

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016803.D
 Acq On : 11 Jun 2020 05:08
 Operator : SY/MD
 Sample : L2848-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH0

Quant Time: Jun 11 06:42:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 04:06:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	316235	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	300972	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144610	50.00	ug/L	0.00

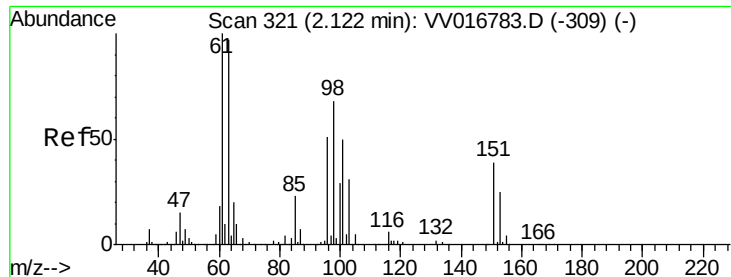
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93589	41.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.88%
7) Chloroethane-d5	1.56	69	68559	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.12	63	129354	34.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.04%
21) 2-Butanone-d5	3.89	46	154032	93.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.27%
24) Chloroform-d	4.37	84	204901	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.32%
26) 1,2-Dichloroethane-d4	5.05	65	150997	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
32) Benzene-d6	5.07	84	400814	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.09	67	124610	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.16%
41) Toluene-d8	7.34	98	360561	45.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.58%
43) trans-1,3-Dichloropropene-	7.64	79	59077	41.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.88%
47) 2-Hexanone-d5	8.11	63	84770	71.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	154377	43.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	152803	49.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.02%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1175	0.699 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1117	0.712 ug/L #	1
13) Acetone	2.17	43	7223	6.638 ug/L	98
27) 1,2-Dichloroethane	5.07	62	2808	0.809 ug/L	95
39) cis-1,3-Dichloropropene	7.00	75	4189	1.165 ug/L	90
48) 2-Hexanone	8.16	43	15524	6.101 ug/L #	83

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



#10

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

Concen: 0.699 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016803.D

Acq: 11 Jun 2020 05:08

Instrument :

MSVOA_V

ClientSampled :

COAH0

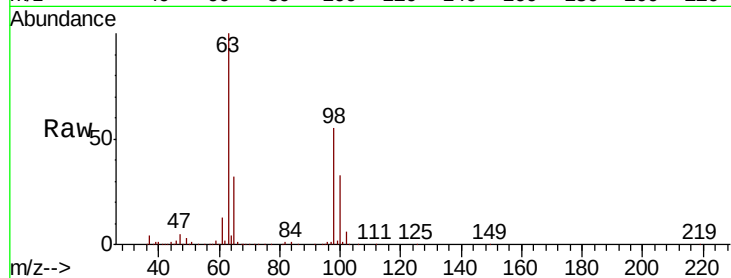
Tot Ion:101 Resp: 1175

Ion Ratio Lower Upper

101 100

85 4.2 35.5 53.3#

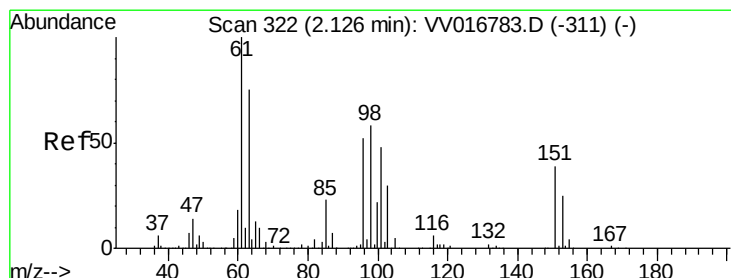
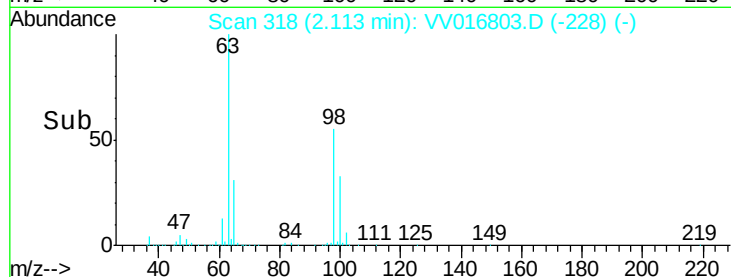
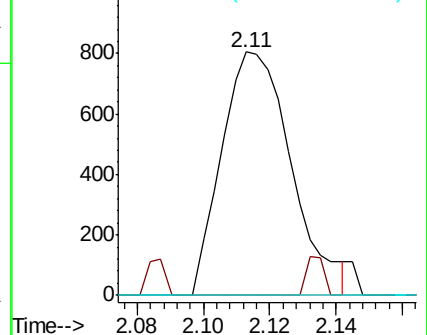
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.712 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016803.D

