

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
 Data File : VV019096.D
 Acq On : 23 Oct 2020 16:55
 Operator : SY/MD
 Sample : L4502-04 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 03:33:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 03:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	272004	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268117	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128574	50.00	ug/L	0.00

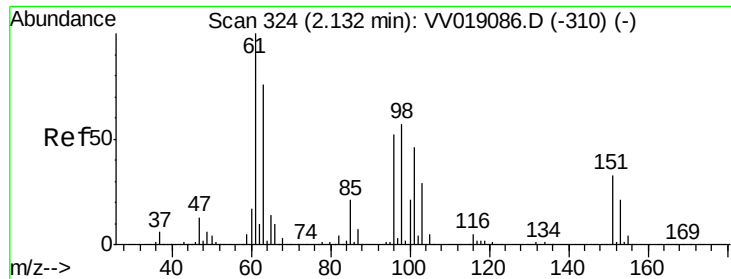
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106942	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.56%
7) Chloroethane-d5	1.58	69	87927	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.42%
11) 1,1-Dichloroethene-d2	2.12	63	167037	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.18%
21) 2-Butanone-d5	3.92	46	142552	85.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.78%
24) Chloroform-d	4.37	84	189965	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
26) 1,2-Dichloroethane-d4	5.06	65	136003	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
32) Benzene-d6	5.07	84	371923	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
36) 1,2-Dichloropropane-d6	6.09	67	118279	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.04%
41) Toluene-d8	7.34	98	330743	45.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.64	79	59698	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.70%
47) 2-Hexanone-d5	8.11	63	102604	88.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	151492	42.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	131686	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1516	0.835 ug/L #	20
34) Trichloroethene	5.95	95	1950	0.940 ug/L	86
39) cis-1,3-Dichloropropene	7.01	75	3811	1.141 ug/L #	70
46) Tetrachloroethene	8.00	164	48630	30.553 ug/L	99
48) 2-Hexanone	8.11	43	12664	5.383 ug/L #	73
59) 1,2,3-Trichloropropane	11.27	75	16012	6.060 ug/L	93

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



#10

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

Concen: 0.835 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

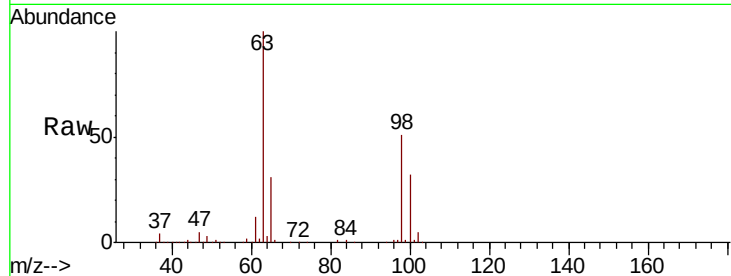
Tot Ion:101 Resp: 1516

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

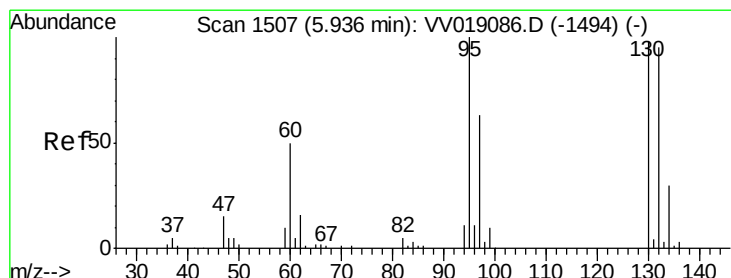
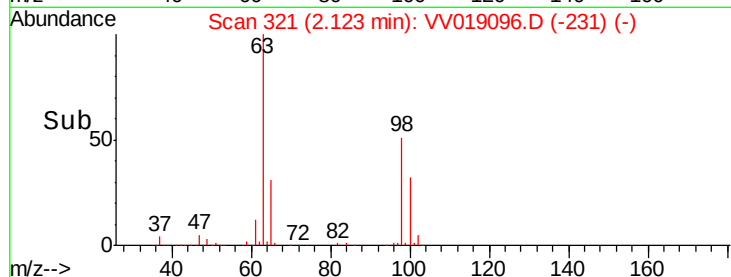
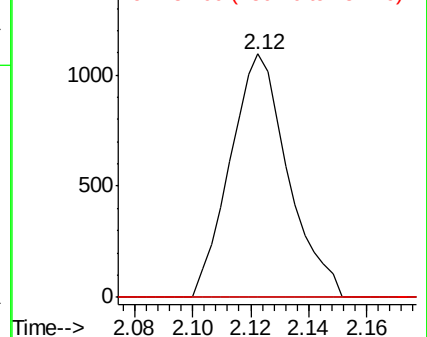
151 0.0 58.2 87.2#



