

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\
 Data File : VV018939.D
 Acq On : 16 Oct 2020 16:02
 Operator : SY/MD
 Sample : L4426-07
 Misc : 5.0ml/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG411

Quant Time: Oct 17 06:03:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 05:56:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	291967	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287695	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135142	50.00	ug/L	0.00

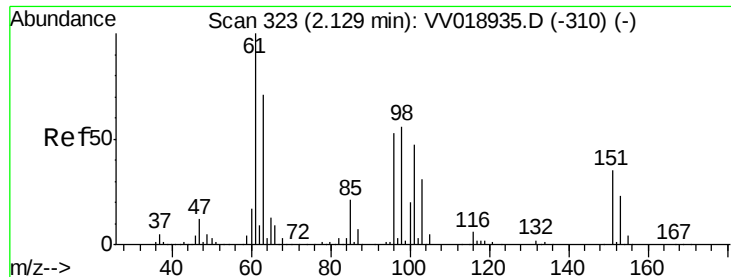
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	100990	42.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.04%
7) Chloroethane-d5	1.58	69	84939	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.22%
11) 1,1-Dichloroethene-d2	2.12	63	157608	34.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.48%
21) 2-Butanone-d5	3.90	46	129464	77.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.28%
24) Chloroform-d	4.37	84	171861	39.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.60%
26) 1,2-Dichloroethane-d4	5.05	65	122707	42.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.62%
32) Benzene-d6	5.07	84	343119	40.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.70%
36) 1,2-Dichloropropane-d6	6.09	67	108424	40.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.76%
41) Toluene-d8	7.33	98	298286	39.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.18%#
43) trans-1,3-Dichloropropene-	7.64	79	51840	39.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.98%
47) 2-Hexanone-d5	8.11	63	65324	65.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.48%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	105210	33.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	66.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	122474	44.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.08%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1361	0.719 ug/L #	20
13) Acetone	2.18	43	3995	3.264 ug/L	94
39) cis-1,3-Dichloropropene	7.01	75	3458	0.975 ug/L #	77
48) 2-Hexanone	8.16	43	17693	6.854 ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	16625	5.818 ug/L	94

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



#10

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

Concen: 0.719 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018939.D

Acq: 16 Oct 2020 16:02

Instrument :

MSVOA_V

ClientSampled :

BG411

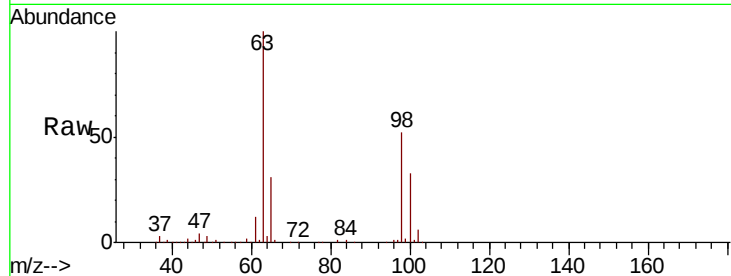
Tot Ion:101 Resp: 1361

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

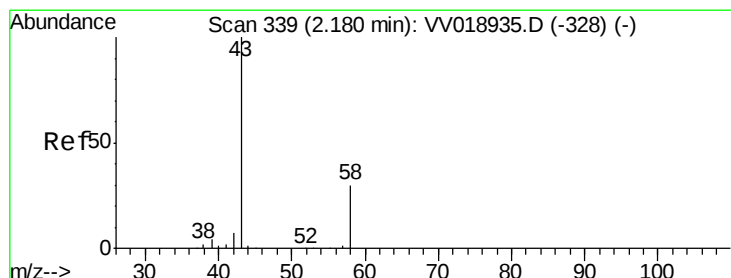
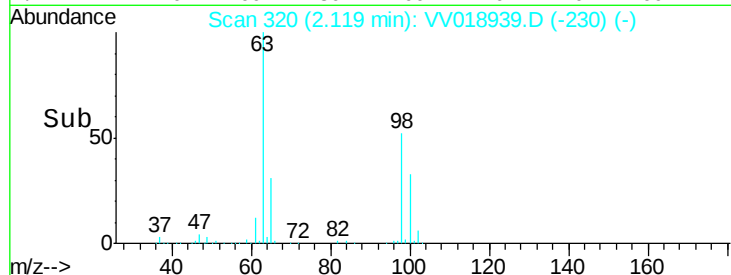
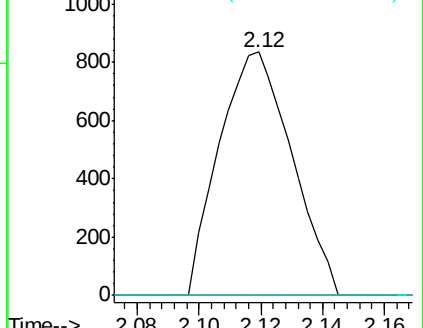
151 0.0 59.7 89.5#



