

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018238.D
 Acq On : 16 Sep 2020 15:25
 Operator : SY/MD
 Sample : L4024-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 04:40:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 04:38:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	232903	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	232168	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111909	50.00	ug/L	0.00

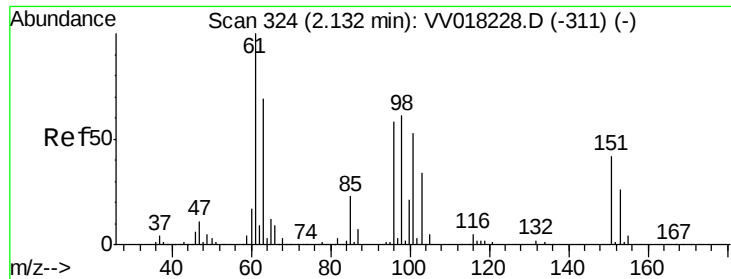
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100217	52.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	81897	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.46%
11) 1,1-Dichloroethene-d2	2.12	63	142126	40.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.64%
21) 2-Butanone-d5	3.92	46	119197	102.60	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	4.38	84	171886	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.38%
26) 1,2-Dichloroethane-d4	5.06	65	114930	54.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.88%
32) Benzene-d6	5.08	84	352447	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.06%
36) 1,2-Dichloropropane-d6	6.09	67	111504	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.60%
41) Toluene-d8	7.34	98	312264	51.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.10%
43) trans-1,3-Dichloropropene-	7.64	79	54640	50.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.84%
47) 2-Hexanone-d5	8.11	63	87568	109.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.47%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	143573	54.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	130592	56.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.64%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1272	0.809 ug/L #	19
35) Methylcyclohexane	6.10	83	26911	9.884 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	11964	6.802 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3097	1.143 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	12492	6.038 ug/L	91

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



#10

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

Concen: 0.809 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018238.D

Acq: 16 Sep 2020 15:25

Instrument :

MSVOA_V

ClientSampled :

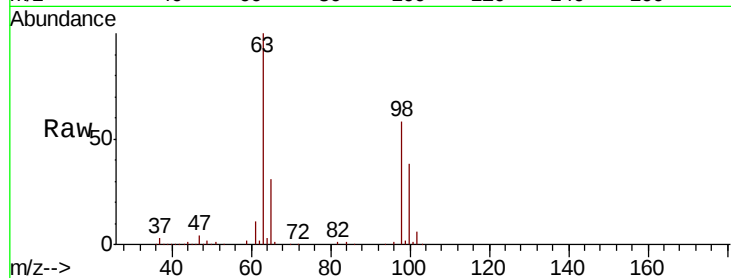
Tot Ion:101 Resp: 1272

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

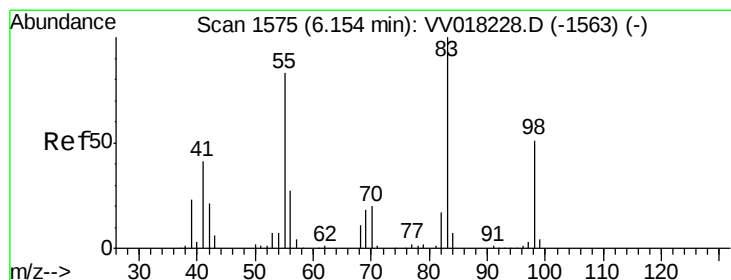
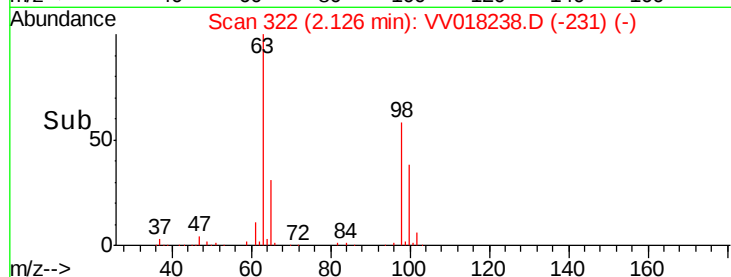
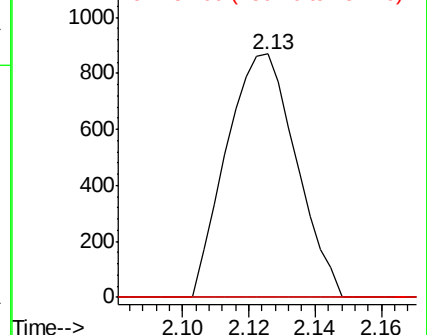
151 0.0 62.2 93.2#



