

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018311.D
 Acq On : 18 Sep 2020 10:59
 Operator : SY/MD
 Sample : L4043-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:42:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 01:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	282746	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280733	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134114	50.00	ug/L	0.00

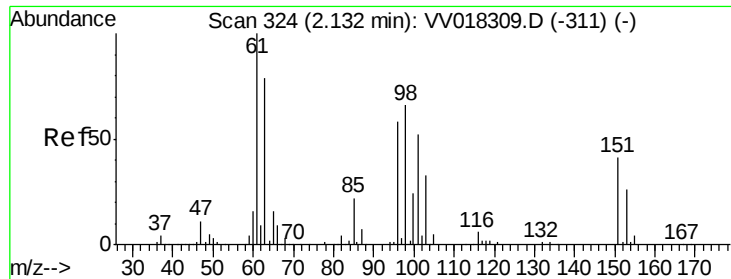
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103004	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.40%
7) Chloroethane-d5	1.58	69	83109	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.16%
11) 1,1-Dichloroethene-d2	2.12	63	147181	34.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.64%
21) 2-Butanone-d5	3.92	46	121165	85.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.91%
24) Chloroform-d	4.38	84	174803	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.06	65	115480	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.12%
32) Benzene-d6	5.08	84	351675	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
36) 1,2-Dichloropropane-d6	6.09	67	112727	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.28%
41) Toluene-d8	7.34	98	313658	42.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.64%
43) trans-1,3-Dichloropropene-	7.64	79	53621	41.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.64%
47) 2-Hexanone-d5	8.11	63	80574	83.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139934	43.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	130164	47.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.52%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1332	0.698 ug/L #	19
35) Methylcyclohexane	6.09	83	27240	8.274 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12211	5.741 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3255	0.993 ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	15307	6.119 ug/L	90

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



#10

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

Concen: 0.698 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018311.D

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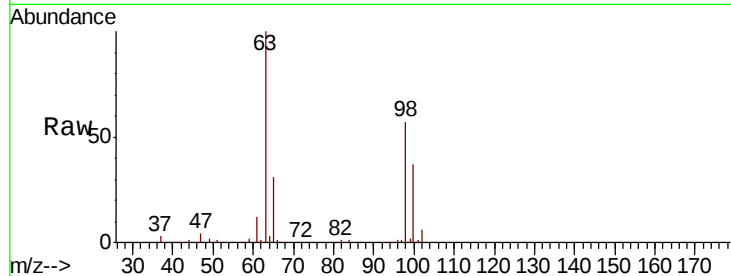
Tot Ion:101 Resp: 1332

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

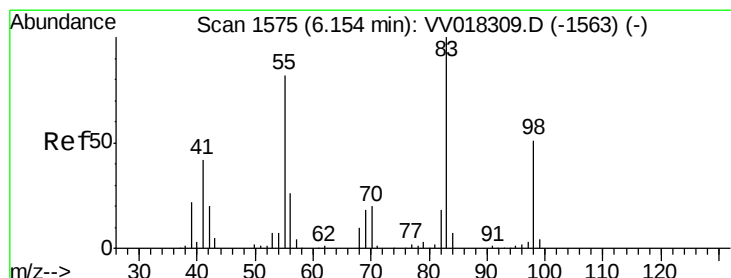
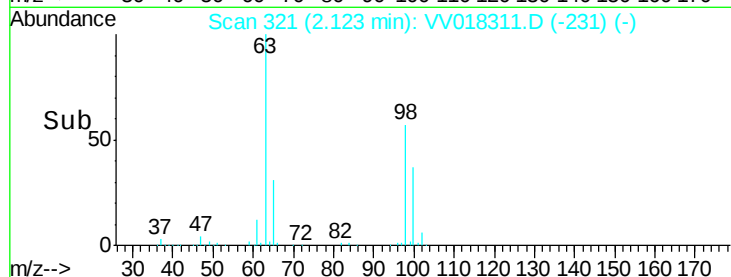
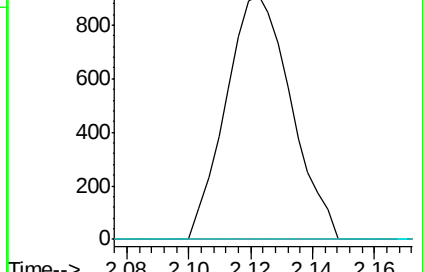
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): VV018311.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV018311.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV018311.D (-231) (-)



