

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016988.D
 Acq On : 18 Jun 2020 19:24
 Operator : SY/MD
 Sample : L3039-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 04:39:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345044	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323670	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153369	50.00	ug/L	0.00

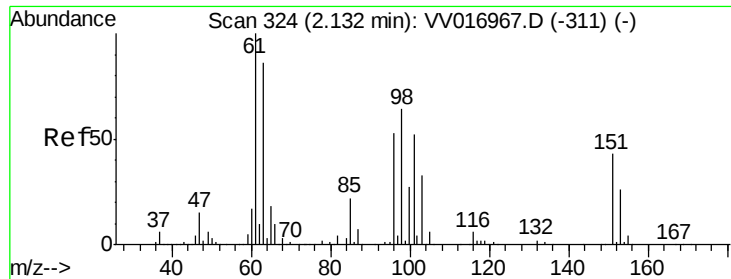
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82642	33.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.88%
7) Chloroethane-d5	1.58	69	61319	41.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.94%
11) 1,1-Dichloroethene-d2	2.12	63	133639	32.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.38%
21) 2-Butanone-d5	3.91	46	163021	90.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.47%
24) Chloroform-d	4.38	84	221619	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.54%
26) 1,2-Dichloroethane-d4	5.06	65	162253	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
32) Benzene-d6	5.07	84	427892	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.72%
36) 1,2-Dichloropropane-d6	6.09	67	134082	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.20%
41) Toluene-d8	7.34	98	392493	45.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.68%
43) trans-1,3-Dichloropropene-	7.64	79	67342	44.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.92%
47) 2-Hexanone-d5	8.11	63	98559	77.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.73%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170148	44.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	164366	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1423	0.776 ug/L #	20
20) cis-1,2-Dichloroethene	3.94	96	13151	5.166 ug/L	99
34) Trichloroethene	5.94	95	6962	2.711 ug/L	92
46) Tetrachloroethene	8.00	164	71887	35.588 ug/L	98
48) 2-Hexanone	8.17	43	9533	3.484 ug/L #	69

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.776 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

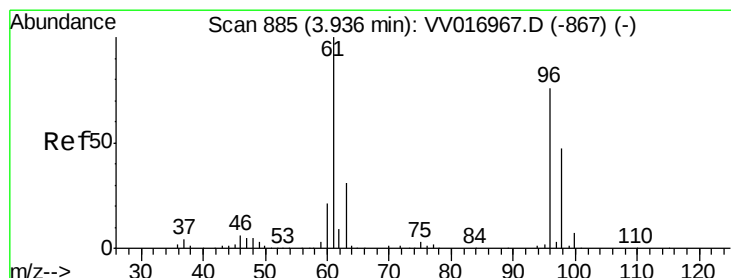
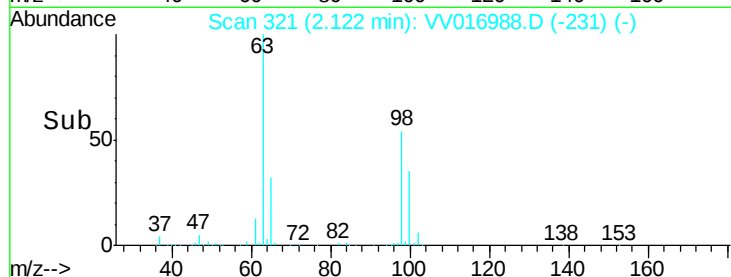
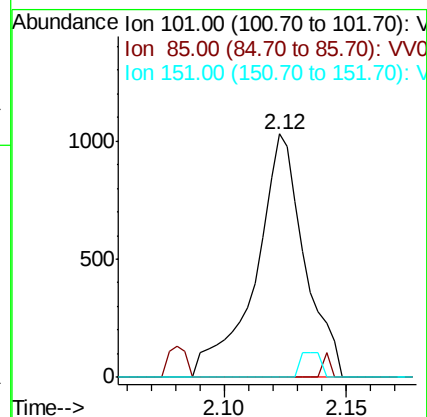
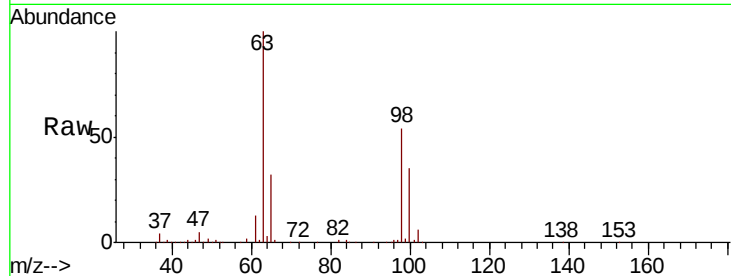
Tot Ion:101 Resp: 1423