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



#13

Acetone

Concen: 3.264 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV018939.D

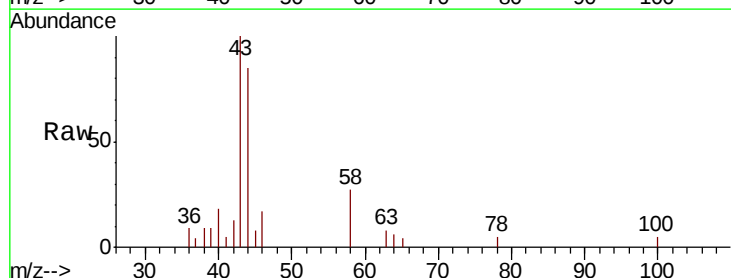
Acq: 16 Oct 2020 16:02

Tgt Ion: 43 Resp: 3995

Ion Ratio Lower Upper

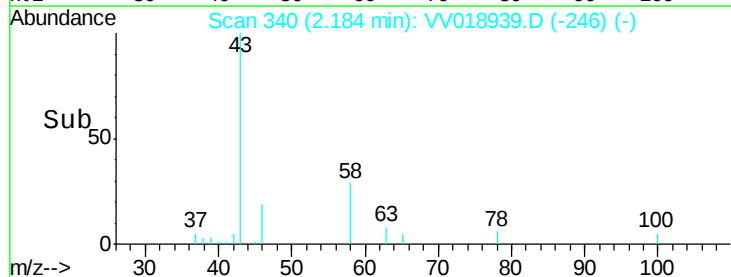
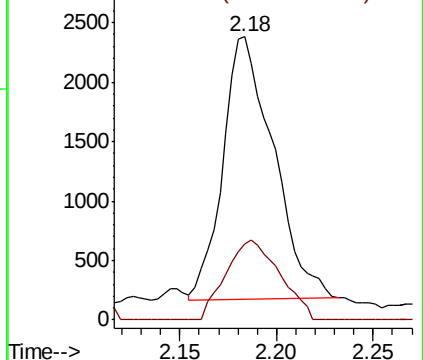
43 100

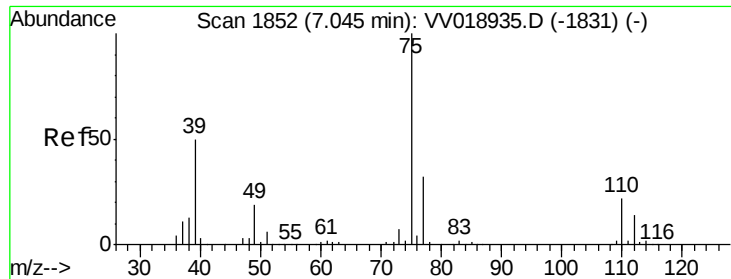
58 32.5 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

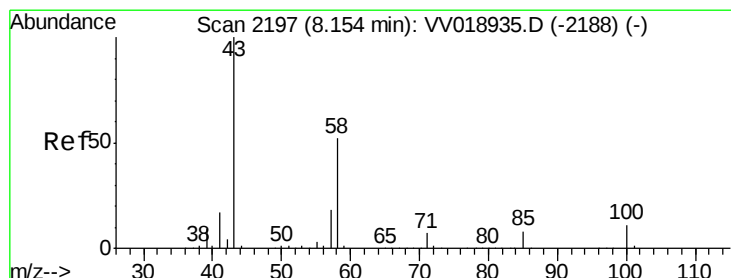
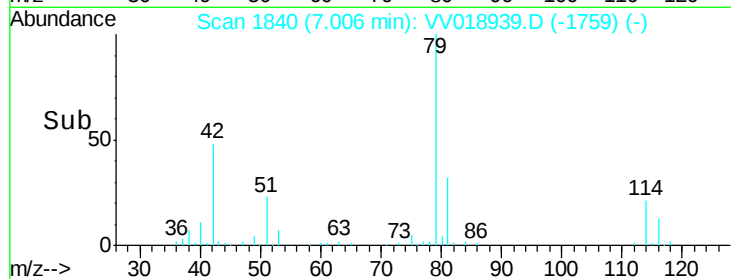
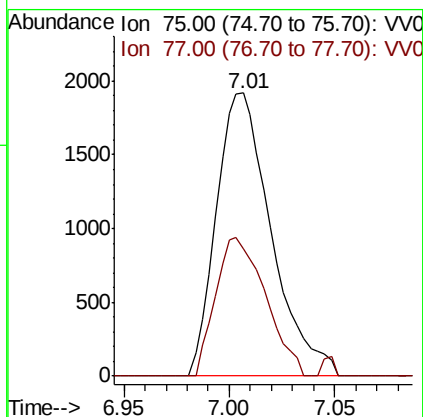
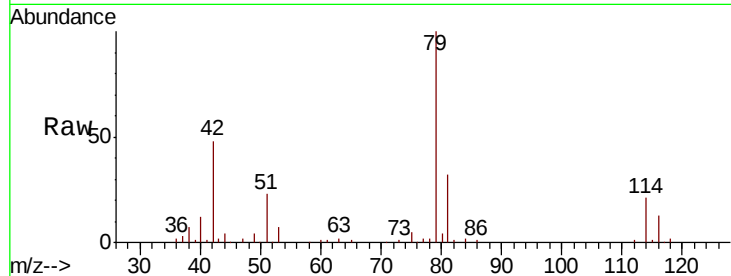




