

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111020\
 Data File : VV019316.D
 Acq On : 10 Nov 2020 12:04
 Operator : SY/MD
 Sample : L4659-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 02:16:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 02:14:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	241187	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	240112	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113232	50.00	ug/L	0.00

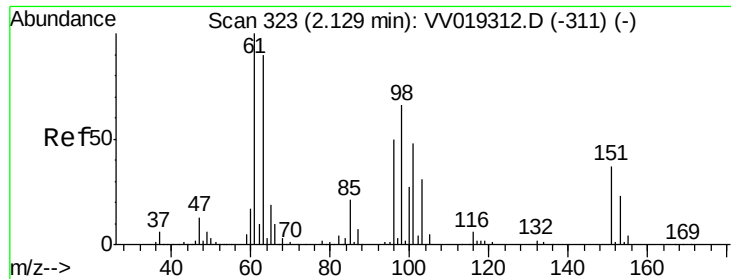
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103656	54.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.16%
7) Chloroethane-d5	1.58	69	85199	57.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.44%
11) 1,1-Dichloroethene-d2	2.12	63	156611	42.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.90%
21) 2-Butanone-d5	3.91	46	116060	98.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.86%
24) Chloroform-d	4.38	84	175939	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
26) 1,2-Dichloroethane-d4	5.05	65	123322	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
32) Benzene-d6	5.07	84	337954	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
36) 1,2-Dichloropropane-d6	6.09	67	108449	53.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.80%
41) Toluene-d8	7.34	98	301144	46.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.06%
43) trans-1,3-Dichloropropene-	7.64	79	53497	45.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.04%
47) 2-Hexanone-d5	8.11	63	70075	79.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.67%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	122139	44.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	120235	50.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.08%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1257	0.796 ug/L #	17
13) Acetone	2.19	43	3487	3.197 ug/L	97
14) Carbon disulfide	2.31	76	7422	1.510 ug/L #	95
44) trans-1,3-Dichloropropene	7.64	75	2831	0.958 ug/L	97
48) 2-Hexanone	8.15	43	6433	3.412 ug/L #	39
59) 1,2,3-Trichloropropane	11.27	75	13214	5.879 ug/L #	87

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



#10

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

Concen: 0.796 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

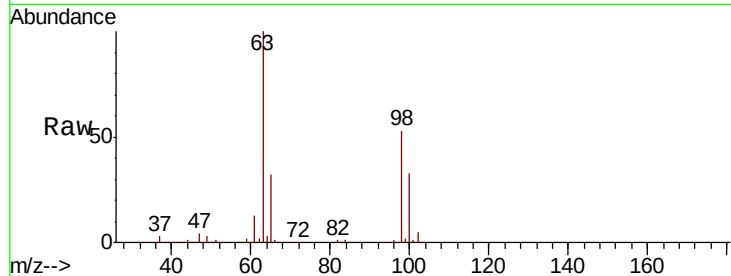
Tot Ion:101 Resp: 1257

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

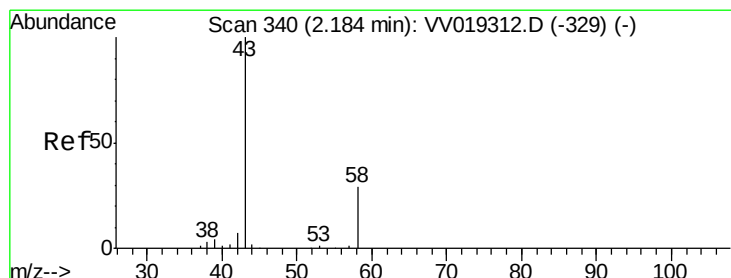
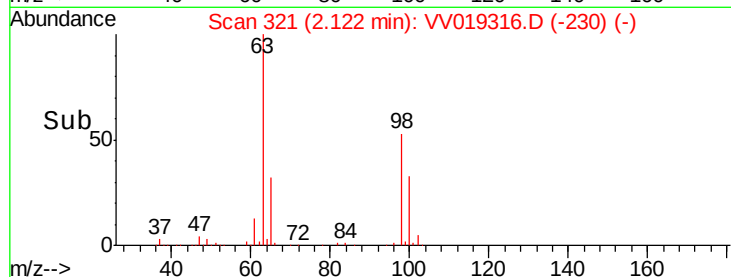
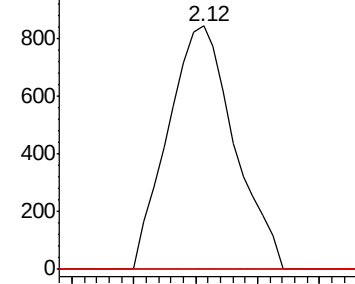
151 0.0 65.0 97.4#



