

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019012.D
 Acq On : 20 Oct 2020 14:24
 Operator : SY/MD
 Sample : L4430-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 06:10:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 06:02:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	293444	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283515	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127116	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73337	30.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.72%
7) Chloroethane-d5	1.58	69	77465	40.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.96%
11) 1,1-Dichloroethene-d2	2.12	63	133850	29.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.70%#
21) 2-Butanone-d5	3.91	46	170675	101.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.37%
24) Chloroform-d	4.38	84	193484	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.16%
26) 1,2-Dichloroethane-d4	5.06	65	133671	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
32) Benzene-d6	5.08	84	369746	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
36) 1,2-Dichloropropane-d6	6.09	67	125908	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.16%
41) Toluene-d8	7.34	98	310778	41.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.72%
43) trans-1,3-Dichloropropene-	7.64	79	54616	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.44%
47) 2-Hexanone-d5	8.11	63	88333	89.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	130473	42.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	127217	49.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.38%

Target Compounds

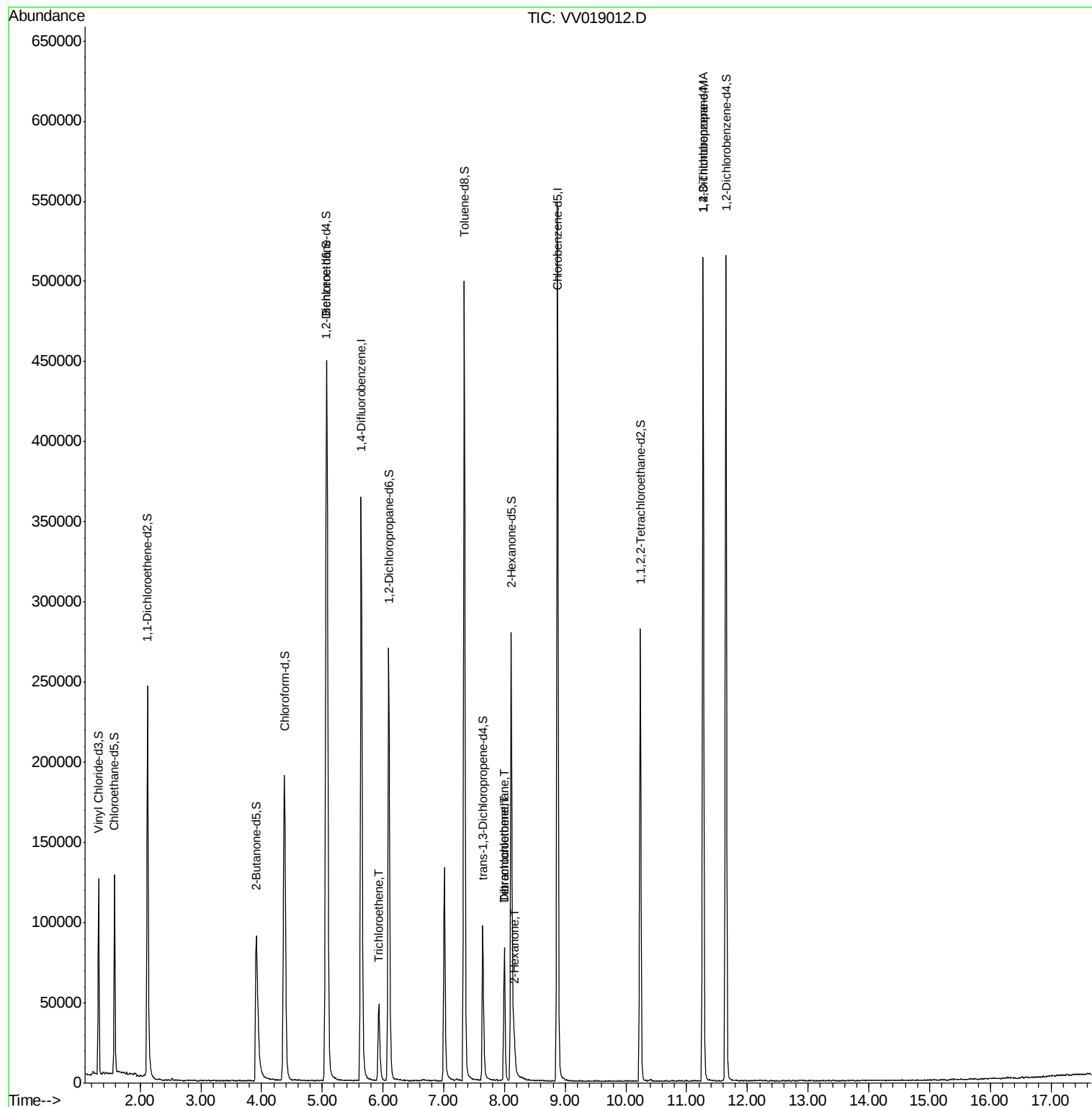
					Ovalue
34) Trichloroethene	5.94	95	4423	1.765 ug/L	96
46) Tetrachloroethene	8.00	164	18849	10.672 ug/L	94
48) 2-Hexanone	8.16	43	13808	5.428 ug/L #	84
49) Dibromochloromethane	8.00	129	17718	7.733 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	14805	5.257 ug/L #	87

