

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091520\
 Data File : VV018216.D
 Acq On : 15 Sep 2020 13:02
 Operator : SY/MD
 Sample : L4012-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWS8

Quant Time: Sep 16 05:46:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 16 05:45:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	307545	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302976	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151795	50.00	ug/L	0.00

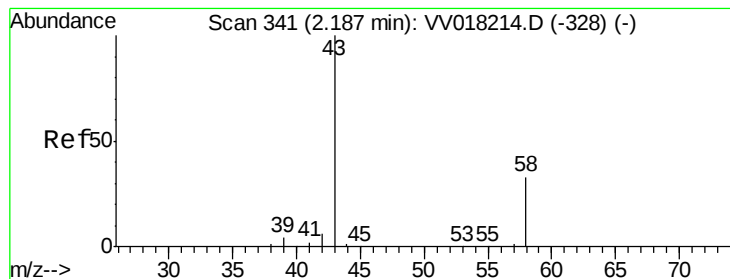
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104053	41.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.04%
7) Chloroethane-d5	1.58	69	94382	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.04%
11) 1,1-Dichloroethene-d2	2.12	63	159803	34.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.52%
21) 2-Butanone-d5	3.91	46	142074	92.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.61%
24) Chloroform-d	4.37	84	204877	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
26) 1,2-Dichloroethane-d4	5.05	65	134500	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
32) Benzene-d6	5.07	84	403839	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	6.09	67	131985	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.78%
41) Toluene-d8	7.33	98	359810	45.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.04%
43) trans-1,3-Dichloropropene-	7.64	79	63970	45.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.36%
47) 2-Hexanone-d5	8.10	63	106103	101.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.64%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	174197	50.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	154948	49.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
13) Acetone	2.20	43	8925	7.265	ug/L 99
34) Trichloroethene	5.94	95	4062	1.721	ug/L 96
35) Methylcyclohexane	6.09	83	31614	8.898	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	14231	6.200	ug/L # 87
39) cis-1,3-Dichloropropene	7.00	75	3453	0.976	ug/L # 53
48) 2-Hexanone	8.10	43	11717	5.337	ug/L # 67
59) 1,2,3-Trichloropropane	11.27	75	17277	6.399	ug/L 91

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



#13

Acetone

Concen: 7.265 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV018216.D

Acq: 15 Sep 2020 13:02

Instrument :

MSVOA_V

ClientSampled :

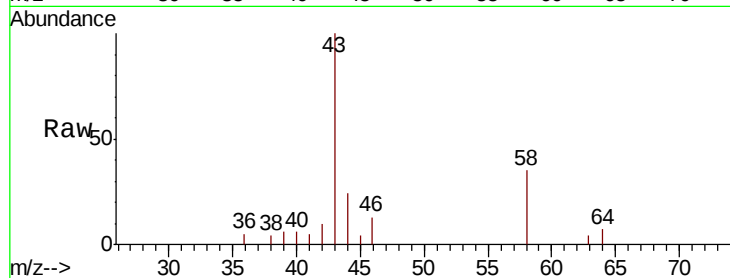
BFWS8

Tot Ion: 43 Resp: 8925

Ion Ratio Lower Upper

43 100

58 33.1 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018216.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VV018216.D (-248) (-)

