

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111020\
 Data File : VV019315.D
 Acq On : 10 Nov 2020 11:41
 Operator : SY/MD
 Sample : L4615-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 02:15:54 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	176792	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	176907	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	83507	50.00	ug/L	0.00

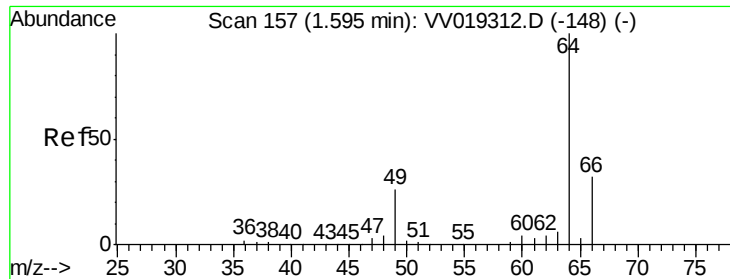
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97253	69.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	138.44%#
7) Chloroethane-d5	1.58	69	78615	72.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	144.06%#
11) 1,1-Dichloroethene-d2	2.12	63	145071	54.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.56%
21) 2-Butanone-d5	3.91	46	105759	122.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.90%
24) Chloroform-d	4.37	84	159330	60.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.94%
26) 1,2-Dichloroethane-d4	5.06	65	112453	61.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.50%
32) Benzene-d6	5.07	84	311924	62.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.32%
36) 1,2-Dichloropropane-d6	6.09	67	97515	65.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	130.34%#
41) Toluene-d8	7.34	98	275786	57.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.42%
43) trans-1,3-Dichloropropene-	7.64	79	48056	55.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.00%
47) 2-Hexanone-d5	8.11	63	61687	95.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.20%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	111035	55.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	110067	62.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	125.46%#

Target Compounds

					Ovalue
8) Chloroethane	1.32	64	1275	1.421 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1300	1.123 ug/L #	17
35) Methylcyclohexane	6.09	83	24152	12.803 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11963	9.444 ug/L #	85
44) trans-1,3-Dichloropropene	7.64	75	2241	1.030 ug/L	87
48) 2-Hexanone	8.16	43	5861	4.220 ug/L #	42
59) 1,2,3-Trichloropropane	11.27	75	9904	5.981 ug/L	91

