

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013879.D
 Acq On : 02 Dec 2019 18:26
 Operator : SY/MD
 Sample : K6083-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 03 03:06:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	680928	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	647085	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	269867	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	191498	48.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.26%
7) Chloroethane-d5	1.57	69	200874	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.74%
11) 1,1-Dichloroethene-d2	2.13	63	315745	36.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.52%
21) 2-Butanone-d5	3.92	46	288986	104.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.25%
24) Chloroform-d	4.39	84	391665	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
26) 1,2-Dichloroethane-d4	5.07	65	258314	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
32) Benzene-d6	5.09	84	827996	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
36) 1,2-Dichloropropane-d6	6.11	67	251786	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.06%
41) Toluene-d8	7.35	98	714905	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%
43) trans-1,3-Dichloropropene-	7.66	79	107765	44.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.00%
47) 2-Hexanone-d5	8.13	63	200968	106.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.93%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	316146	43.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.76%
64) 1,2-Dichlorobenzene-d4	11.67	152	287832	54.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.62%

Target Compounds

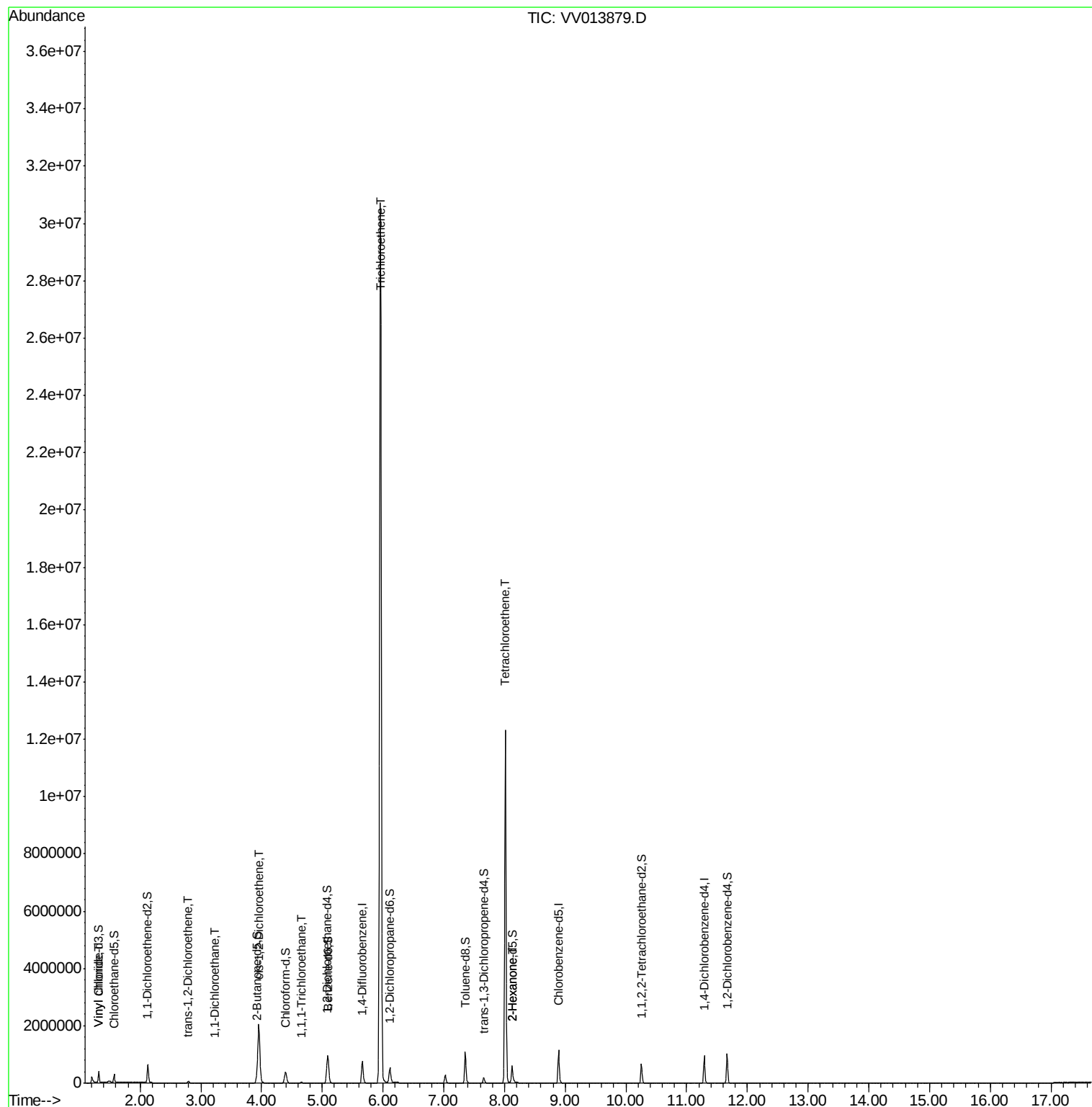
					Ovalue
5) Vinyl chloride	1.32	62	50853	8.796	ug/L # 73
17) trans-1,2-Dichloroethene	2.79	96	22898	4.732	ug/L 96
19) 1,1-Dichloroethane	3.23	63	9093	1.043	ug/L # 89
20) cis-1,2-Dichloroethene	3.96	96	1129411	215.542	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	12251	1.568	ug/L # 85
34) Trichloroethene	5.96	95	10211263	1975.696	ug/L 99
46) Tetrachloroethene	8.02	164	2933184	628.920	ug/L 97
48) 2-Hexanone	8.13	43	24011	4.949	ug/L # 73