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: 3.197 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

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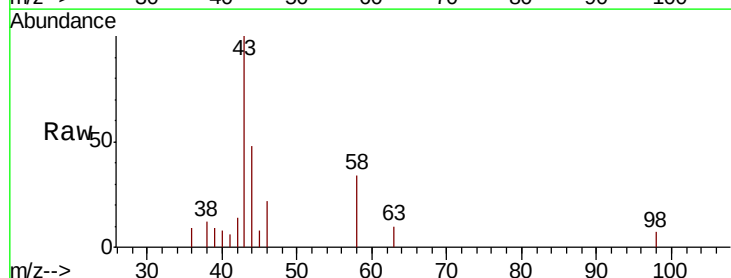
Acq: 10 Nov 2020 12:04

Tgt Ion: 43 Resp: 3487

Ion Ratio Lower Upper

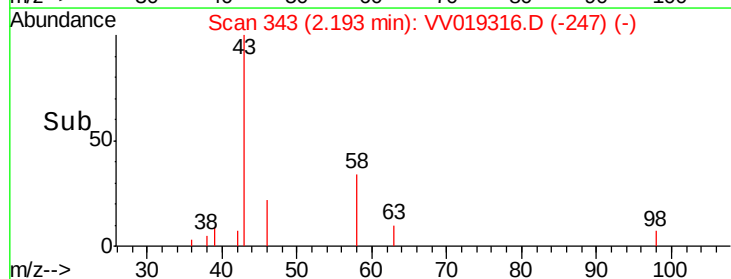
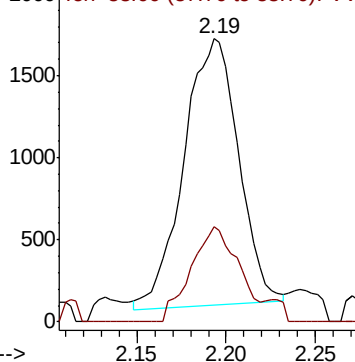
43 100

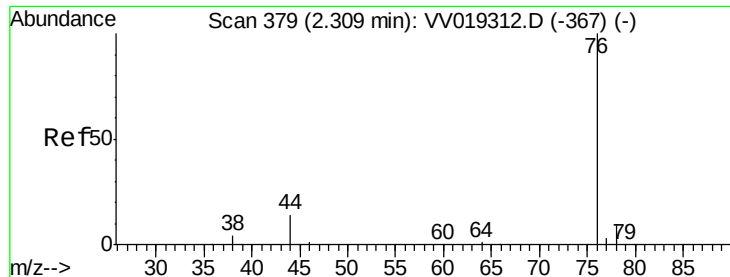
58 31.1 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

