

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091520\
 Data File : VV018217.D
 Acq On : 15 Sep 2020 13:25
 Operator : SY/MD
 Sample : L4012-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWT2

Quant Time: Sep 16 05:46:29 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	296593	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	293140	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144564	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96643	39.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.96%
7) Chloroethane-d5	1.58	69	88751	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.74%
11) 1,1-Dichloroethene-d2	2.13	63	149996	33.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.66%
21) 2-Butanone-d5	3.91	46	138319	93.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.49%
24) Chloroform-d	4.38	84	196253	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.06	65	127484	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
32) Benzene-d6	5.08	84	386269	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
36) 1,2-Dichloropropane-d6	6.09	67	127563	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.68%
41) Toluene-d8	7.34	98	344889	45.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.64	79	62182	45.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.78%
47) 2-Hexanone-d5	8.11	63	105500	104.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.45%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	168844	50.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	151300	50.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.92%

Target Compounds

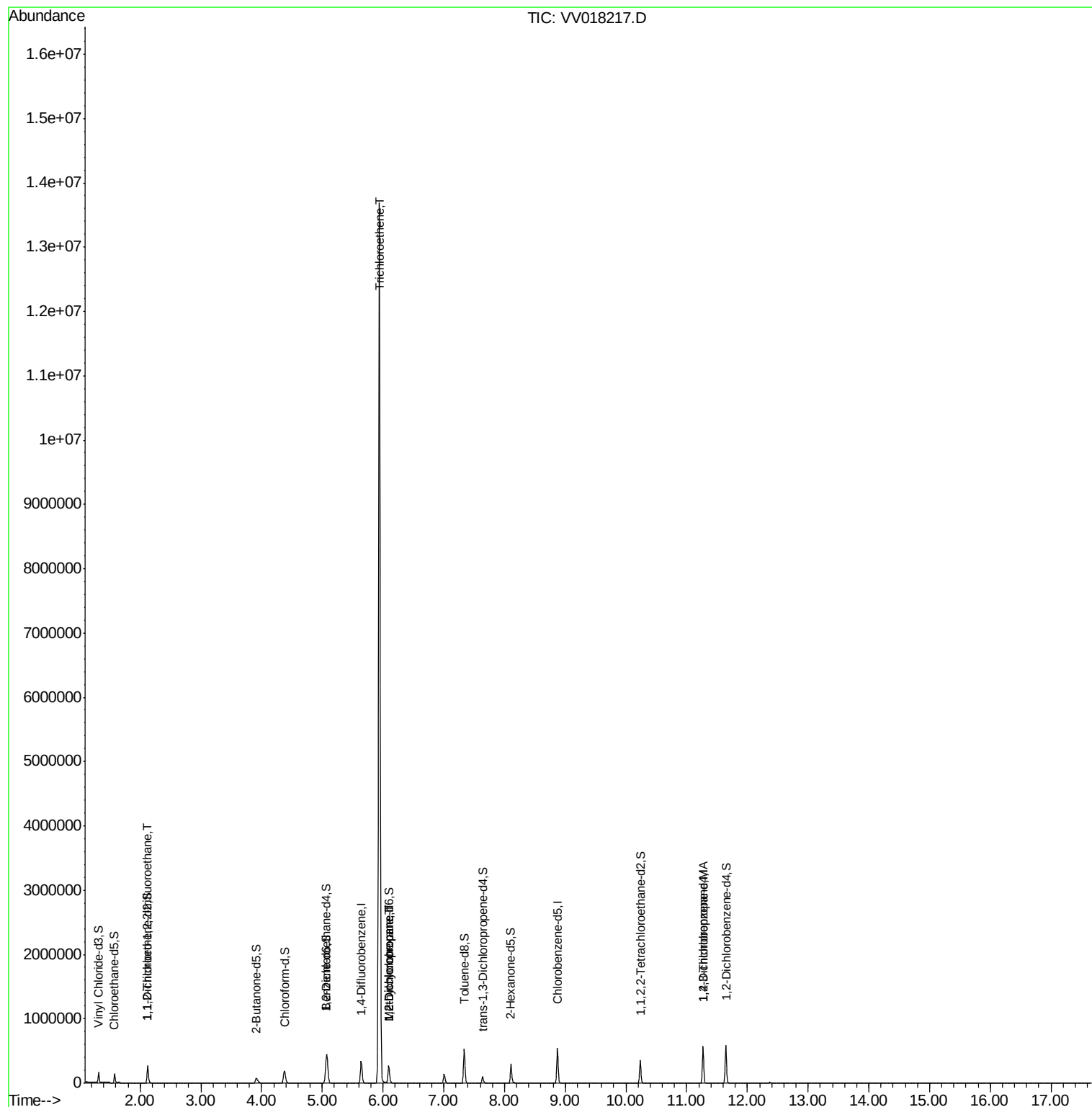
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1345	0.672 ug/L #	19
34) Trichloroethene	5.94	95	4663793	2042.709 ug/L	100
35) Methylcyclohexane	6.09	83	30538	8.883 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	13766	6.198 ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	16690	6.389 ug/L	94