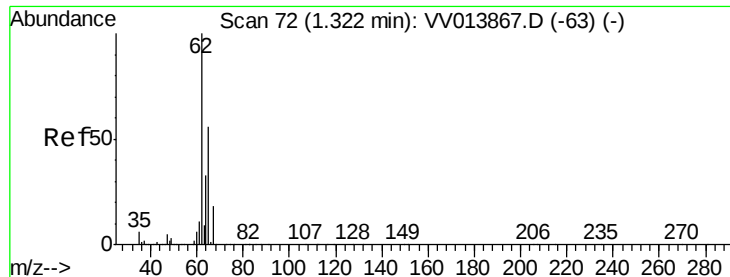
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV120219\
Data File : VV013879.D
Acq On : 02 Dec 2019 18:26
Operator : SY/MD
Sample : K6083-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 03 03:06:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 03 02:59:26 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.796 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV013879.D

Acq: 02 Dec 2019 18:26

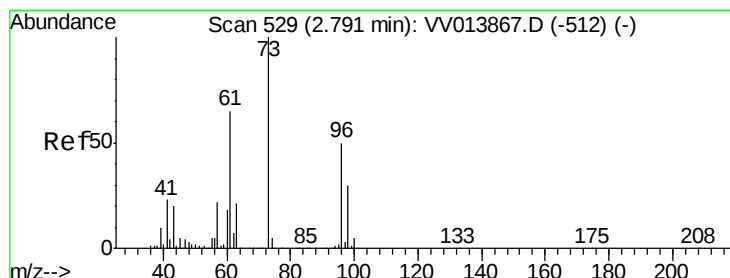
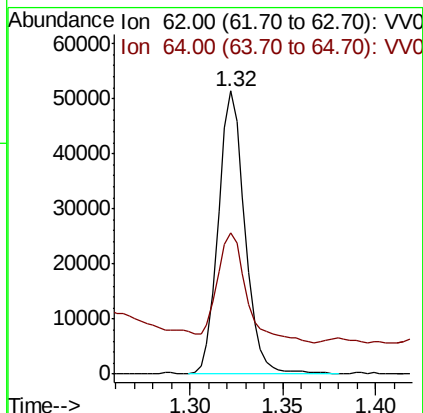
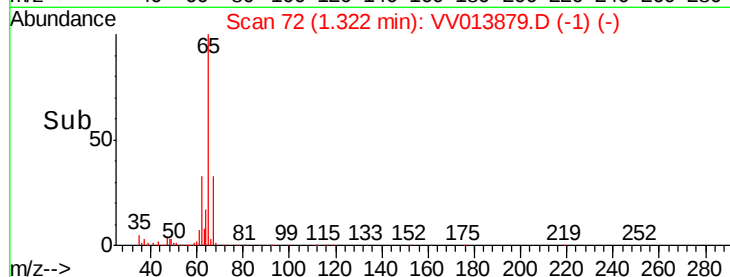
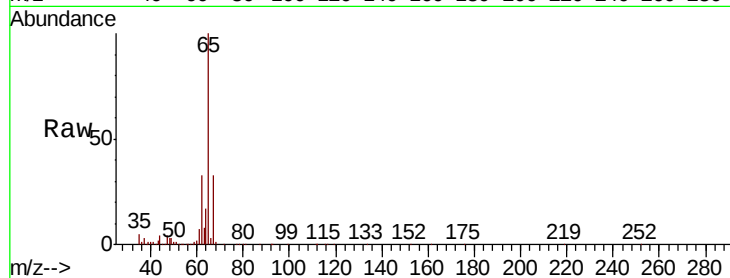
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 50853