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

151 4.2 63.9 95.9#



#20

cis-1,2-Dichloroethene

Concen: 5.166 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV016988.D

Acq: 18 Jun 2020 19:24

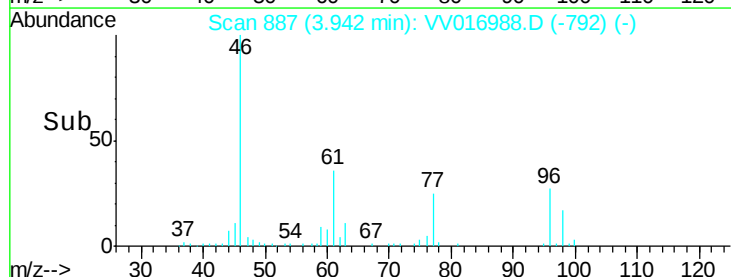
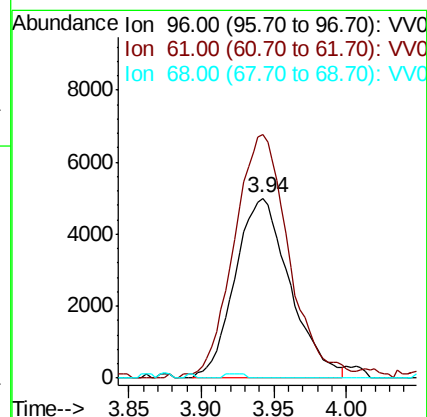
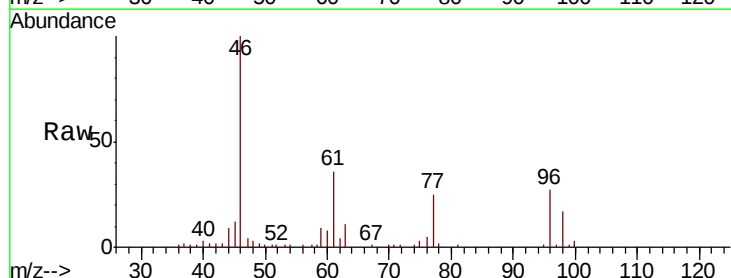
Tgt Ion: 96 Resp: 13151

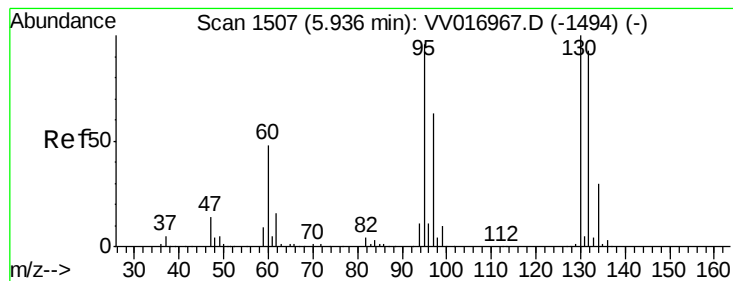
Ion Ratio Lower Upper

96 100

61 135.1 93.4 173.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 2.711 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016988.D