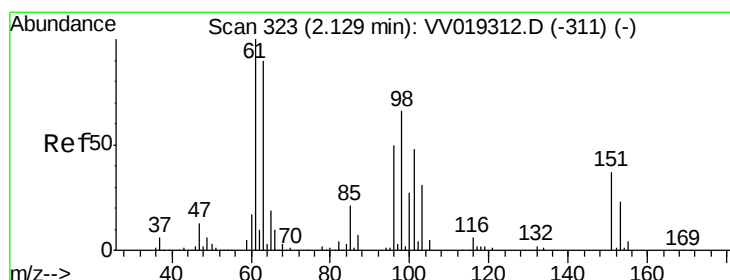
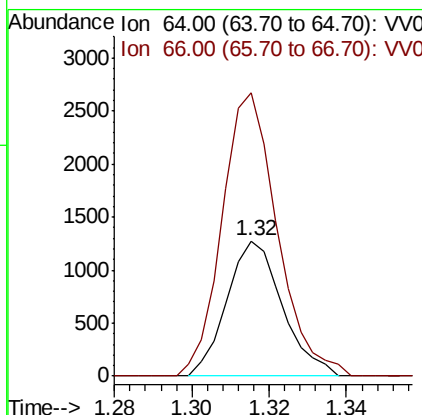
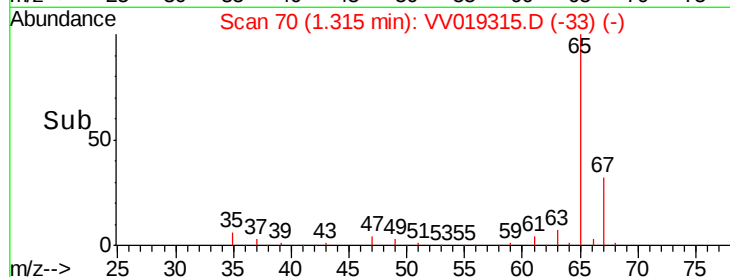
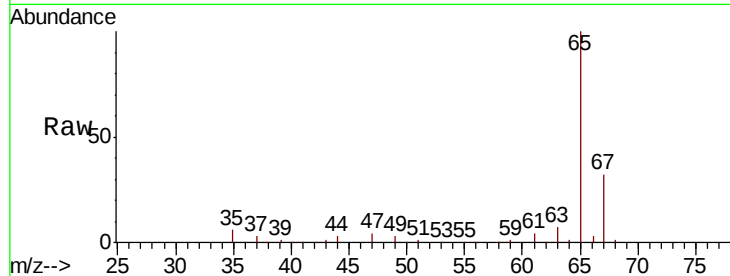
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 1.421 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.28 min
Lab File: VV019315.D
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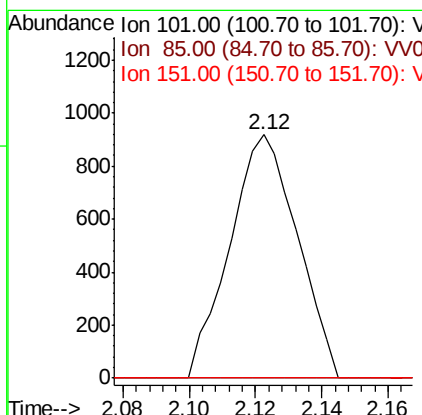
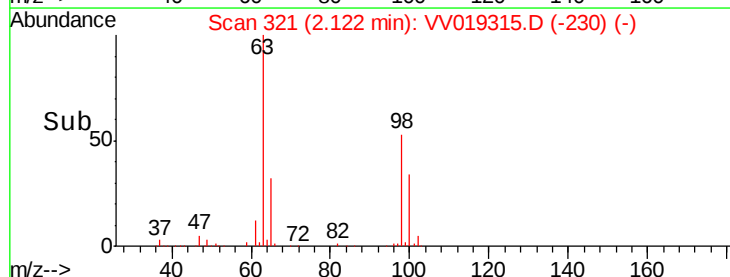
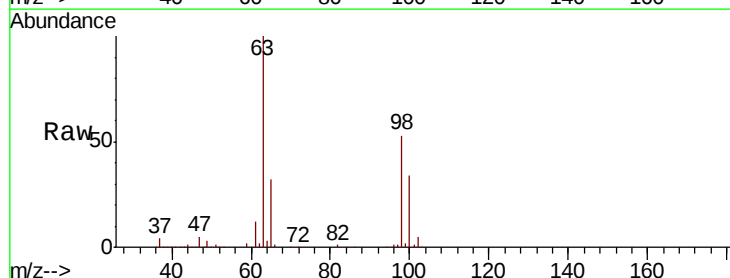
Instrument :
MSVOA_V
ClientSampleId :

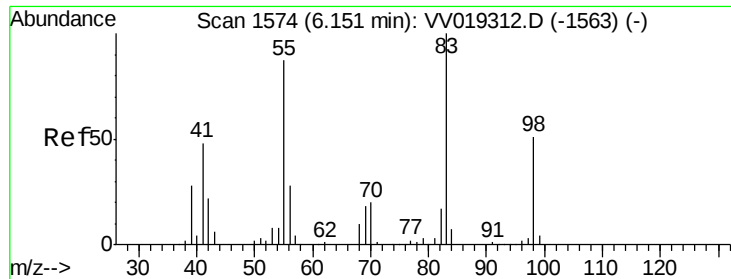
Tot Ion: 64 Resp: 1275
Ion Ratio Lower Upper
64 100
66 209.6 22.0 40.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.123 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV019315.D
Acq: 10 Nov 2020 11:41

Tgt Ion:101 Resp: 1300
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 65.0 97.4#