Ion Ratio Lower Upper

62 100

64 50.1 24.1 44.8#



#17

trans-1,2-Dichloroethene

Concen: 4.732 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV013879.D

Acq: 02 Dec 2019 18:26

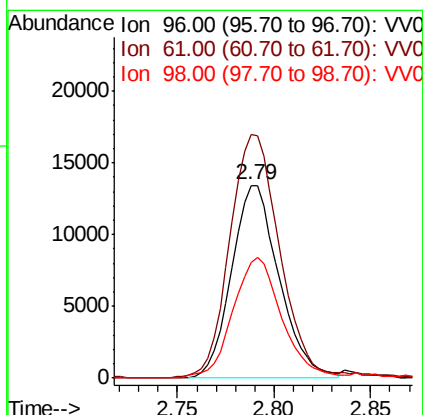
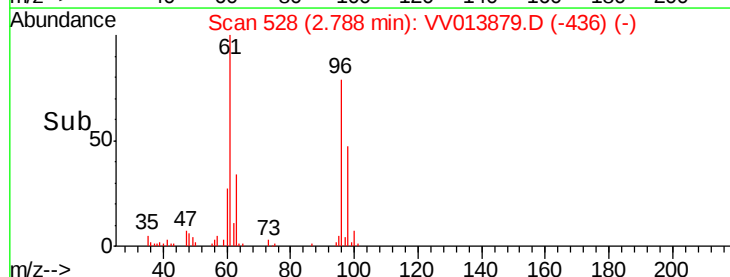
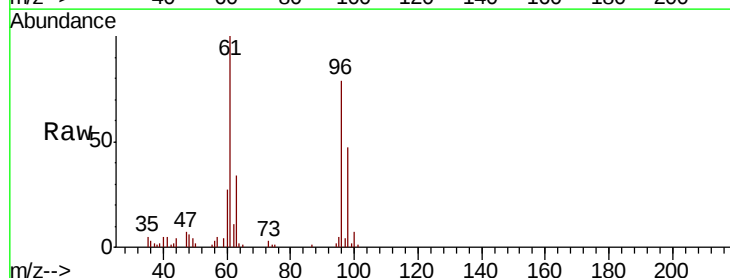
Tgt Ion: 96 Resp: 22898

