

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019613.D
 Acq On : 14 Dec 2020 18:41
 Operator : SY/MD
 Sample : L4928-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4J0

Quant Time: Dec 15 07:24:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	614226	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	573679	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	263489	50.00	ug/L	0.00

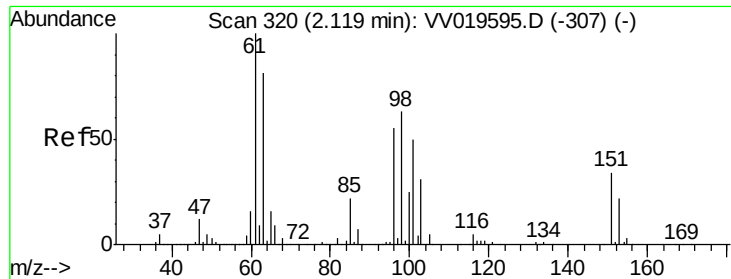
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	222712	50.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.12%
7) Chloroethane-d5	1.57	69	188350	54.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.44%
11) 1,1-Dichloroethene-d2	2.11	63	328760	40.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.44%
21) 2-Butanone-d5	3.89	46	275423	115.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.05%
24) Chloroform-d	4.35	84	411981	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.04	65	287353	55.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.78%
32) Benzene-d6	5.05	84	828360	54.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.28%
36) 1,2-Dichloropropane-d6	6.07	67	262494	54.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.54%
41) Toluene-d8	7.32	98	736134	53.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.88%
43) trans-1,3-Dichloropropene-	7.62	79	127830	46.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.78%
47) 2-Hexanone-d5	8.09	63	197520	105.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.00%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	328953	50.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.48%
64) 1,2-Dichlorobenzene-d4	11.63	152	266563	54.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.24%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2763	0.775 ug/L #	23
13) Acetone	2.19	43	15033	7.371 ug/L	95
39) cis-1,3-Dichloropropene	6.99	75	8450	1.162 ug/L #	70
48) 2-Hexanone	8.09	43	24098	5.028 ug/L #	69
59) 1,2,3-Trichloropropane	11.25	75	35337	6.488 ug/L	90

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



#10

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

Concen: 0.775 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

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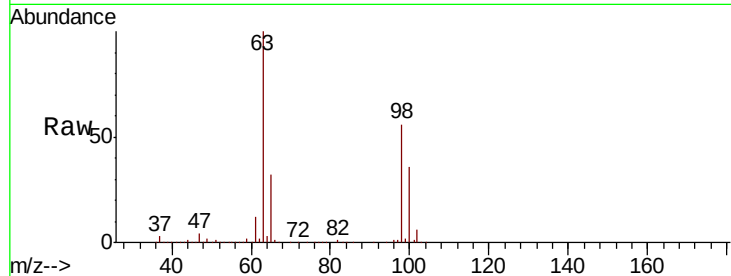
Tot Ion:101 Resp: 2763

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

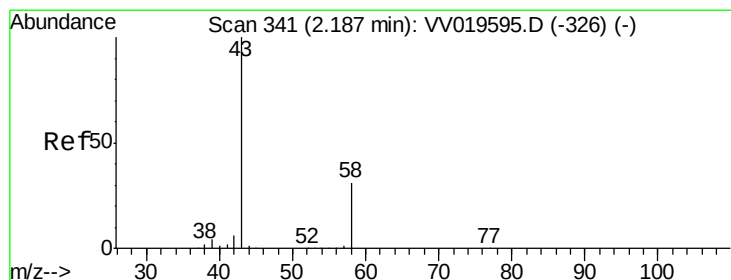
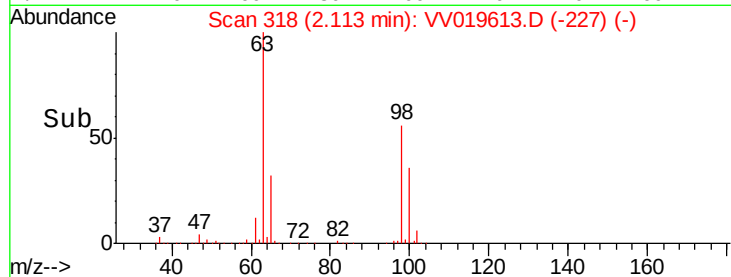
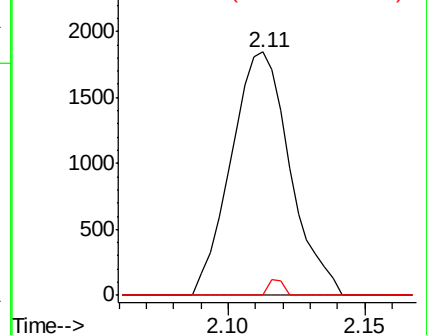
151 1.6 55.8 83.8#



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: 7.371 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV019613.D