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



#35

Methylcyclohexane

Concen: 9.884 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV018238.D

Acq: 16 Sep 2020 15:25

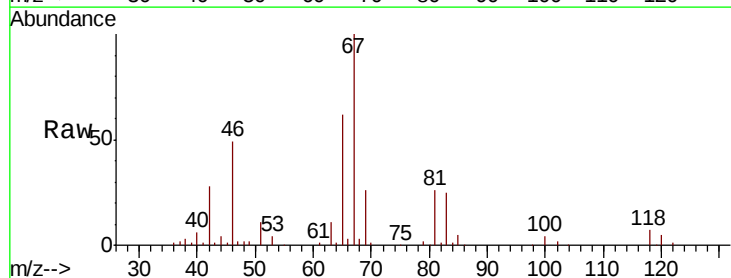
Tgt Ion: 83 Resp: 26911

Ion Ratio Lower Upper

83 100

55 0.5 63.4 95.2#

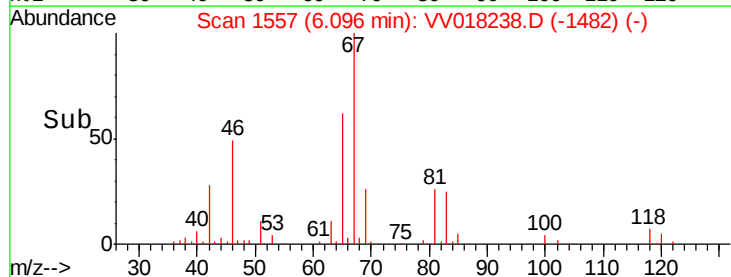
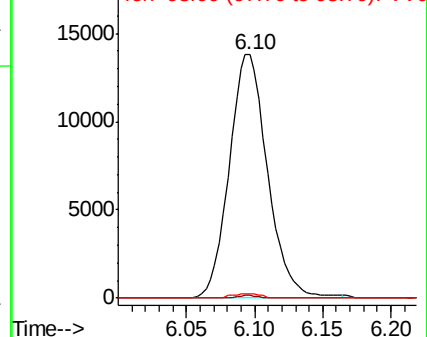
98 1.2 38.8 58.2#

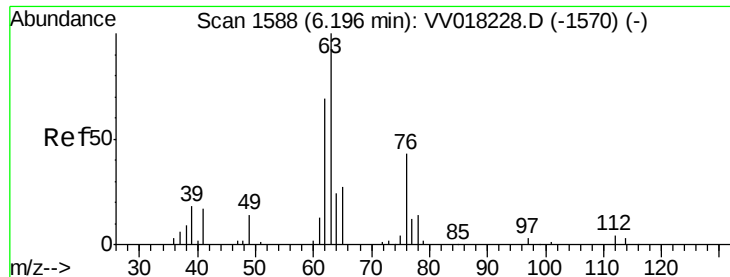


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

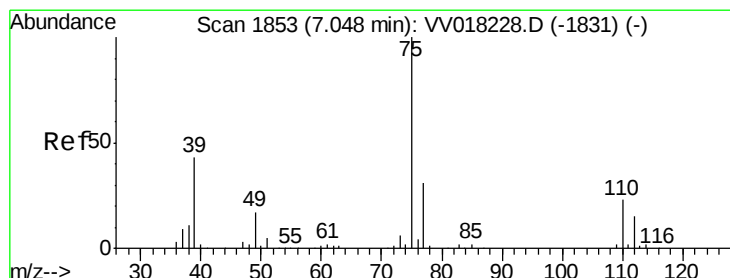
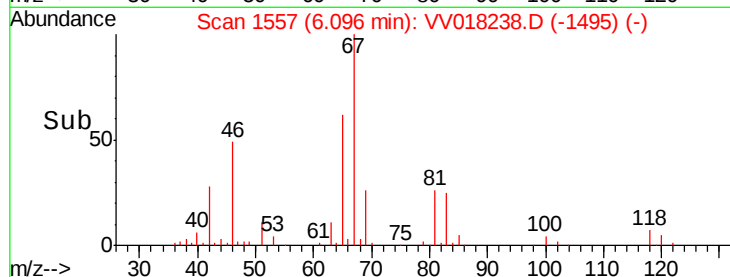
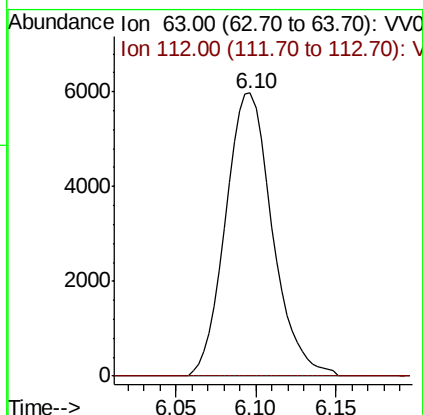
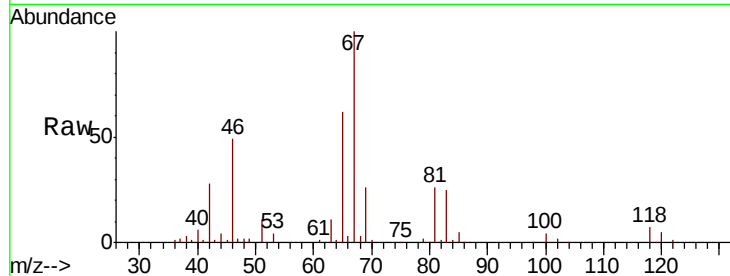