#35

Methylcyclohexane

Concen: 8.274 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018311.D

Acq: 18 Sep 2020 10:59

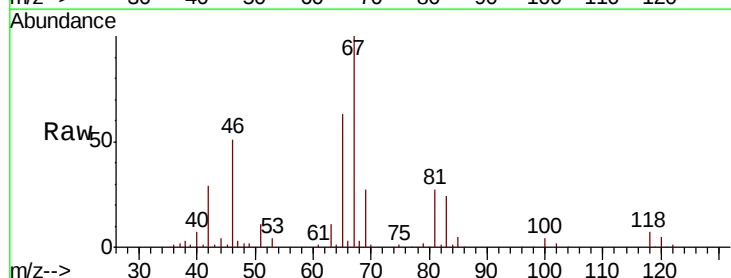
Tgt Ion: 83 Resp: 27240

Ion Ratio Lower Upper

83 100

55 0.3 63.4 95.2#

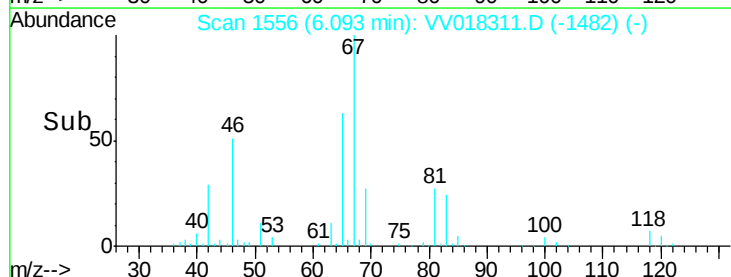
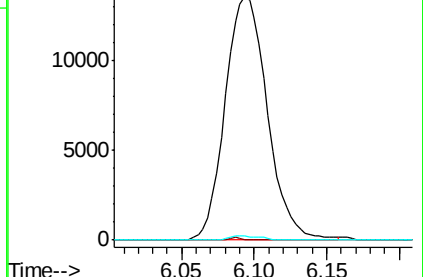
98 1.2 38.8 58.2#

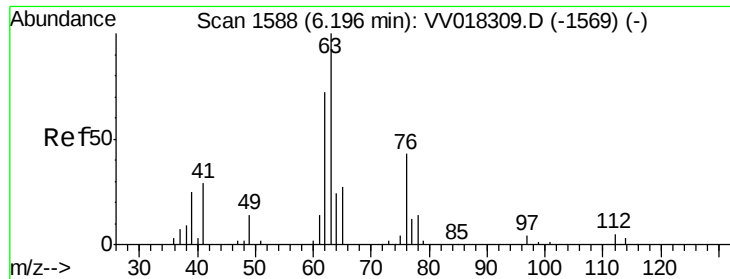


Abundance Ion 83.00 (82.70 to 83.70): VV018311.D (-1482) (-)

Ion 55.00 (54.70 to 55.70): VV018311.D (-1482) (-)

Ion 98.00 (97.70 to 98.70): VV018311.D (-1482) (-)

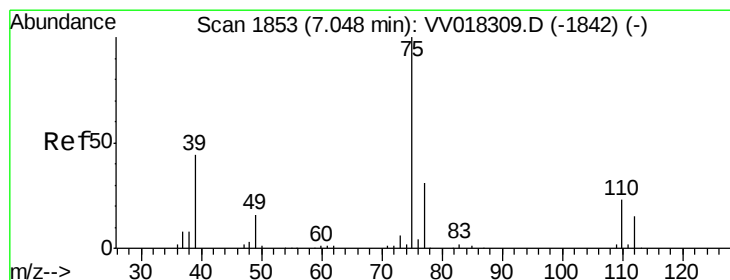
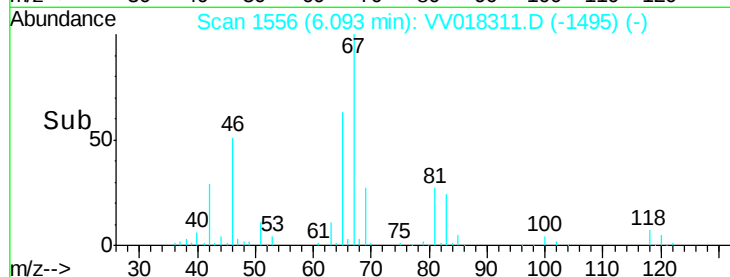
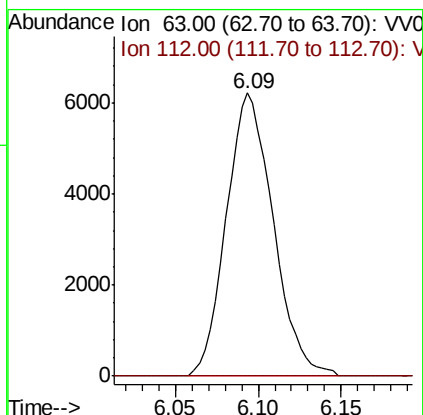
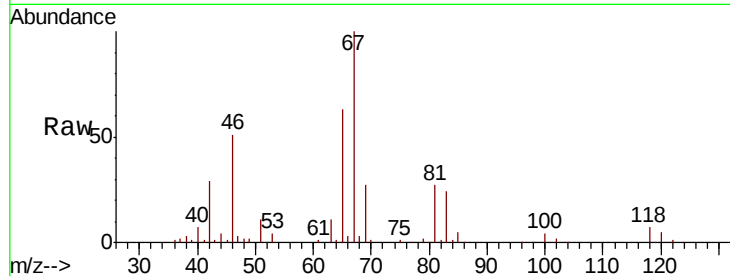