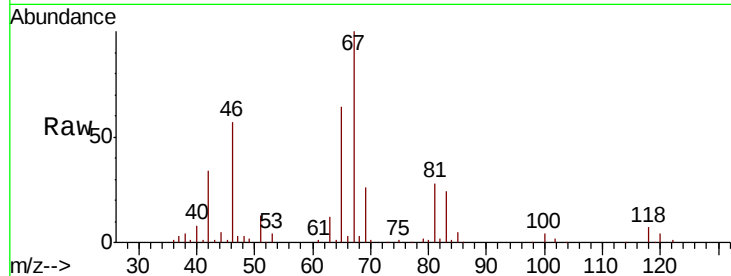




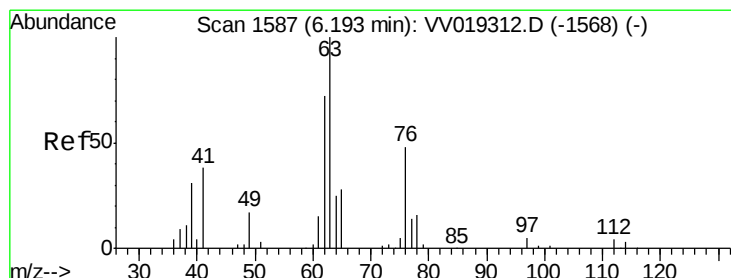
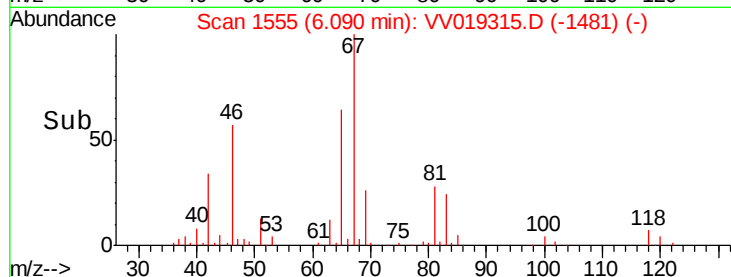
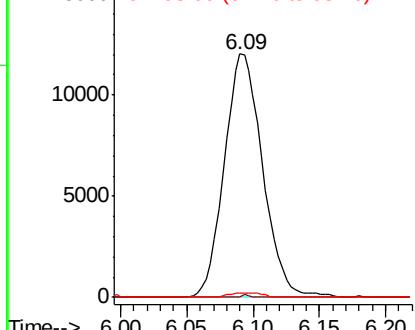
#35
Methvlcvclohexane
Concen: 12.803 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV019315.D
Acq: 10 Nov 2020 11:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 24152
Ion Ratio Lower Upper
83 100
55 0.2 62.2 93.4#
98 1.0 39.4 59.2#

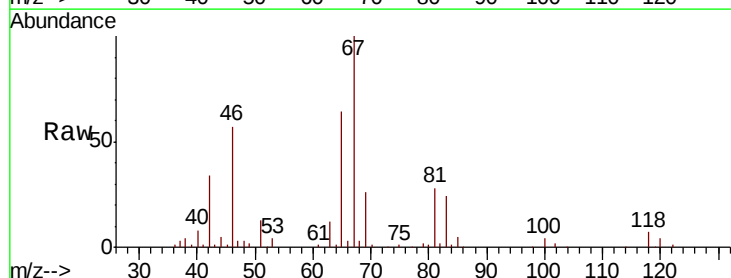


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

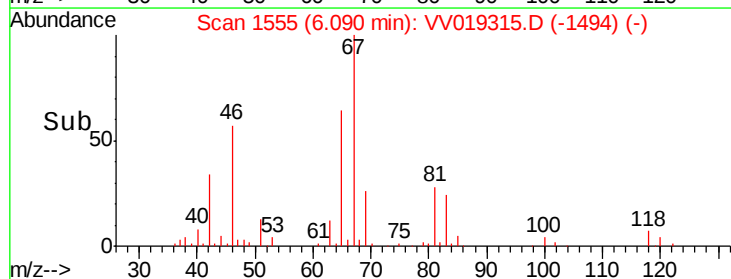
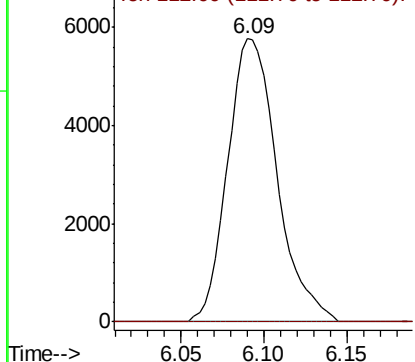