Acq: 18 Jun 2020 19:24

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 6962

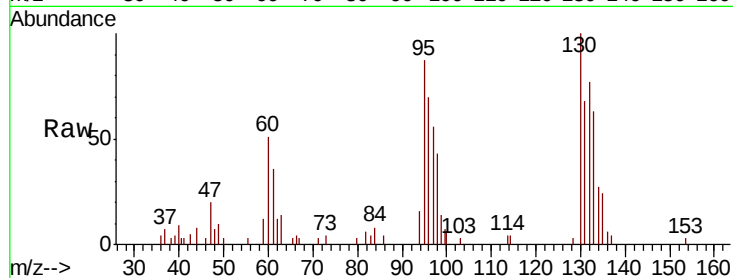
Ion Ratio Lower Upper

95 100

97 64.2 44.3 82.3

132 88.4 67.9 126.1

130 115.0 72.2 134.2



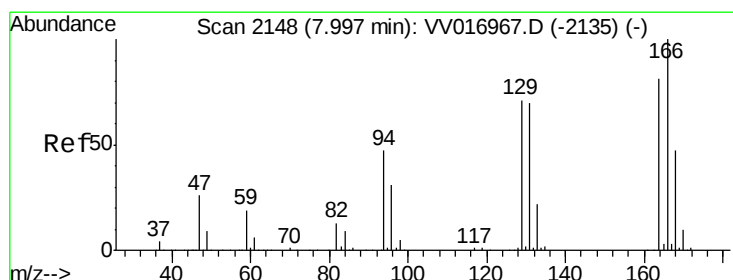
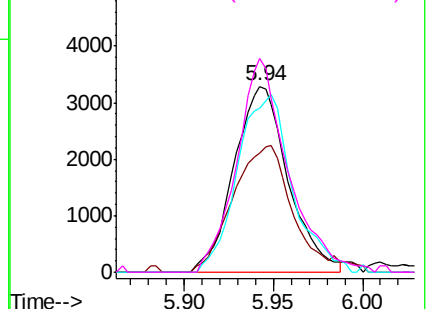
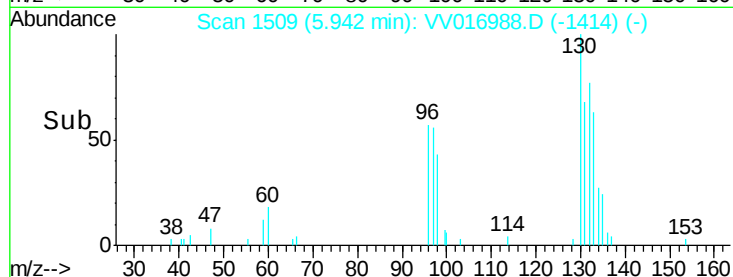
Abundance

Ion 95.00 (94.70 to 95.70): VV016967.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV016967.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV016967.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV016967.D (-1494) (-)



#46

Tetrachloroethene

Concen: 35.588 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016988.D

Acq: 18 Jun 2020 19:24

Tgt Ion: 164 Resp: 71887

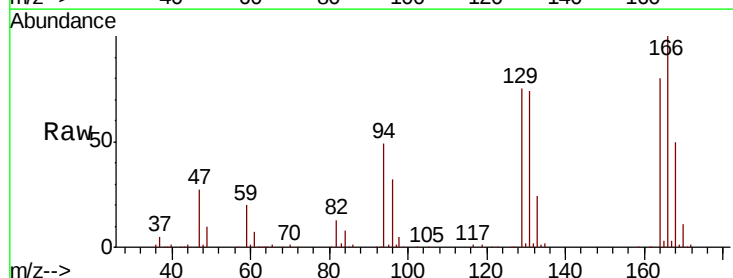
Ion Ratio Lower Upper

164 100

129 94.0 67.0 124.4

131 92.6 64.8 120.3

166 124.7 90.4 167.8



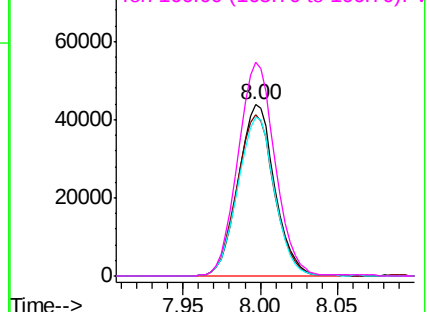
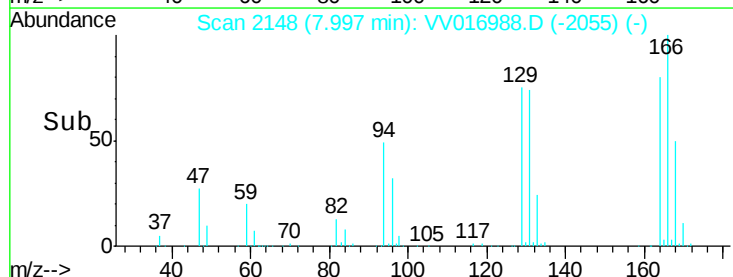
Abundance

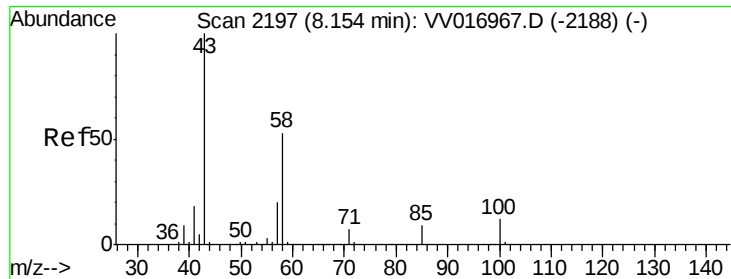
Ion 164.00 (163.70 to 164.70): VV016967.D (-2135) (-)

Ion 129.00 (128.70 to 129.70): VV016967.D (-2135) (-)

Ion 131.00 (130.70 to 131.70): VV016967.D (-2135) (-)

Ion 166.00 (165.70 to 166.70): VV016967.D (-2135) (-)





#48
 2-Hexanone
 Concen: 3.484 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV016988.D
 Acq: 18 Jun 2020 19:24

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 9533
 Ion Ratio Lower Upper
 43 100
 58 30.7 43.1 64.7#
 57 4.3 15.3 22.9#
 100 4.1 10.0 15.0#