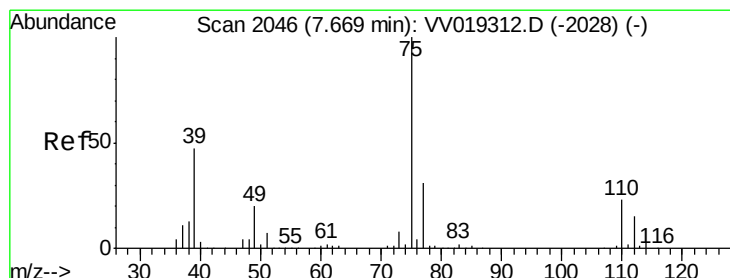
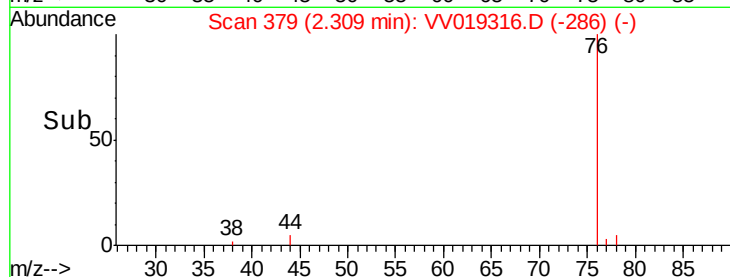
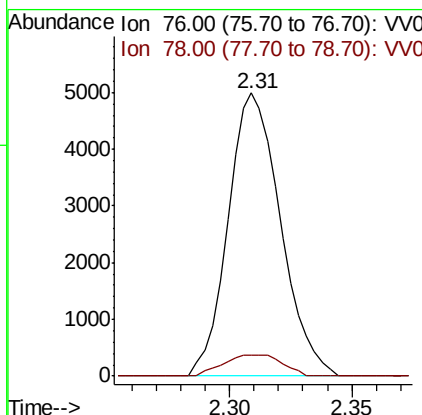
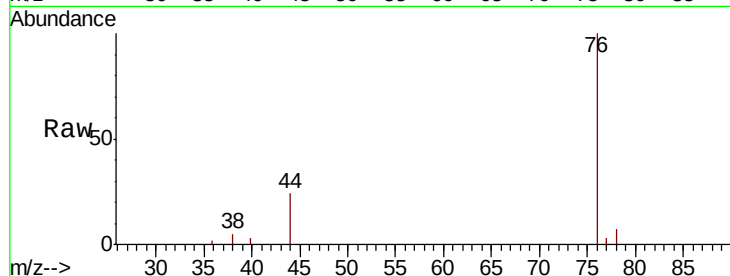




#14
Carbon disulfide
Concen: 1.510 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.00 min
Lab File: VV019316.D
Acq: 10 Nov 2020 12:04

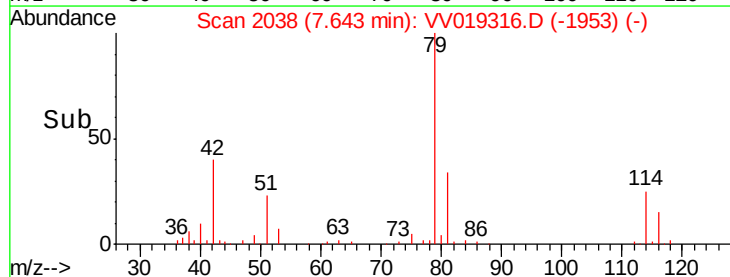
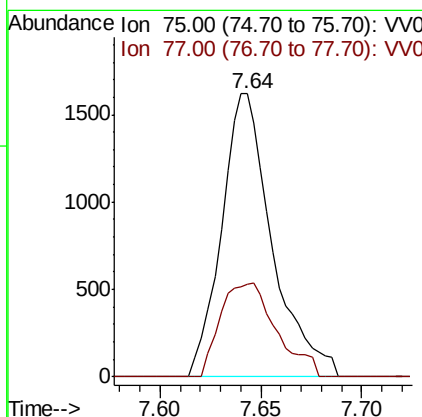
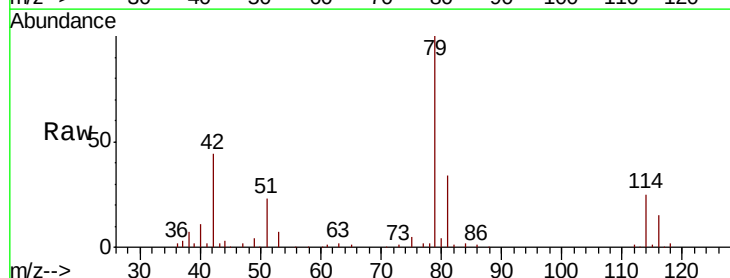
Instrument :
MSVOA_V
ClientSampled :

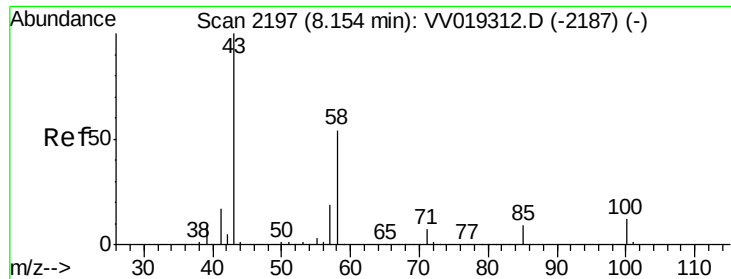
Tot Ion: 76 Resp: 7422
Ion Ratio Lower Upper
76 100
78 7.3 7.4 11.0#