#37
 1,2-Dichloropropane
 Concen: 5.741 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018311.D
 Acq: 18 Sep 2020 10:59

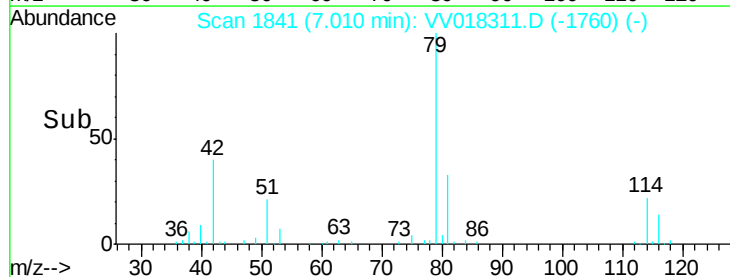
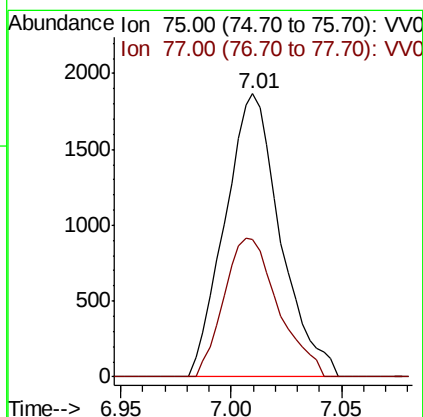
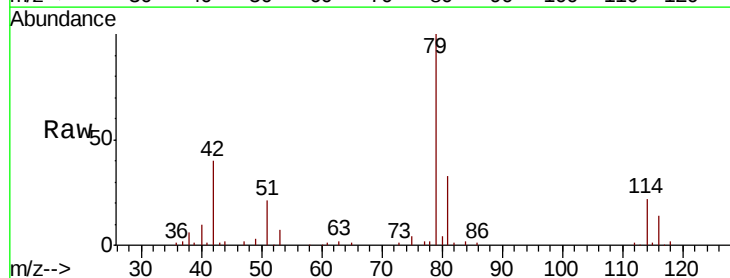
Instrument :
 MSVOA_V
 ClientSampleId :

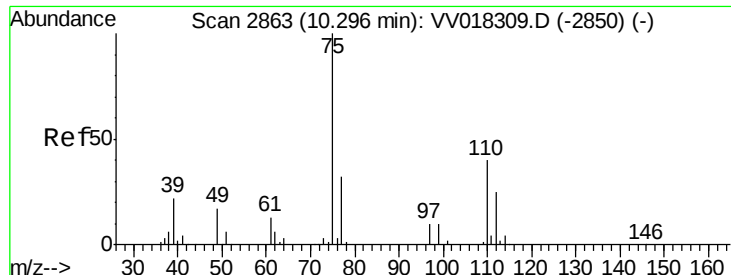
Tot Ion: 63 Resp: 12211
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.993 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018311.D
 Acq: 18 Sep 2020 10:59

Tgt Ion: 75 Resp: 3255
 Ion Ratio Lower Upper
 75 100
 77 48.6 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.119 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018311.D

Acq: 18 Sep 2020 10:59

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15307

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.6