2.20

4000

3000

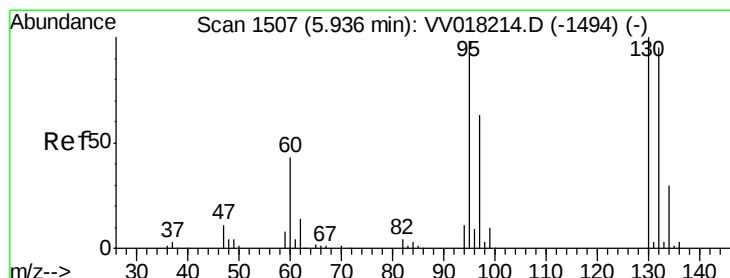
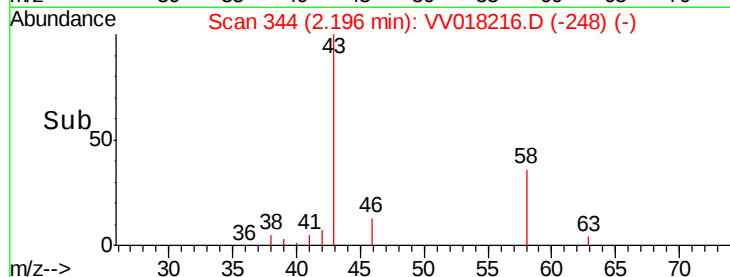
2000

1000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#34

Trichloroethene

Concen: 1.721 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018216.D

Acq: 15 Sep 2020 13:02

Tgt Ion: 95 Resp: 4062

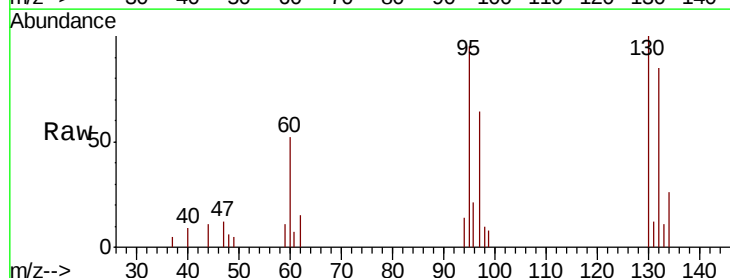
Ion Ratio Lower Upper

95 100

97 67.2 46.3 85.9

132 89.8 68.1 126.5

130 105.6 71.5 132.9



Abundance Ion 95.00 (94.70 to 95.70): VV018216.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV018216.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV018216.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV018216.D (-1414) (-)