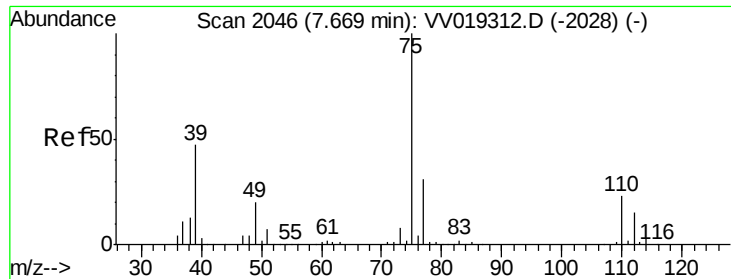
#37
1,2-Dichloropropane
Concen: 9.444 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.10 min
Lab File: VV019315.D
Acq: 10 Nov 2020 11:41

Tgt Ion: 63 Resp: 11963
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

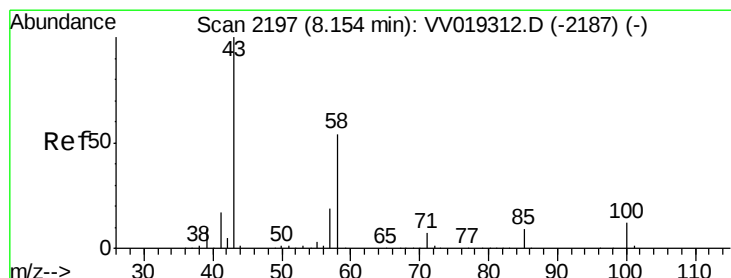
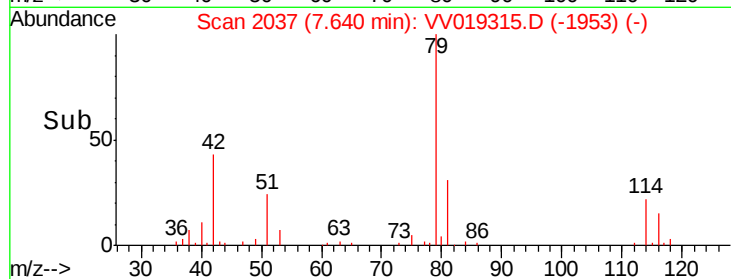
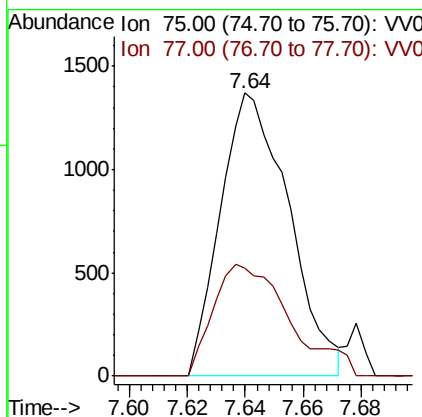
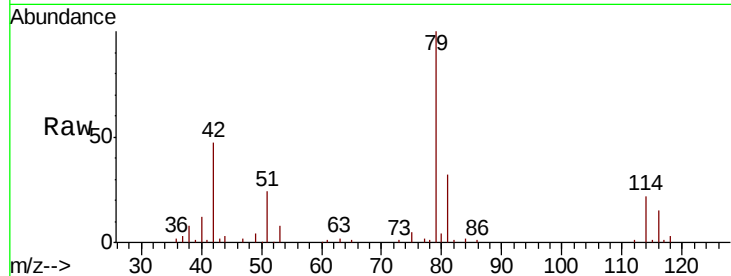




#44
trans-1,3-Dichloropropene
Concen: 1.030 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV019315.D
Acq: 10 Nov 2020 11:41