Acq: 11 Jun 2020 05:08

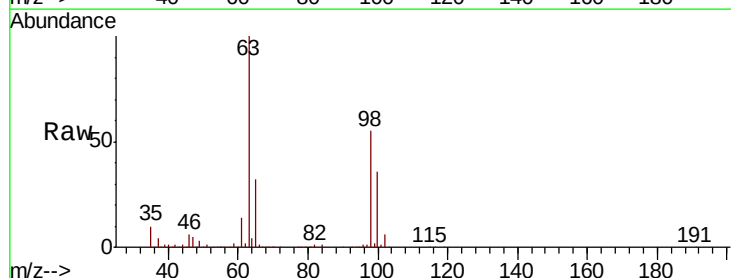
Tgt Ion: 96 Resp: 1117

Ion Ratio Lower Upper

96 100

61 1680.9 130.4 242.2#

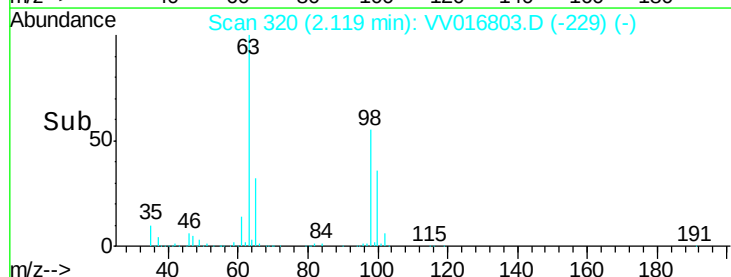
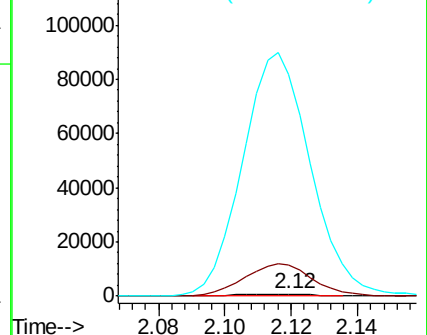
63 11771.3 103.3 191.9#

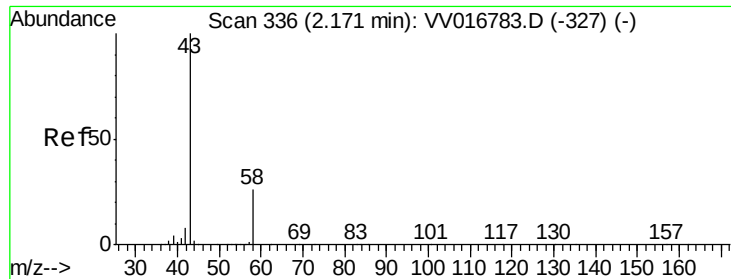


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 6.638 ug/L

RT: 2.17 min Scan# 336

Delta R.T. 0.00 min

Lab File: VV016803.D

Acq: 11 Jun 2020 05:08

Instrument :

MSVOA_V

ClientSampleId :