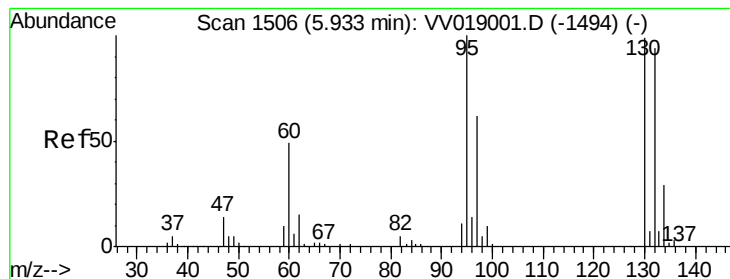
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 1.765 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV019012.D

Acq: 20 Oct 2020 14:24

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 4423

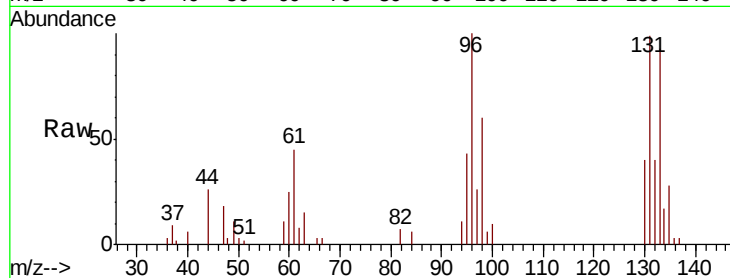
Ion Ratio Lower Upper

95 100

97 61.8 44.7 82.9

132 94.7 67.0 124.4

130 92.7 70.8 131.6

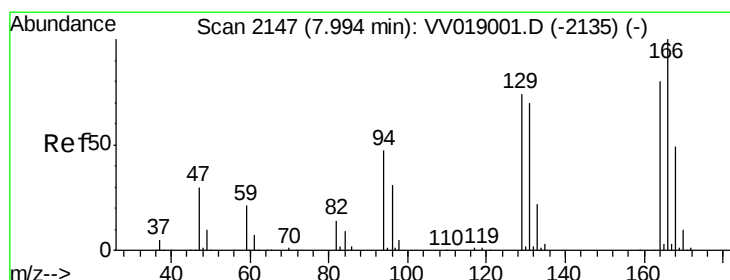
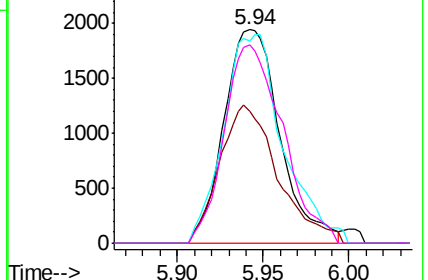
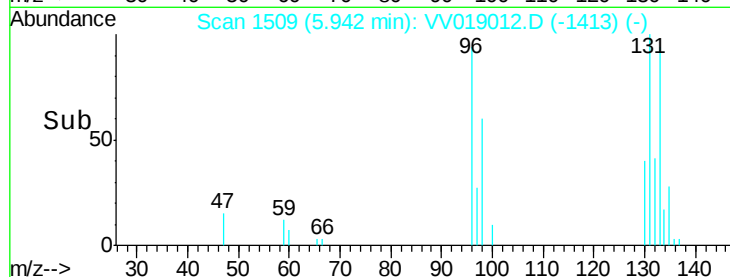