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: 0.940 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VV019096.D

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Tgt Ion: 95 Resp: 1950

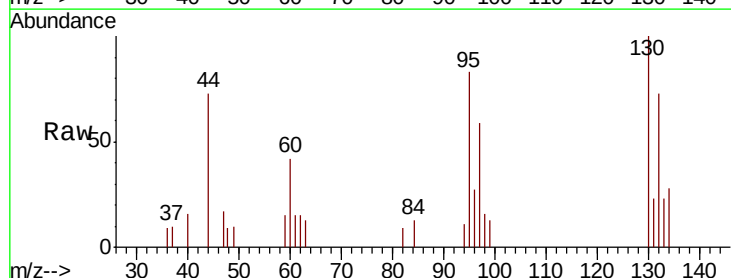
Ion Ratio Lower Upper

95 100

97 70.9 44.6 82.8

132 88.5 66.0 122.6

130 120.8 67.6 125.6

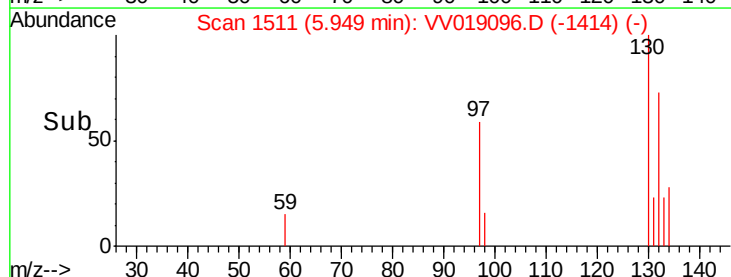
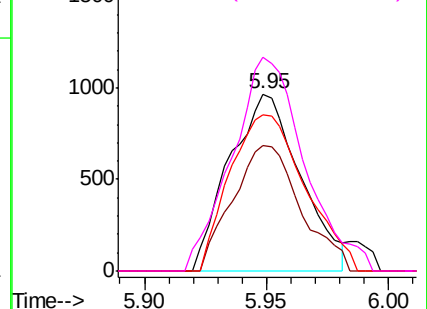


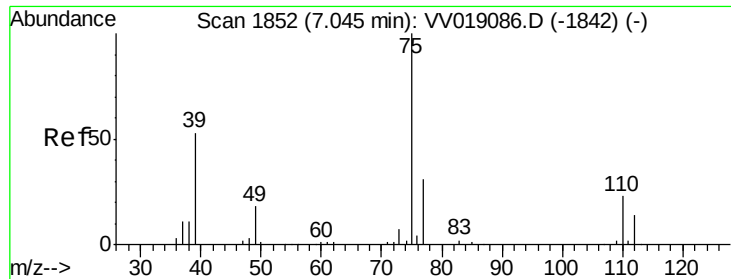
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