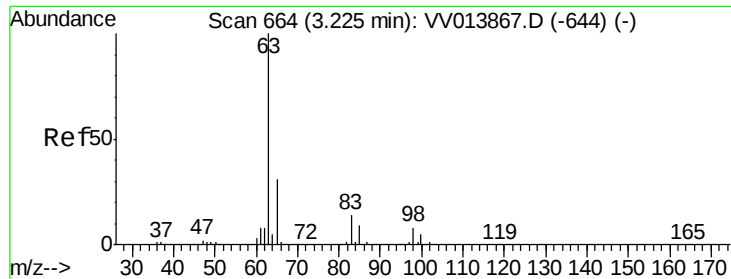
Ion Ratio Lower Upper

96 100

61 126.4 92.2 171.2

98 59.8 42.6 79.2

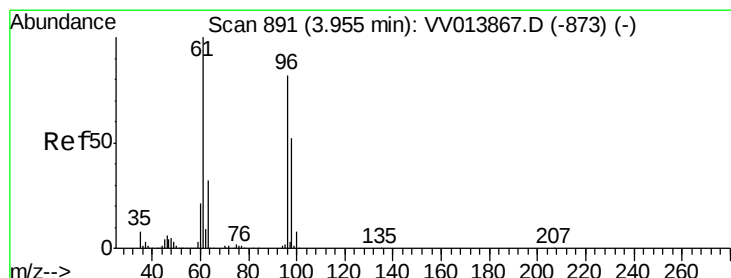
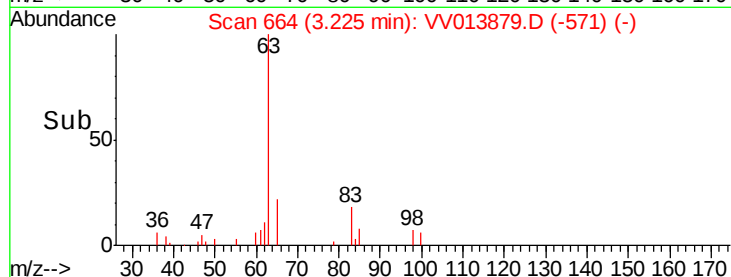
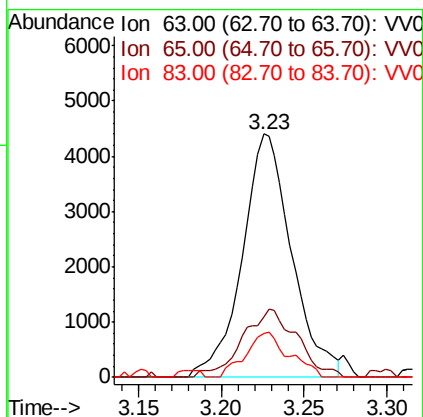
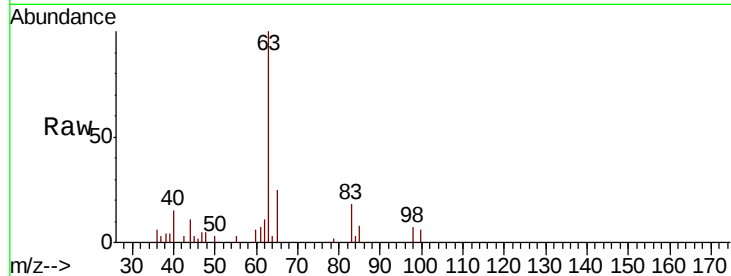




#19
 1,1-Dichloroethane
 Concen: 1.043 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: VV013879.D
 Acq: 02 Dec 2019 18:26

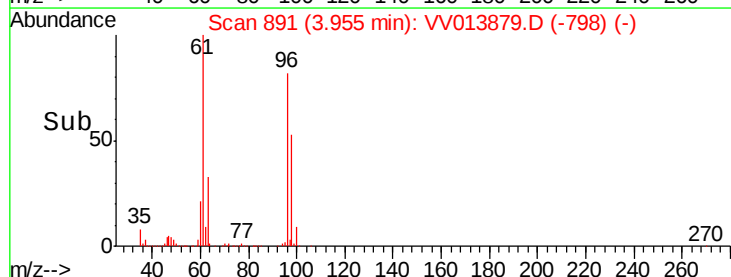
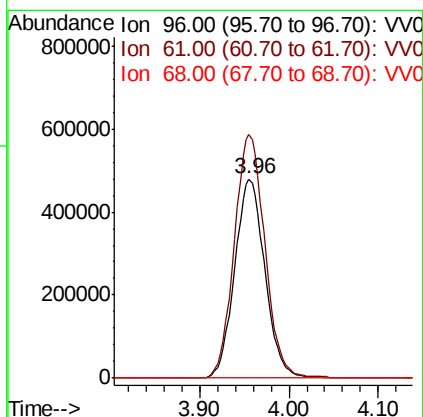
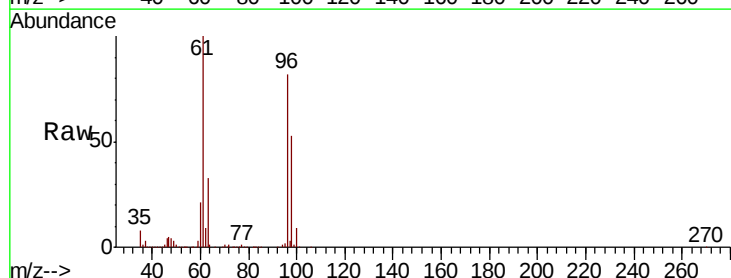
Instrument :
 MSVOA_V
 ClientSampleId :