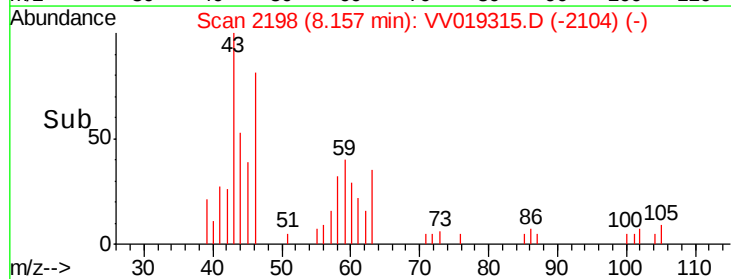
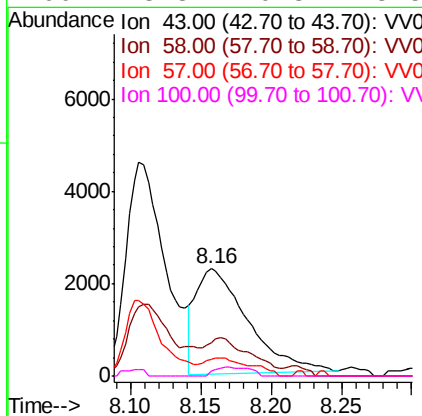
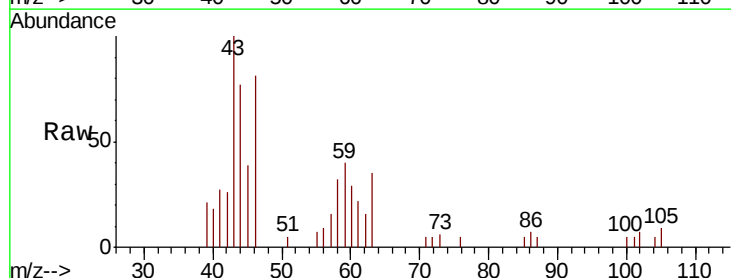
Instrument :
MSVOA_V
ClientSampleId :

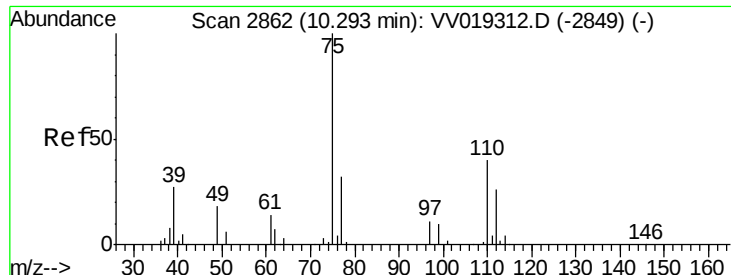
Tot Ion: 75 Resp: 2241
Ion Ratio Lower Upper
75 100
77 38.4 21.8 40.4



#48
2-Hexanone
Concen: 4.220 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV019315.D
Acq: 10 Nov 2020 11:41

Tgt Ion: 43 Resp: 5861
Ion Ratio Lower Upper
43 100
58 0.0 43.6 65.4#
57 5.6 16.0 24.0#
100 3.8 10.3 15.5#





#59

1,2,3-Trichloropropane

Concen: 5.981 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019315.D

Acq: 10 Nov 2020 11:41

Instrument :

MSVOA_V

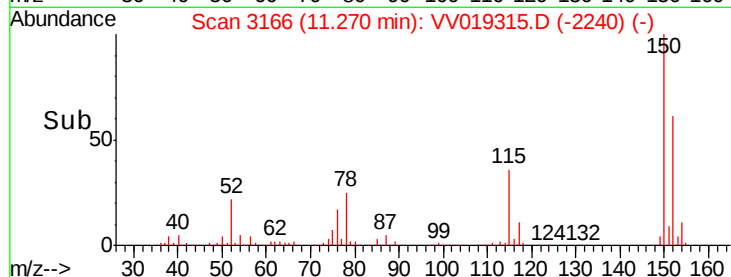
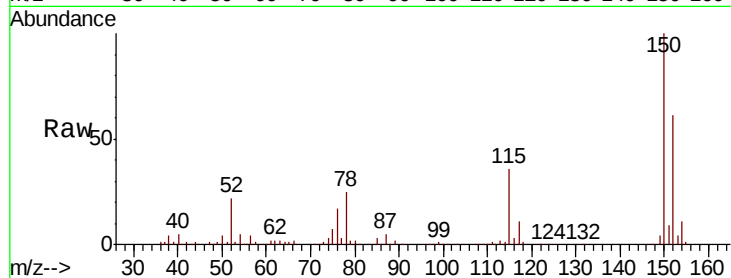
ClientSampleId :

Tot Ion: 75 Resp: 9904

Ion Ratio Lower Upper

75 100

77 37.7 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