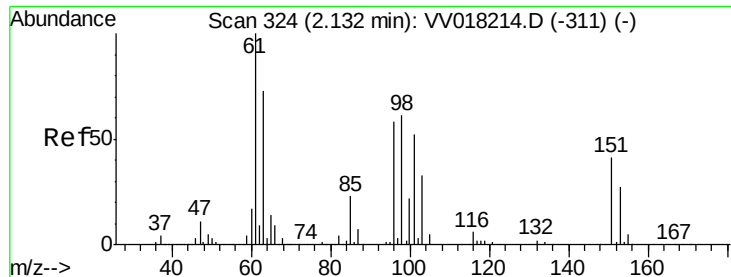
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.672 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018217.D

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BFWT2

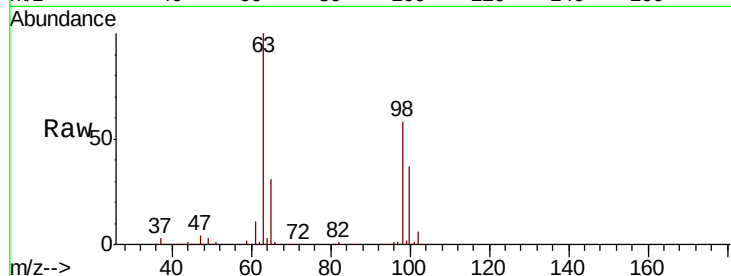
Tot Ion:101 Resp: 1345

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

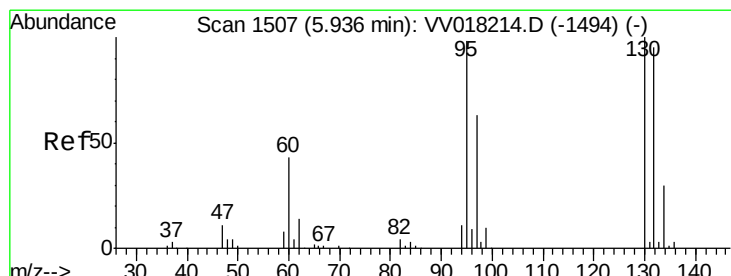
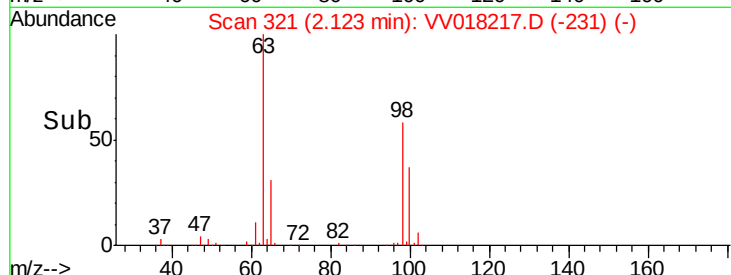
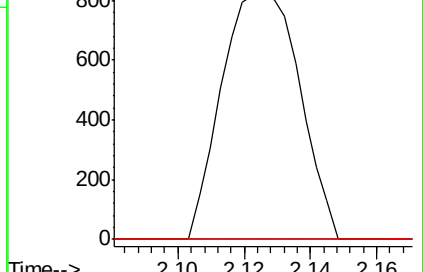
151 0.0 62.2 93.2#