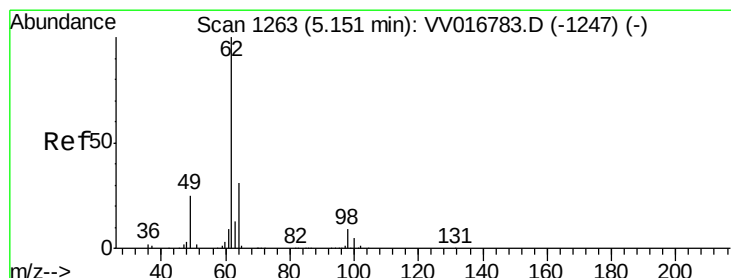
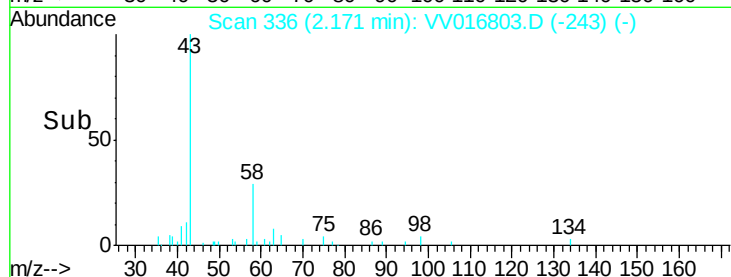
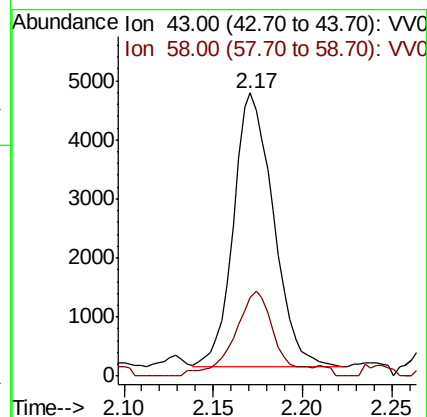
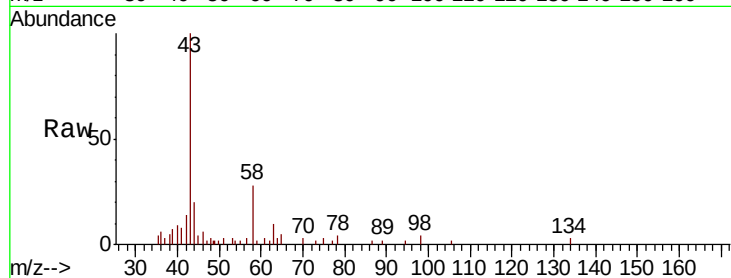
C0AH0

Tot Ion: 43 Resp: 7223

Ion Ratio Lower Upper

43 100

58 28.8 0.0 55.2



#27

1,2-Dichloroethane

Concen: 0.809 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV016803.D

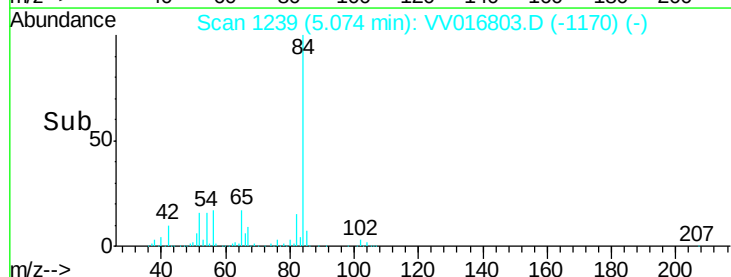
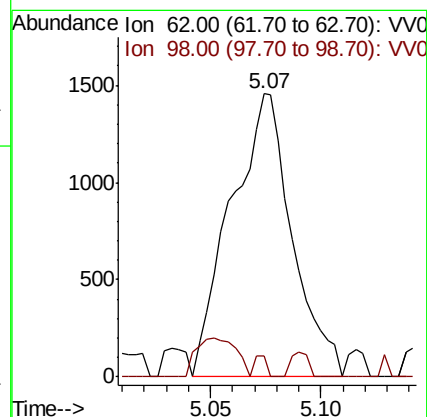
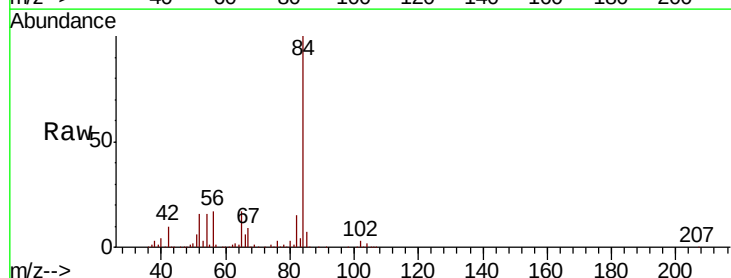
Acq: 11 Jun 2020 05:08

