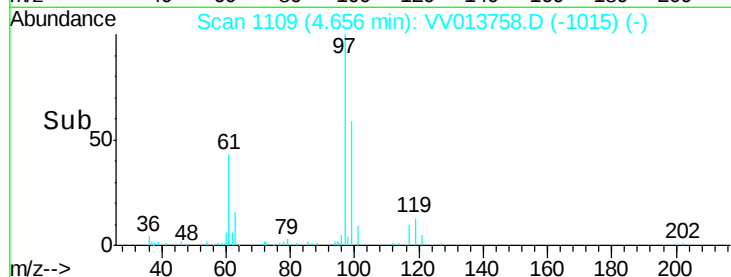
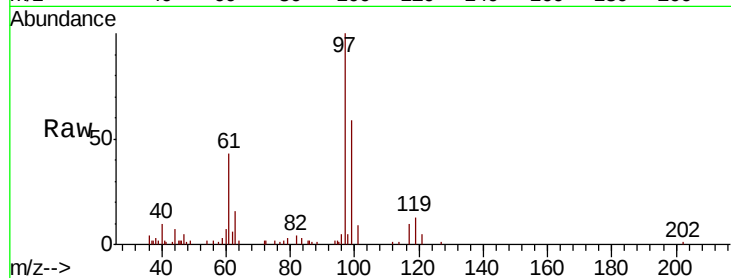
Tot Ion: 97 Resp: 18562

Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 43.8 35.0 52.6



#34

Trichloroethene

Concen: 7.665 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013758.D

Acq: 25 Nov 2019 12:11

Tgt Ion: 95 Resp: 191662

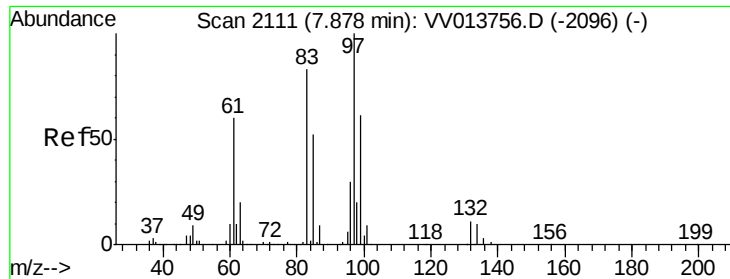
Ion Ratio Lower Upper

95 100

97 61.3 45.6 84.8

132 104.3 70.5 130.9

130 108.4 75



#45

1,1,2-Trichloroethane

Concen: 0.120 ug/L

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VV013758.D

Acq: 25 Nov 2019 12:11

Instrument :

MSVOA_V

ClientSampleId :

B0AD1DL

Tot Ion: 97 Resp: 1998

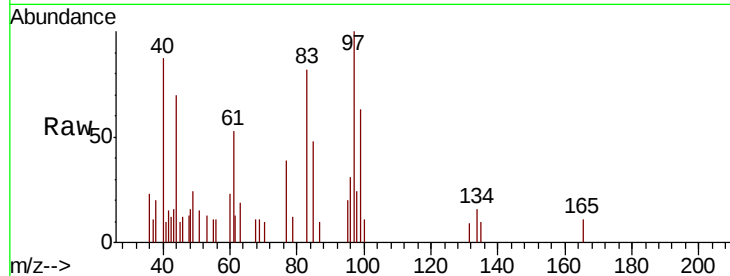
Ion Ratio Lower Upper

97 100

99 63.3 44.2 82.0

83 82.3 59.7 110.9

85 48.1 38.3 71.1

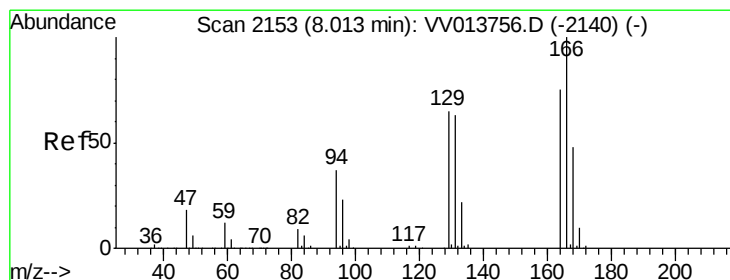
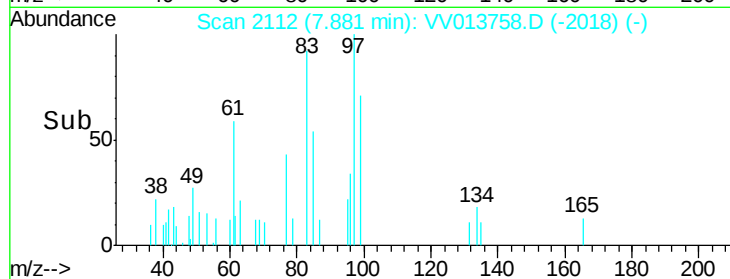
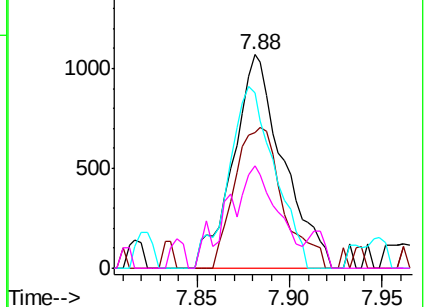


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 0.154 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013758.D

Acq: 25 Nov 2019 12:11

Tgt Ion: 164 Resp: 3347

Ion Ratio Lower Upper

164 100

129 98.5 60.3 112.1

131 76.0 59.9 111.3

166 154.3 89.1 165.5