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



#34

Trichloroethene

Concen: 2042.709 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018217.D

Acq: 15 Sep 2020 13:25

Tgt Ion: 95 Resp: 4663793

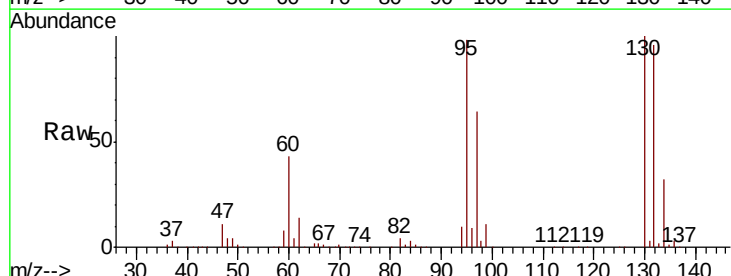
Ion Ratio Lower Upper

95 100

97 65.6 46.3 85.9

132 98.1 68.1 126.5

130 102.2 71.5 132.9

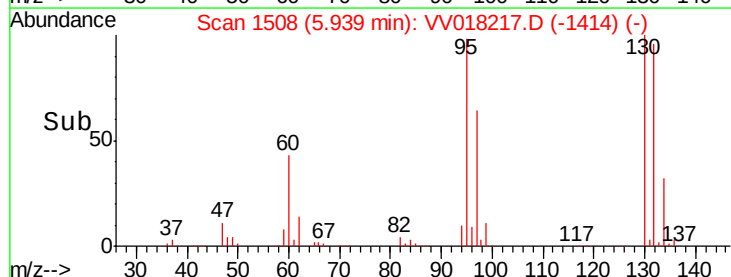
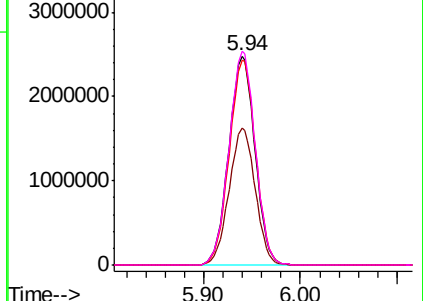


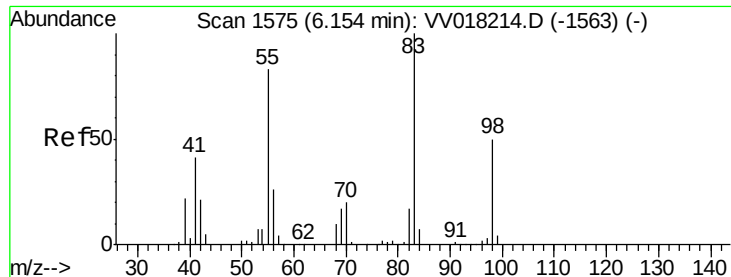
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

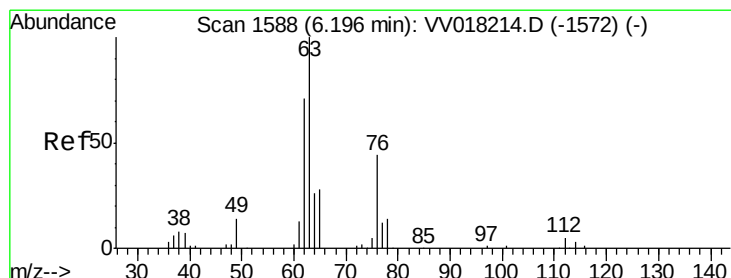
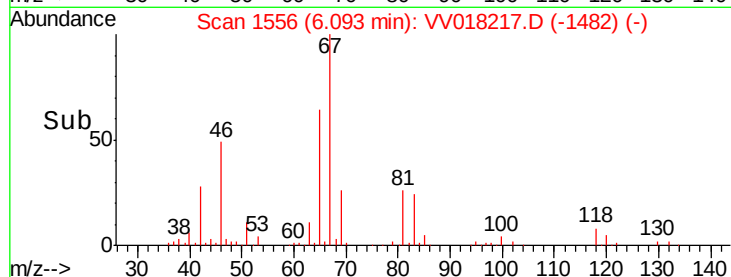
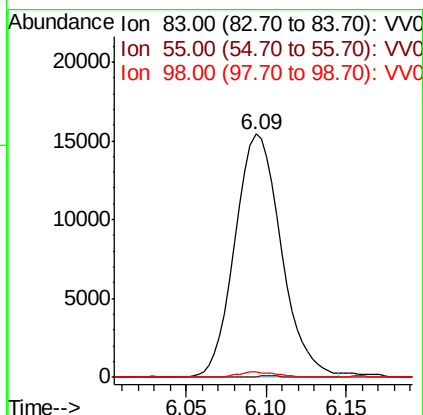
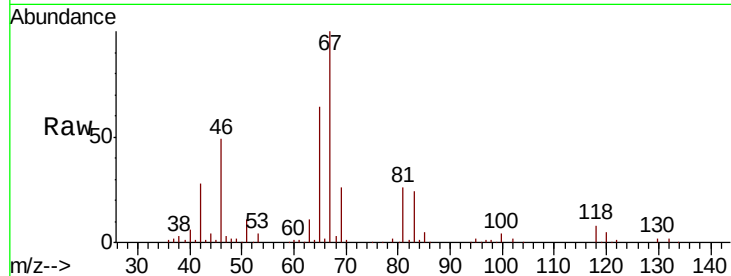