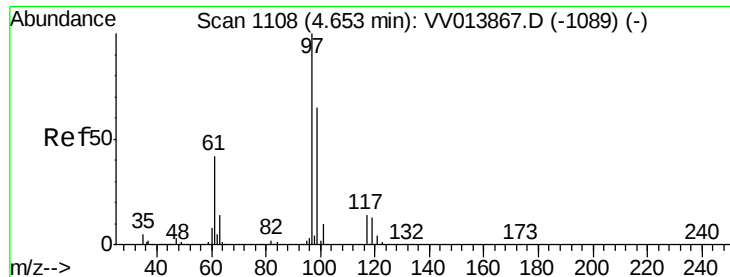
Tot Ion: 63 Resp: 9093
 Ion Ratio Lower Upper
 63 100
 65 24.7 21.5 39.9
 83 18.2 9.7 18.1#



#20
 cis-1,2-Dichloroethene
 Concen: 215.542 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: VV013879.D
 Acq: 02 Dec 2019 18:26

Tgt Ion: 96 Resp: 1129411
 Ion Ratio Lower Upper
 96 100
 61 122.2 85.3 158.5
 68 0.0 0.0 0.0

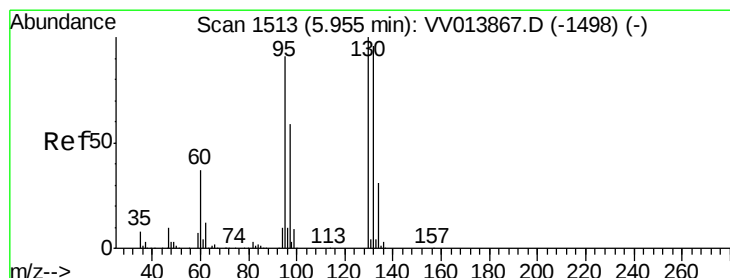
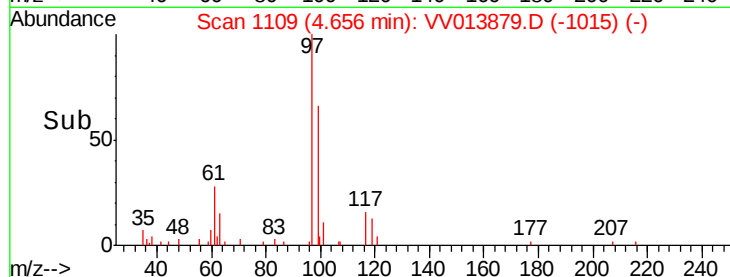
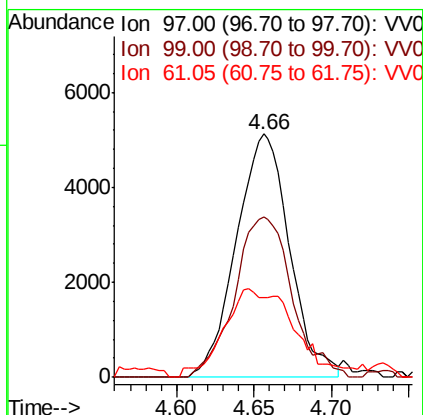
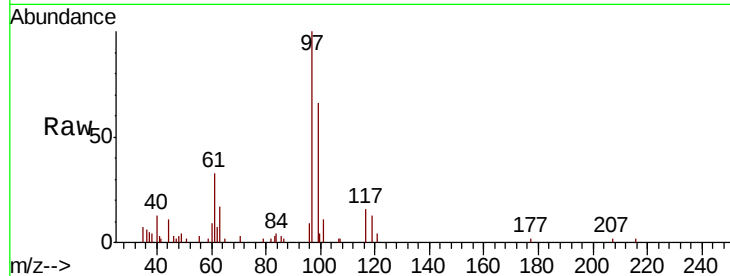