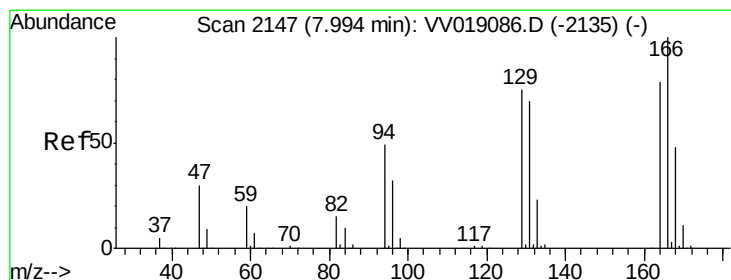
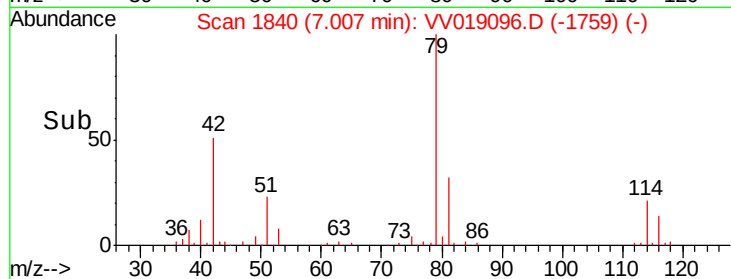
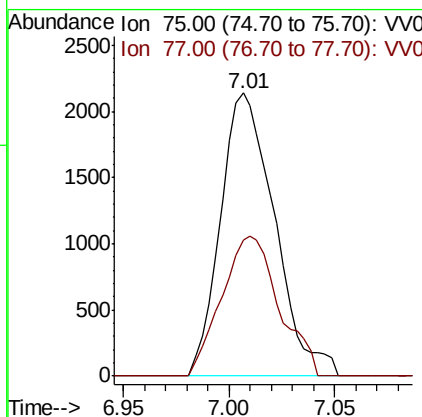
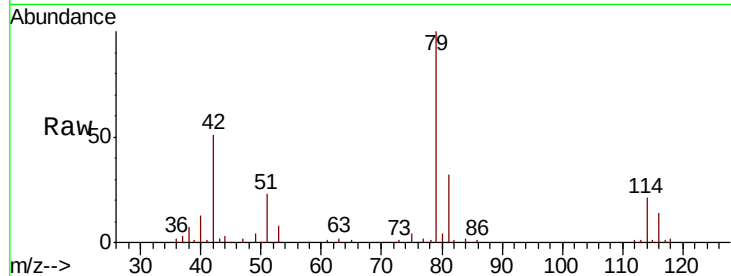




#39
 cis-1,3-Dichloropropene
 Concen: 1.141 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019096.D
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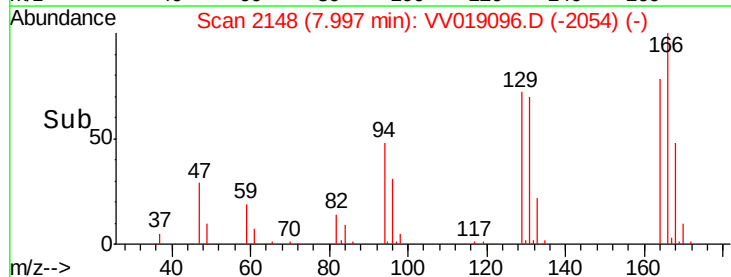
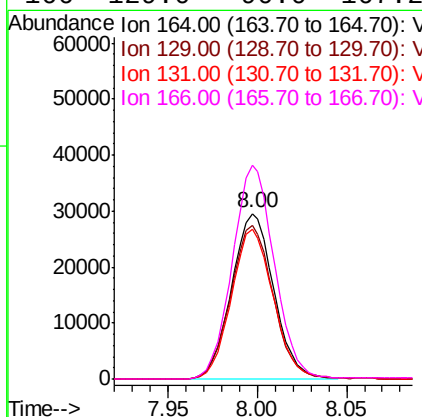
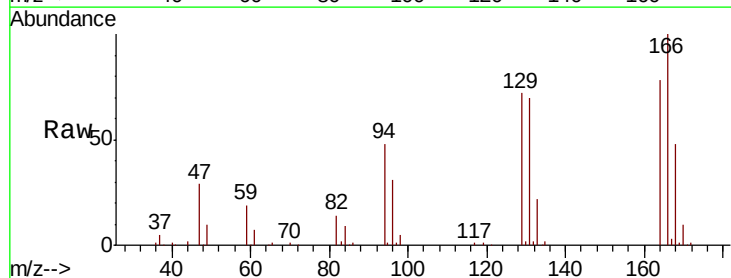
Instrument :
 MSVOA_V
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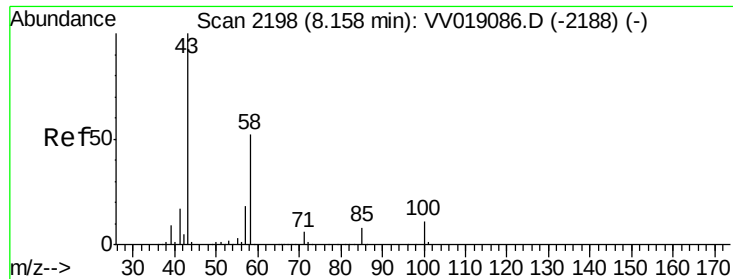
Tot Ion: 75 Resp: 3811
 Ion Ratio Lower Upper
 75 100
 77 48.0 22.1 41.1#