#37
 1,2-Dichloropropane
 Concen: 6.802 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018238.D
 Acq: 16 Sep 2020 15:25

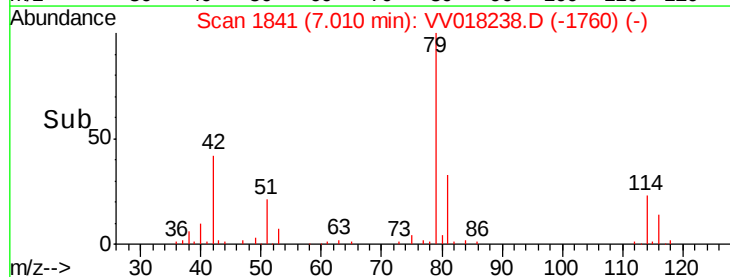
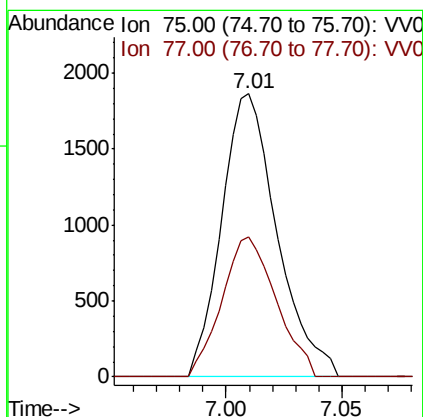
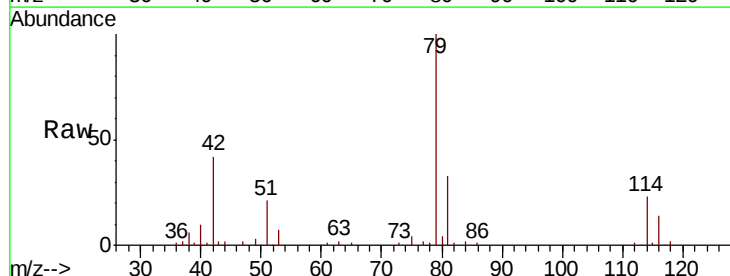
Instrument :
 MSVOA_V
 ClientSampleId :

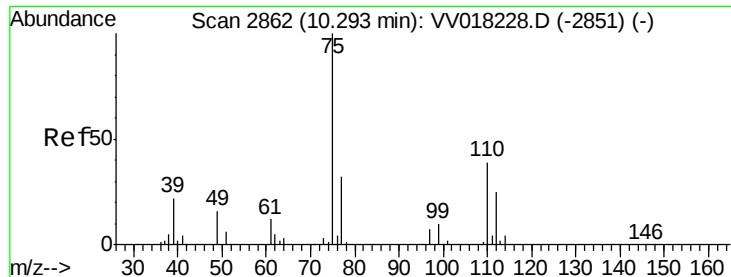
Tot Ion: 63 Resp: 11964
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.143 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018238.D
 Acq: 16 Sep 2020 15:25

Tgt Ion: 75 Resp: 3097
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.038 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018238.D

Acq: 16 Sep 2020 15:25

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 12492

Ion Ratio Lower Upper

75 100

77 37.0 25.8 38.6