#39
 cis-1,3-Dichloropropene
 Concen: 0.975 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018939.D
 Acq: 16 Oct 2020 16:02

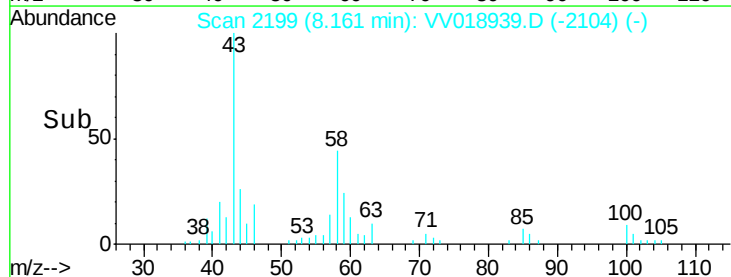
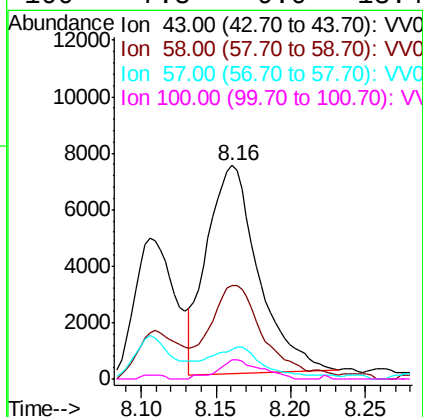
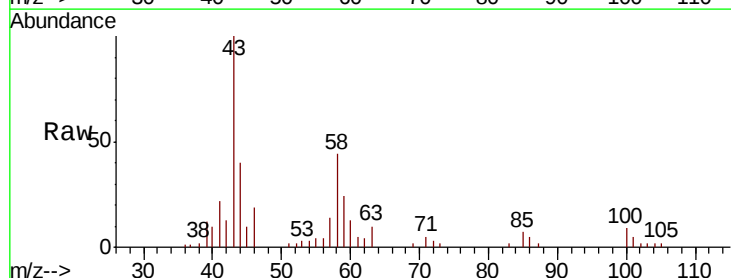
Instrument :
 MSVOA_V
 ClientSampleId :
 BG411

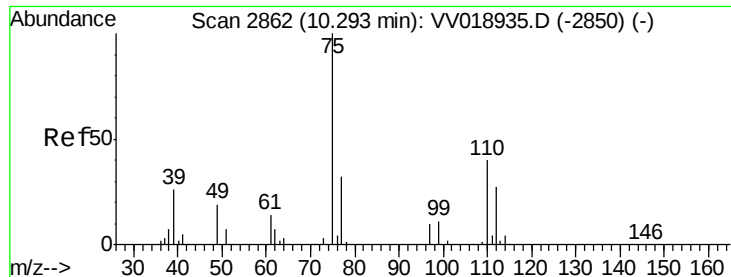
Tot Ion: 75 Resp: 3458
 Ion Ratio Lower Upper
 75 100
 77 45.2 22.5 41.9#



#48
 2-Hexanone
 Concen: 6.854 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV018939.D
 Acq: 16 Oct 2020 16:02

Tgt Ion: 43 Resp: 17693
 Ion Ratio Lower Upper
 43 100
 58 40.0 42.5 63.7#
 57 11.7 14.5 21.7#
 100 7.8 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 5.818 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018939.D

Acq: 16 Oct 2020 16:02

Instrument :

MSVOA_V

ClientSampleId :

BG411

Tot Ion: 75 Resp: 16625

Ion Ratio Lower Upper

75 100

77 35.3 25.4 38.2