#35
Methylvlclohexane
Concen: 8.883 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018217.D
Acq: 15 Sep 2020 13:25

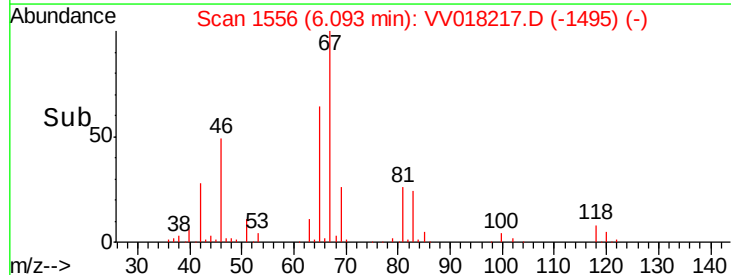
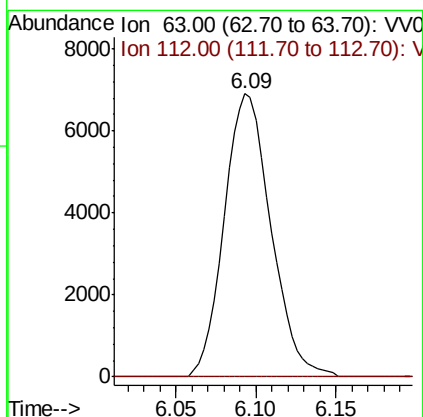
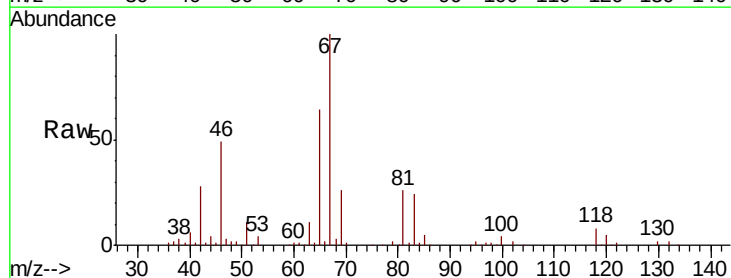
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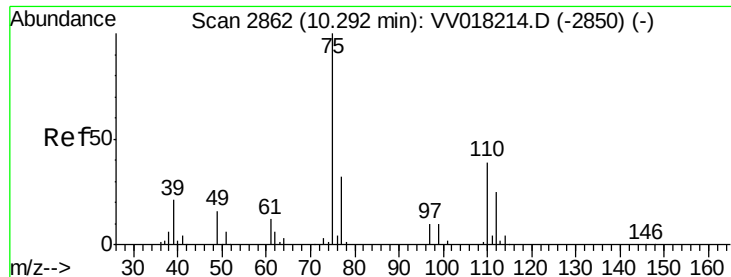
Tot Ion	83	Resp	30538
Ion Ratio	Lower	Upper	
83	100		
55	0.3	63.4	95.2#
98	1.9	38.8	58.2#



#37
1,2-Dichloropropane
Concen: 6.198 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018217.D
Acq: 15 Sep 2020 13:25

Tgt Ion	63	Resp	13766
Ion Ratio	Lower	Upper	
63	100		
112	0.3	3.4	5.2#





#59

1,2,3-Trichloropropane

Concen: 6.389 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018217.D

Acq: 15 Sep 2020 13:25

Instrument :

MSVOA_V

ClientSampleId :

BFWT2

Tot Ion: 75 Resp: 16690

Ion Ratio Lower Upper

75 100

77 35.8 25.8 38.6