3000

2500

2000

1500

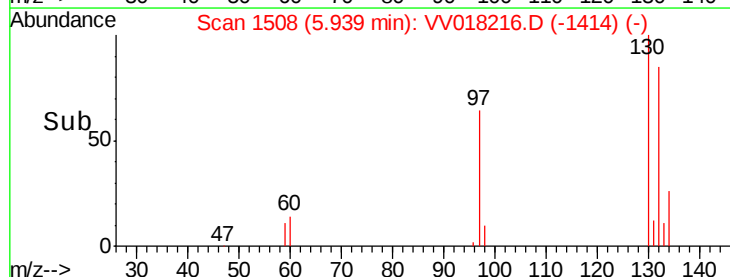
1000

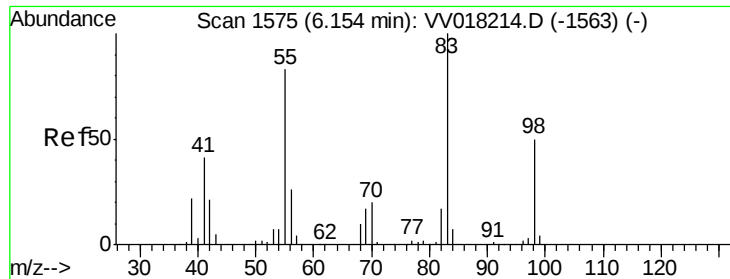
500

0

Time-->

5.90 5.95 6.00

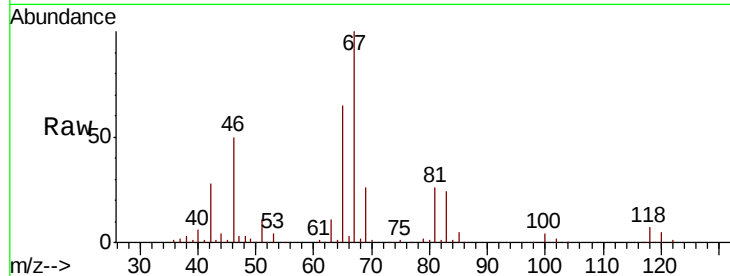




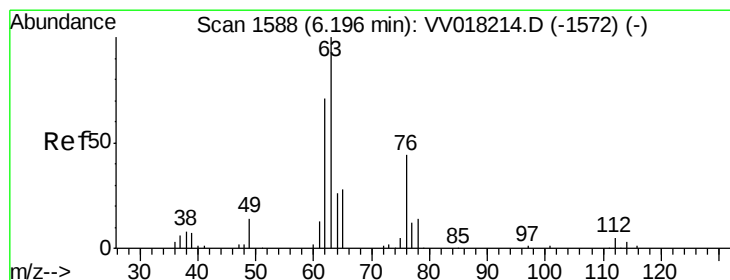
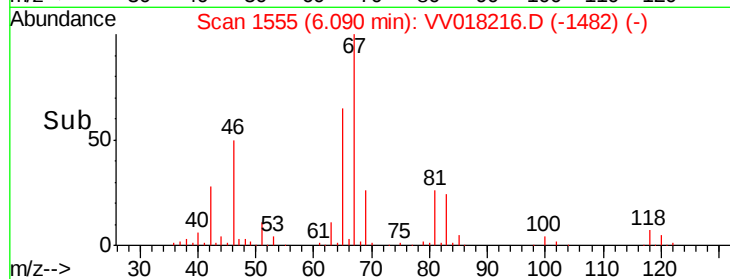
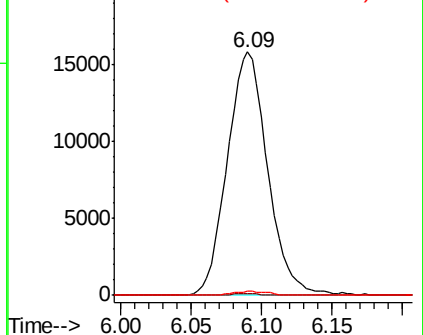
#35
Methvlcvclohexane
Concen: 8.898 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018216.D
Acq: 15 Sep 2020 13:02

Instrument :
MSVOA_V
ClientSampleId :
BFWS8

Tot Ion	83	Resp	31614
Ion Ratio	Lower	Upper	
83	100		
55	0.2	63.4	95.2#
98	1.4	38.8	58.2#

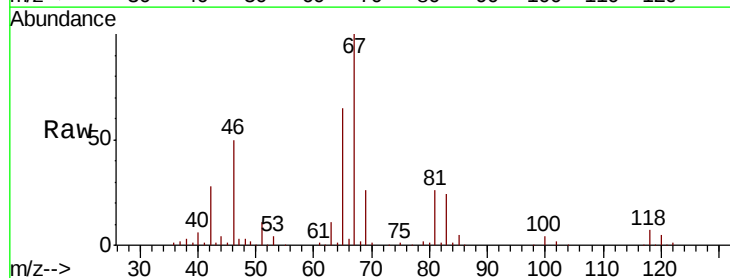


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

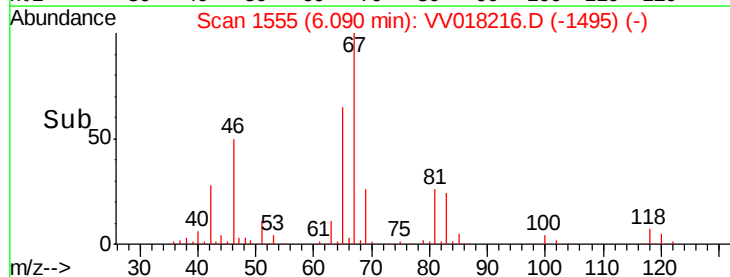
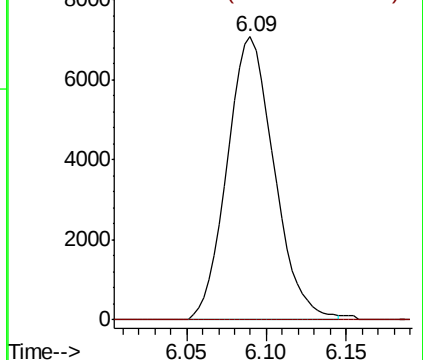