#30
 1,1,1-Trichloroethane
 Concen: 1.568 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: VV013879.D
 Acq: 02 Dec 2019 18:26

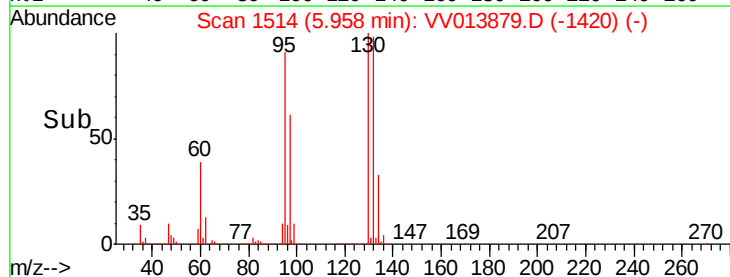
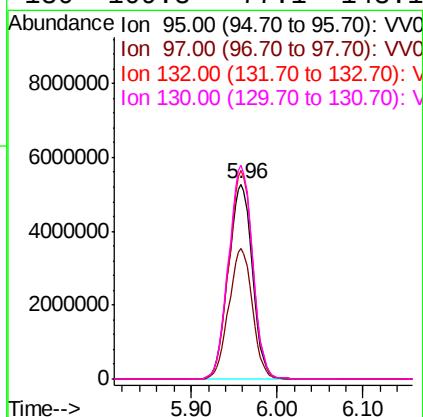
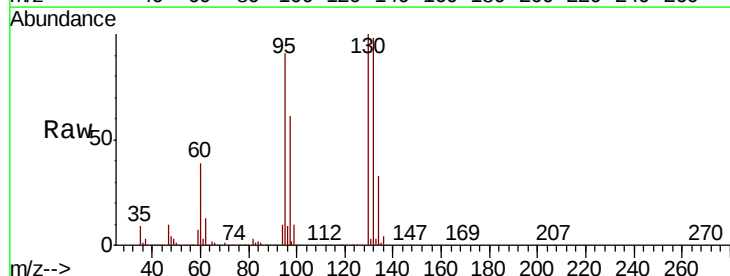
Instrument :
 MSVOA_V
 ClientSampleId :

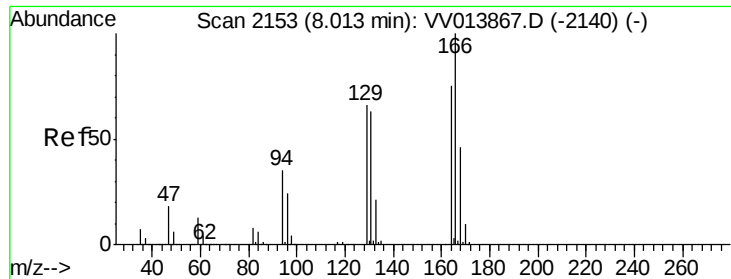
Tot Ion: 97 Resp: 12251
 Ion Ratio Lower Upper
 97 100
 99 67.9 51.4 77.2
 61 21.5 33.2 49.8#



#34
 Trichloroethene
 Concen: 1975.696 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV013879.D
 Acq: 02 Dec 2019 18:26