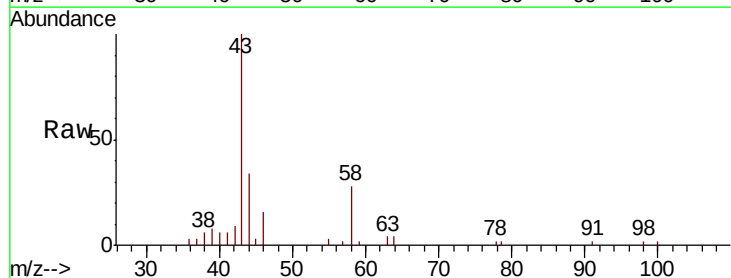
Acq: 14 Dec 2020 18:41

Tgt Ion: 43 Resp: 15033

Ion Ratio Lower Upper

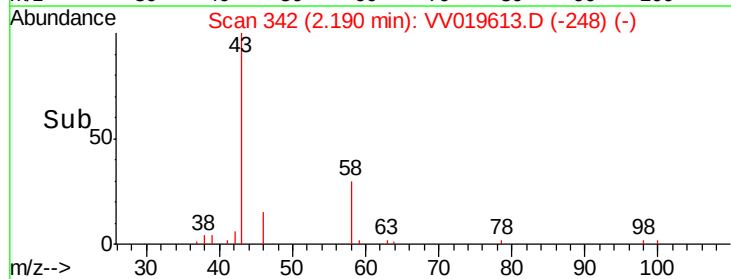
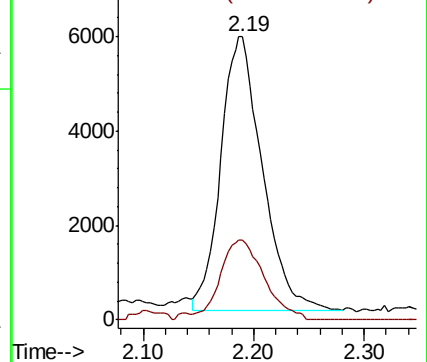
43 100

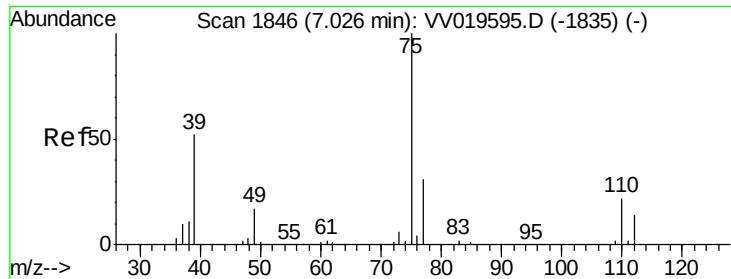
58 28.2 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

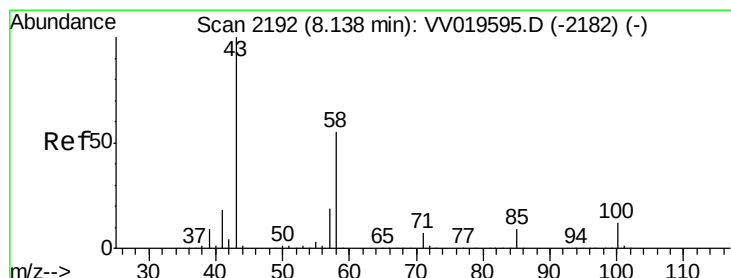
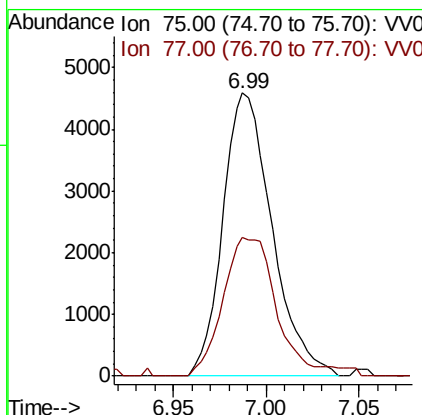
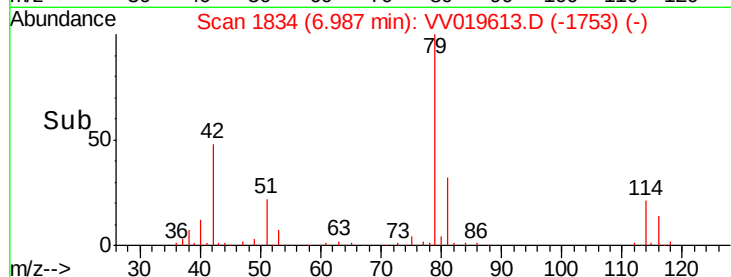
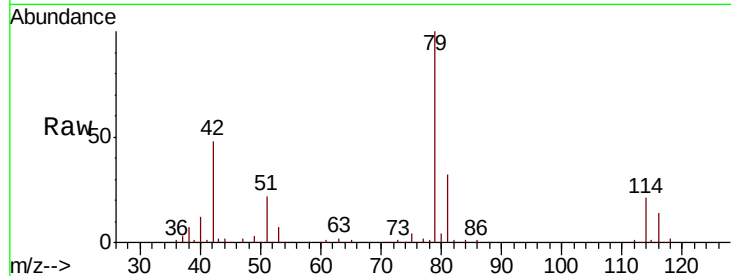