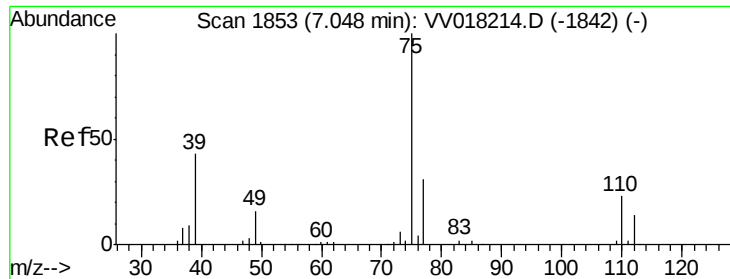
#37
1,2-Dichloropropane
Concen: 6.200 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.11 min
Lab File: VV018216.D
Acq: 15 Sep 2020 13:02

Tgt Ion	63	Resp	14231
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.4	5.2#



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

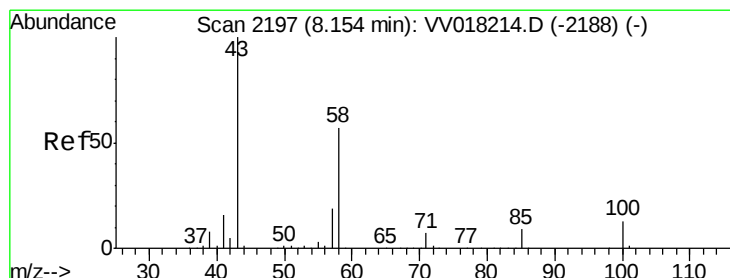
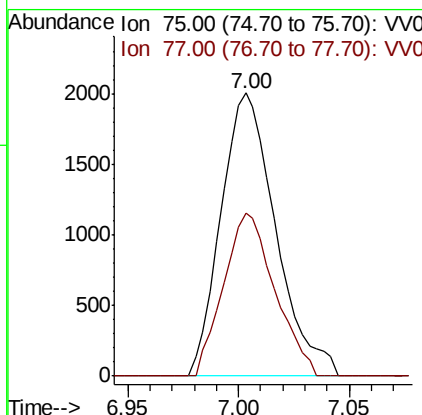
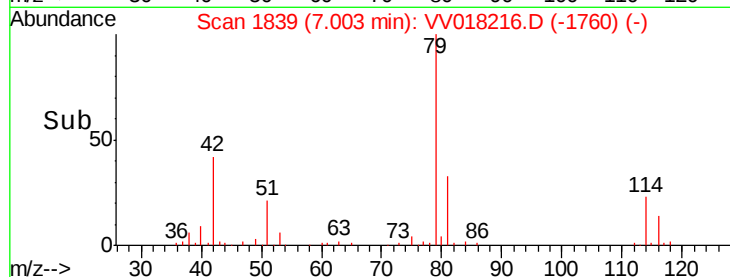
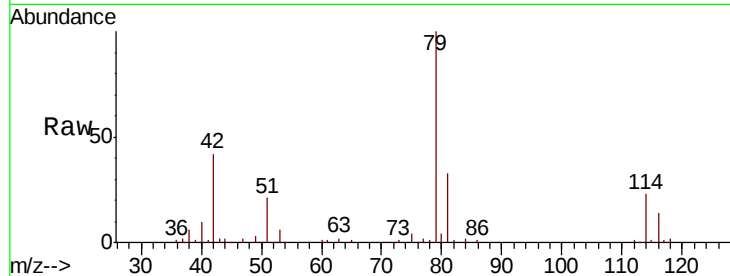