Tgt Ion: 95 Resp: 10211263
 Ion Ratio Lower Upper
 95 100
 97 66.9 45.4 84.4
 132 107.1 73.7 136.9
 130 109.8 77.1 143.1





#46

Tetrachloroethene

Concen: 628.920 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013879.D

Acq: 02 Dec 2019 18:26

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:164 Resp: 2933184

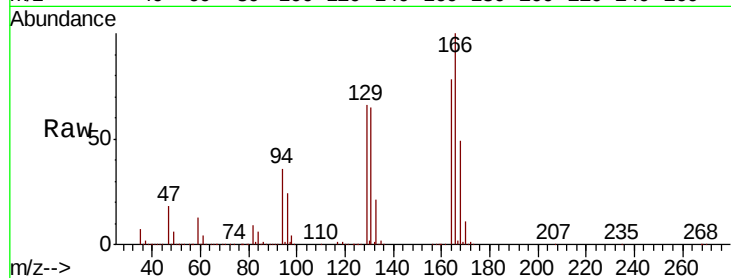
Ion Ratio Lower Upper

164 100

129 85.0 61.7 114.7

131 83.1 58.4 108.6

166 128.8 93.4 173.6

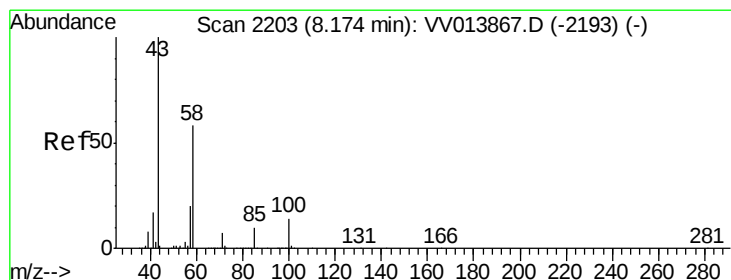
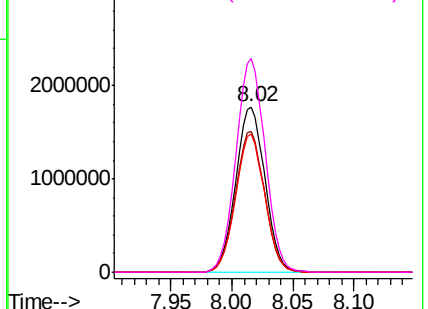
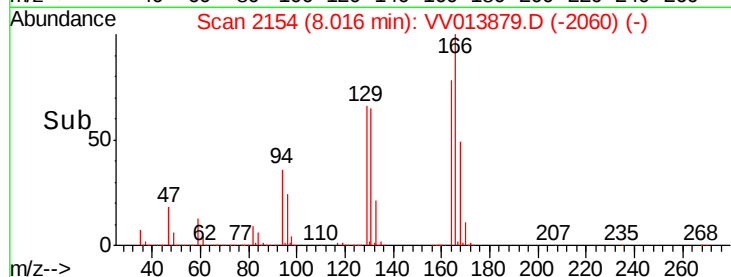


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.949 ug/L

RT: 8.13 min Scan# 2188

Delta R.T. -0.05 min

Lab File: VV013879.D

Acq: 02 Dec 2019 18:26

Tgt Ion: 43 Resp: 24011

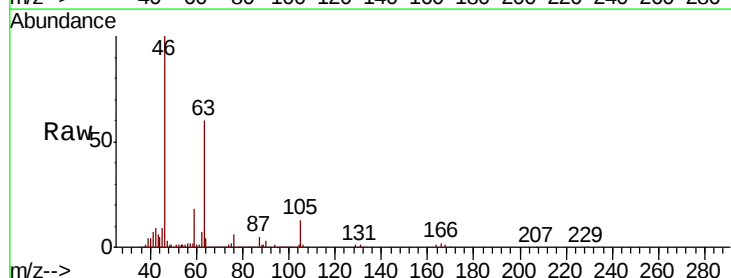
Ion Ratio Lower Upper

43 100

58 36.2 48.4 72.6#

57 24.0 16.6 24.8

100 1.0 11.9 17.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