#39
 cis-1,3-Dichloropropene
 Concen: 1.162 ug/L
 RT: 6.99 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: VV019613.D
 Acq: 14 Dec 2020 18:41

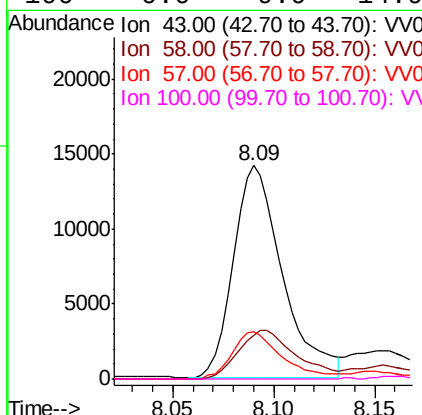
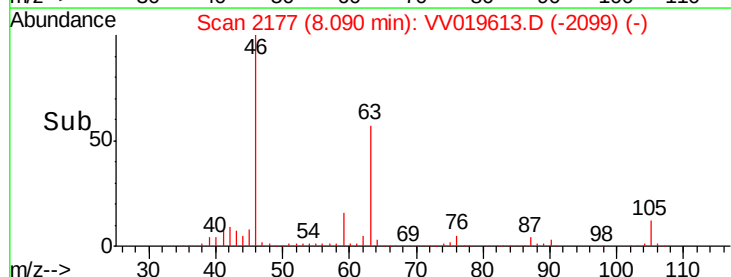
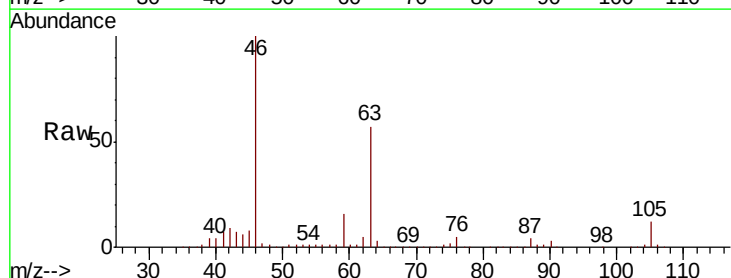
Instrument :
 MSVOA_V
 ClientSampled :
 BG4J0

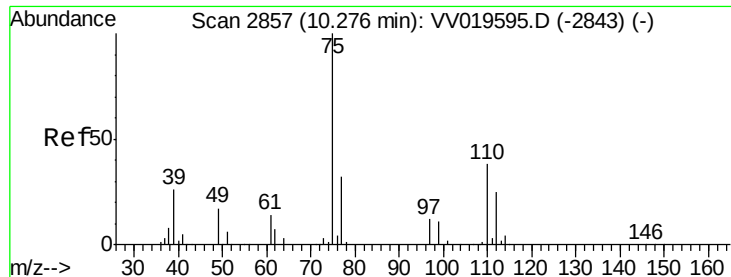
Tot Ion: 75 Resp: 8450
 Ion Ratio Lower Upper
 75 100
 77 48.9 22.4 41.6#



#48
 2-Hexanone
 Concen: 5.028 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: VV019613.D
 Acq: 14 Dec 2020 18:41

Tgt Ion: 43 Resp: 24098
 Ion Ratio Lower Upper
 43 100
 58 27.1 44.4 66.6#
 57 22.4 15.7 23.5
 100 0.0 9.9 14.9#





#59

1,2,3-Trichloropropane

Concen: 6.488 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019613.D

Acq: 14 Dec 2020 18:41

Instrument :

MSVOA_V

ClientSampleId :

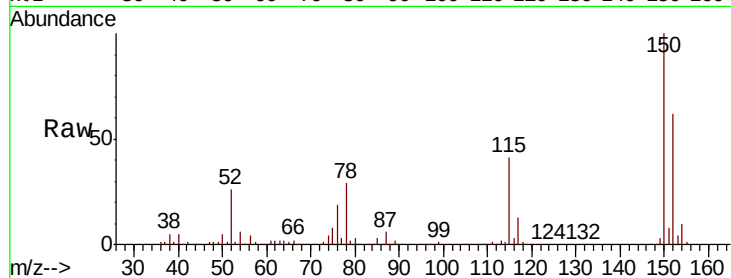
BG4J0

Tot Ion: 75 Resp: 35337

Ion Ratio Lower Upper

75 100

77 38.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