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#46

Tetrachloroethene

Concen: 10.672 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV019012.D

Acq: 20 Oct 2020 14:24

Tgt Ion: 164 Resp: 18849

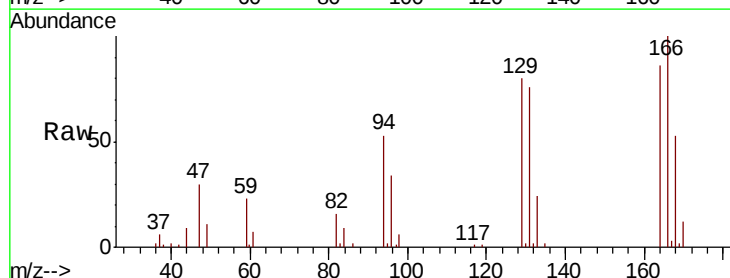
Ion Ratio Lower Upper

164 100

129 92.9 65.0 120.8

131 88.1 62.9 116.7

166 116.1 91.1 169.3

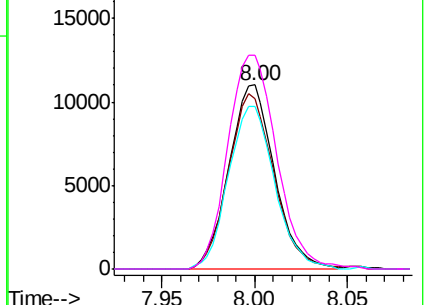
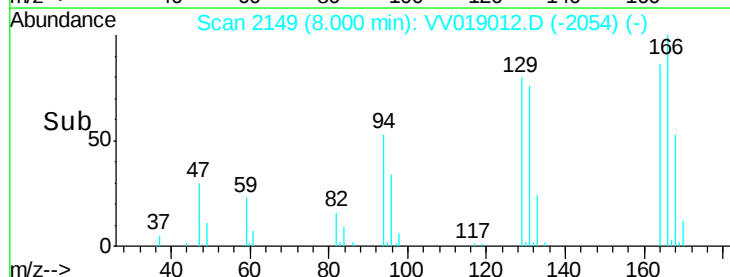


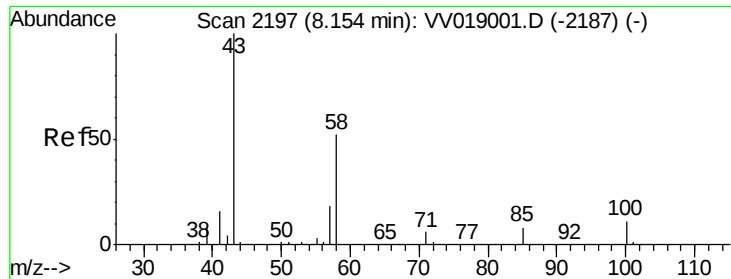
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

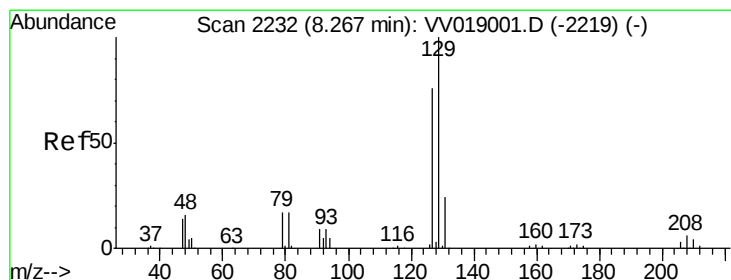
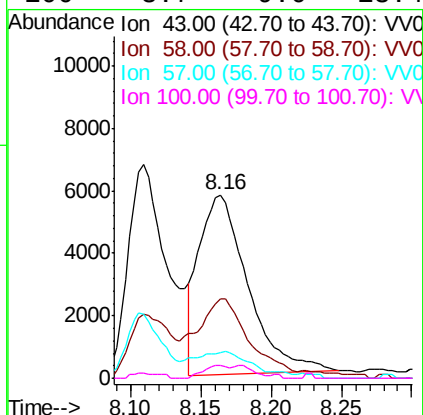
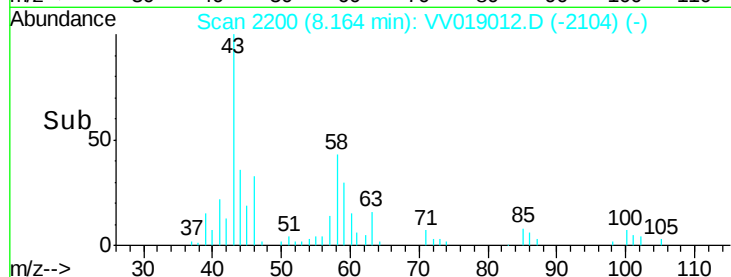
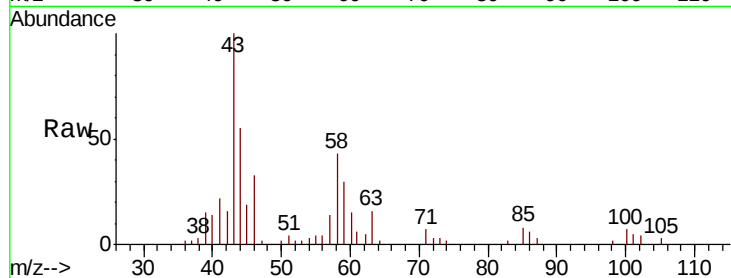