#39
 cis-1,3-Dichloropropene
 Concen: 0.976 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV018216.D
 Acq: 15 Sep 2020 13:02

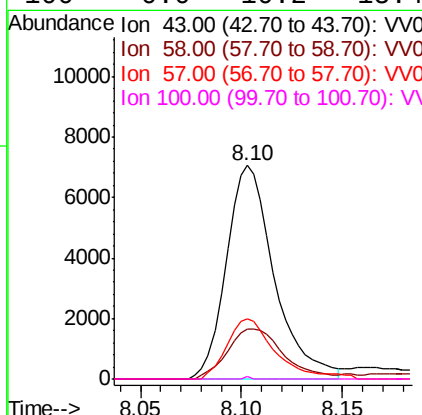
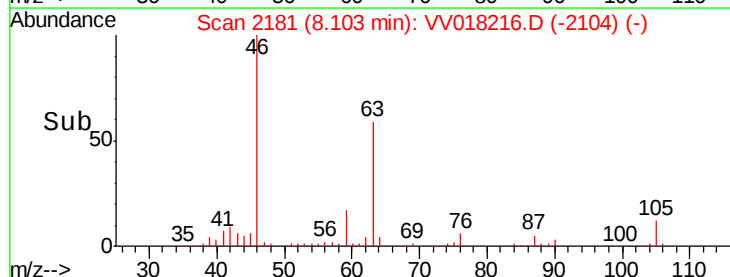
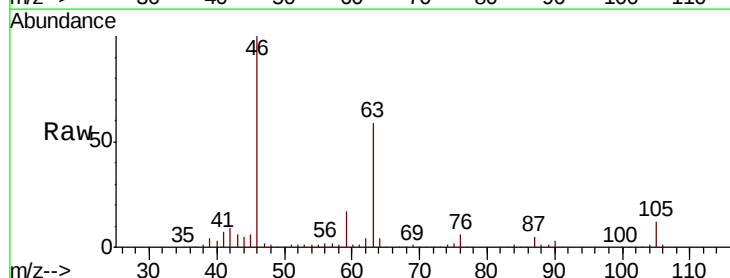
Instrument :
 MSVOA_V
 ClientSampled :
 BFWs8

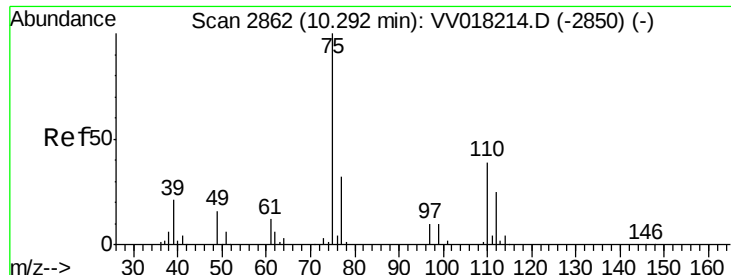
Tot Ion: 75 Resp: 3453
 Ion Ratio Lower Upper
 75 100
 77 57.8 22.3 41.3#



#48
 2-Hexanone
 Concen: 5.337 ug/L
 RT: 8.10 min Scan# 2181
 Delta R.T. -0.05 min
 Lab File: VV018216.D
 Acq: 15 Sep 2020 13:02

Tgt Ion: 43 Resp: 11717
 Ion Ratio Lower Upper
 43 100
 58 27.4 44.8 67.2#
 57 27.6 15.8 23.6#
 100 0.0 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.399 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018216.D

Acq: 15 Sep 2020 13:02

Instrument :

MSVOA_V

ClientSampleId :

BFWS8

Tot Ion: 75 Resp: 17277

Ion Ratio Lower Upper

75 100

77 37.0 25.8 38.6