#46
 Tetrachloroethene
 Concen: 30.553 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV019096.D
 Acq: 23 Oct 2020 16:55

Tgt Ion: 164 Resp: 48630
 Ion Ratio Lower Upper
 164 100
 129 92.7 65.5 121.6
 131 90.4 62.4 115.8
 166 129.0 90.0 167.2

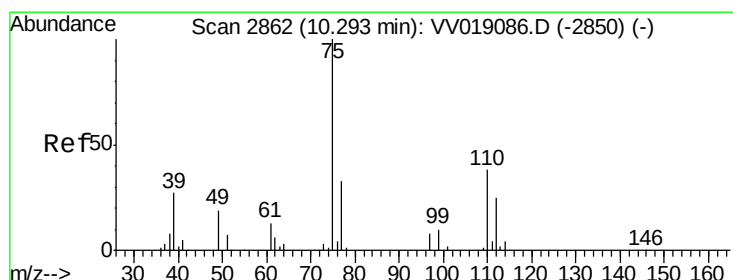
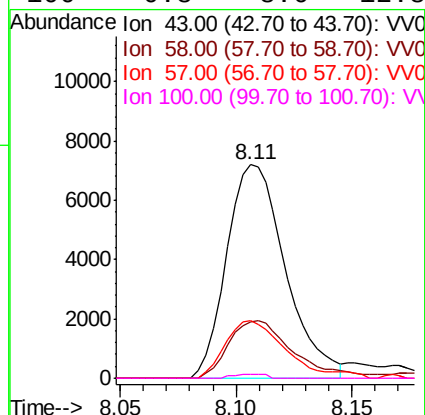
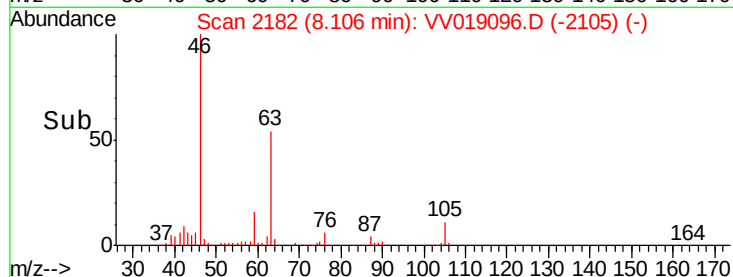
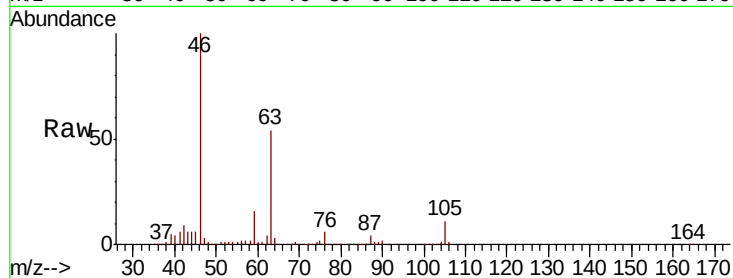




#48
 2-Hexanone
 Concen: 5.383 ug/L
 RT: 8.11 min Scan# 2182
 Delta R.T. -0.05 min
 Lab File: VV019096.D
 Acq: 23 Oct 2020 16:55

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 43 Resp: 12664
 Ion Ratio Lower Upper
 43 100
 58 29.9 41.1 61.7#
 57 26.8 14.7 22.1#
 100 0.8 8.6 12.8#



#59
 1,2,3-Trichloropropane
 Concen: 6.060 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019096.D
 Acq: 23 Oct 2020 16:55

Tgt Ion: 75 Resp: 16012
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.9 38.9