#48
2-Hexanone
Concen: 5.428 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV019012.D
Acq: 20 Oct 2020 14:24

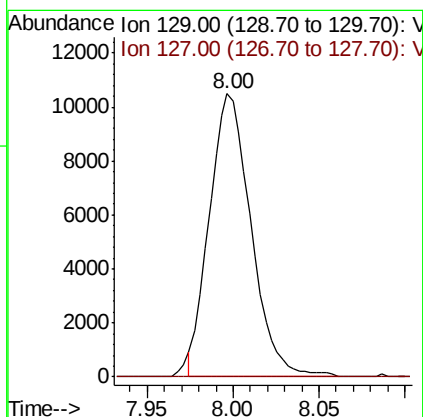
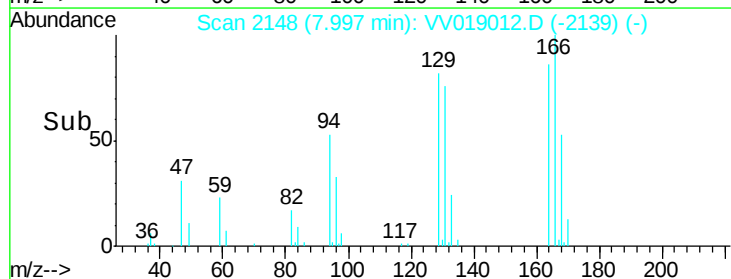
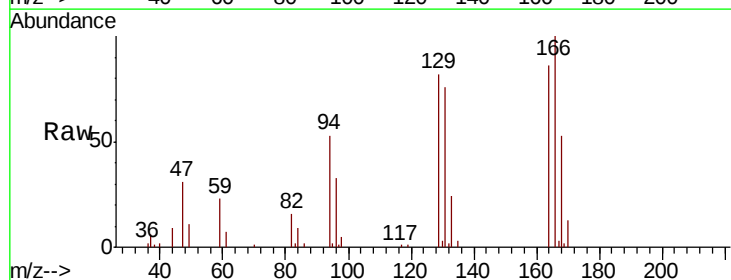
Instrument :
MSVOA_V
ClientSampled :

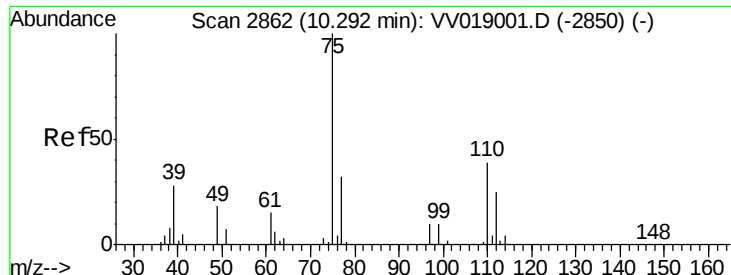
Tot Ion: 43 Resp: 13808
Ion Ratio Lower Upper
43 100
58 42.7 42.5 63.7
57 10.2 14.5 21.7#
100 3.7 9.0 13.4#



#49
Dibromochloromethane
Concen: 7.733 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV019012.D
Acq: 20 Oct 2020 14:24

Tgt Ion: 129 Resp: 17718
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#





#59
 1,2,3-Trichloropropane
 Concen: 5.257 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019012.D
 Acq: 20 Oct 2020 14:24

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 14805
 Ion Ratio Lower Upper
 75 100
 77 39.0 25.4 38.2#