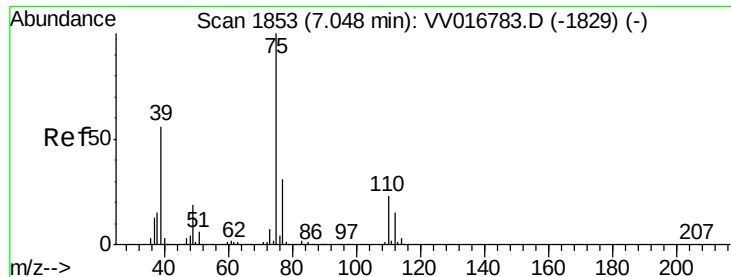
Tgt Ion: 62 Resp: 2808

Ion Ratio Lower Upper

62 100

98 7.5 7.4 11.2

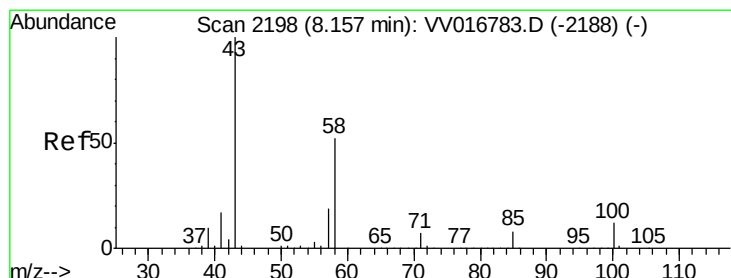
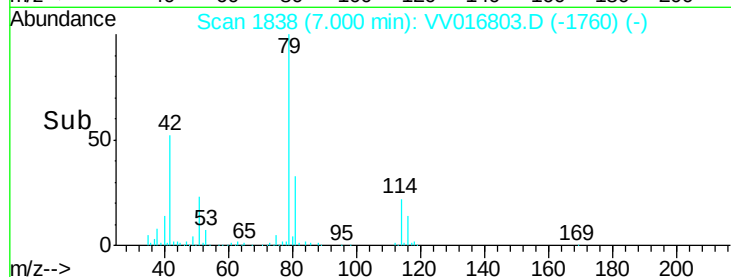
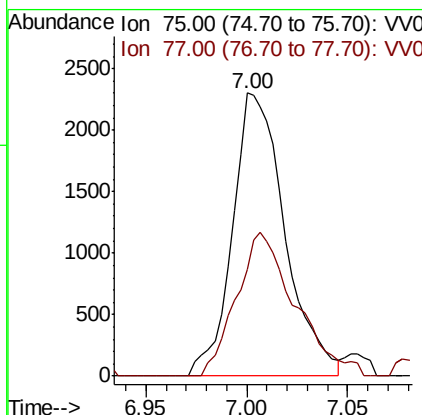
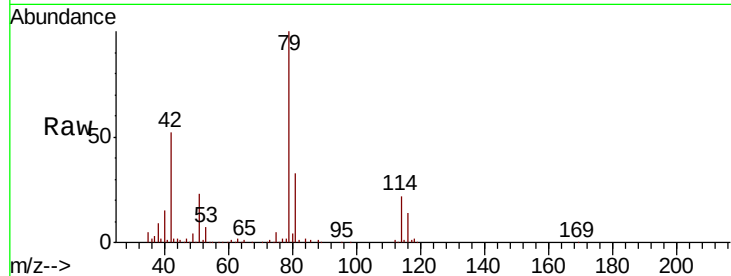




#39
 cis-1,3-Dichloropropene
 Concen: 1.165 ug/L
 RT: 7.00 min Scan# 1838
 Delta R.T. -0.05 min
 Lab File: VV016803.D
 Acq: 11 Jun 2020 05:08

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH0

Tot Ion: 75 Resp: 4189
 Ion Ratio Lower Upper
 75 100
 77 37.8 22.7 42.1



#48
 2-Hexanone
 Concen: 6.101 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV016803.D
 Acq: 11 Jun 2020 05:08

Tgt Ion: 43 Resp: 15524
 Ion Ratio Lower Upper
 43 100
 58 38.7 43.1 64.7#
 57 15.2 15.3 22.9#
 100 7.3 10.0 15.0#