#44
trans-1,3-Dichloropropene
Concen: 0.958 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV019316.D
Acq: 10 Nov 2020 12:04

Tgt Ion: 75 Resp: 2831
Ion Ratio Lower Upper
75 100
77 32.7 21.8 40.4

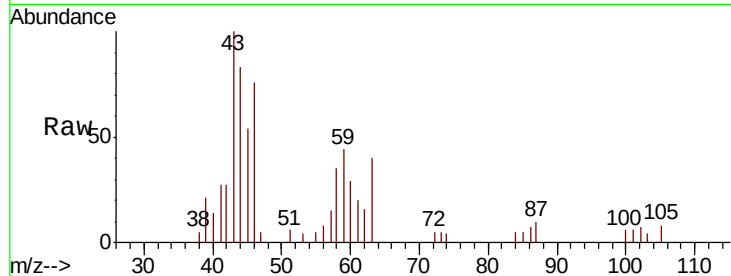




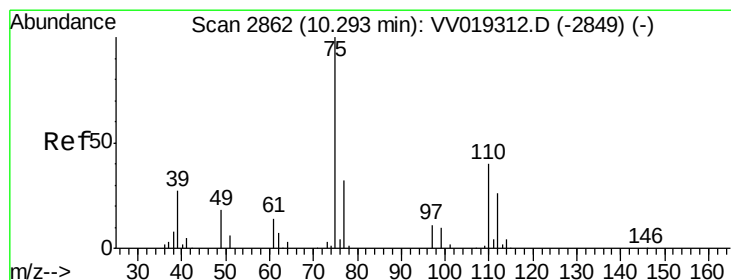
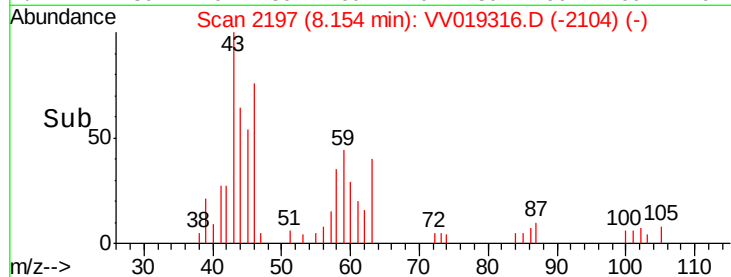
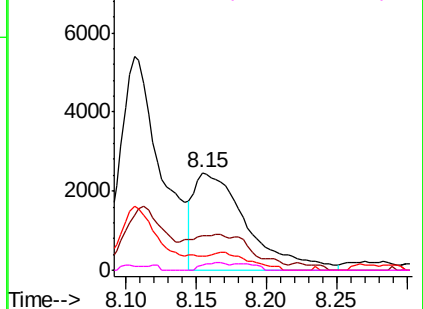
#48
2-Hexanone
Concen: 3.412 ug/L
RT: 8.15 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VV019316.D
Acq: 10 Nov 2020 12:04

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6433
Ion Ratio Lower Upper
43 100
58 0.0 43.6 65.4#
57 0.0 16.0 24.0#
100 3.8 10.3 15.5#

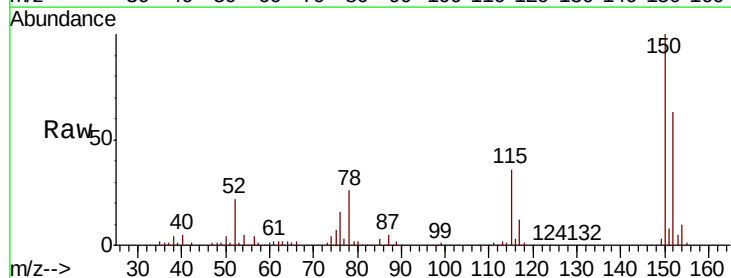


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0



#59
1,2,3-Trichloropropane
Concen: 5.879 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019316.D
Acq: 10 Nov 2020 12:04

Tgt Ion: 75 Resp: 13214
Ion Ratio Lower Upper
75 100
77 40.4 26.2 39.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

