

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090718\
 Data File : VV007460.D
 Acq On : 07 Sep 2018 14:47
 Operator : SY/MD
 Sample : J4751-01DL 500X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 08 05:07:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 08 05:06:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	552191	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	550948	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	205372	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	160081	40.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.18%
7) Chloroethane-d5	1.56	69	125843	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.42%
11) 1,1-Dichloroethene-d2	2.13	63	216864	31.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.42%
21) 2-Butanone-d5	3.96	46	168933	52.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	52.66%
24) Chloroform-d	4.41	84	328492	40.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.52%
26) 1,2-Dichloroethane-d4	5.09	65	209732	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.22%
32) Benzene-d6	5.10	84	669345	40.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.62%
36) 1,2-Dichloropropane-d6	6.13	67	223558	40.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.34%
41) Toluene-d8	7.36	98	549855	38.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.94%#
43) trans-1,3-Dichloropropene-	7.67	79	89556	37.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.56%
47) 2-Hexanone-d5	8.14	63	143236	65.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.66%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	302363	39.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.56%
64) 1,2-Dichlorobenzene-d4	11.68	152	205848	46.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.28%

Target Compounds

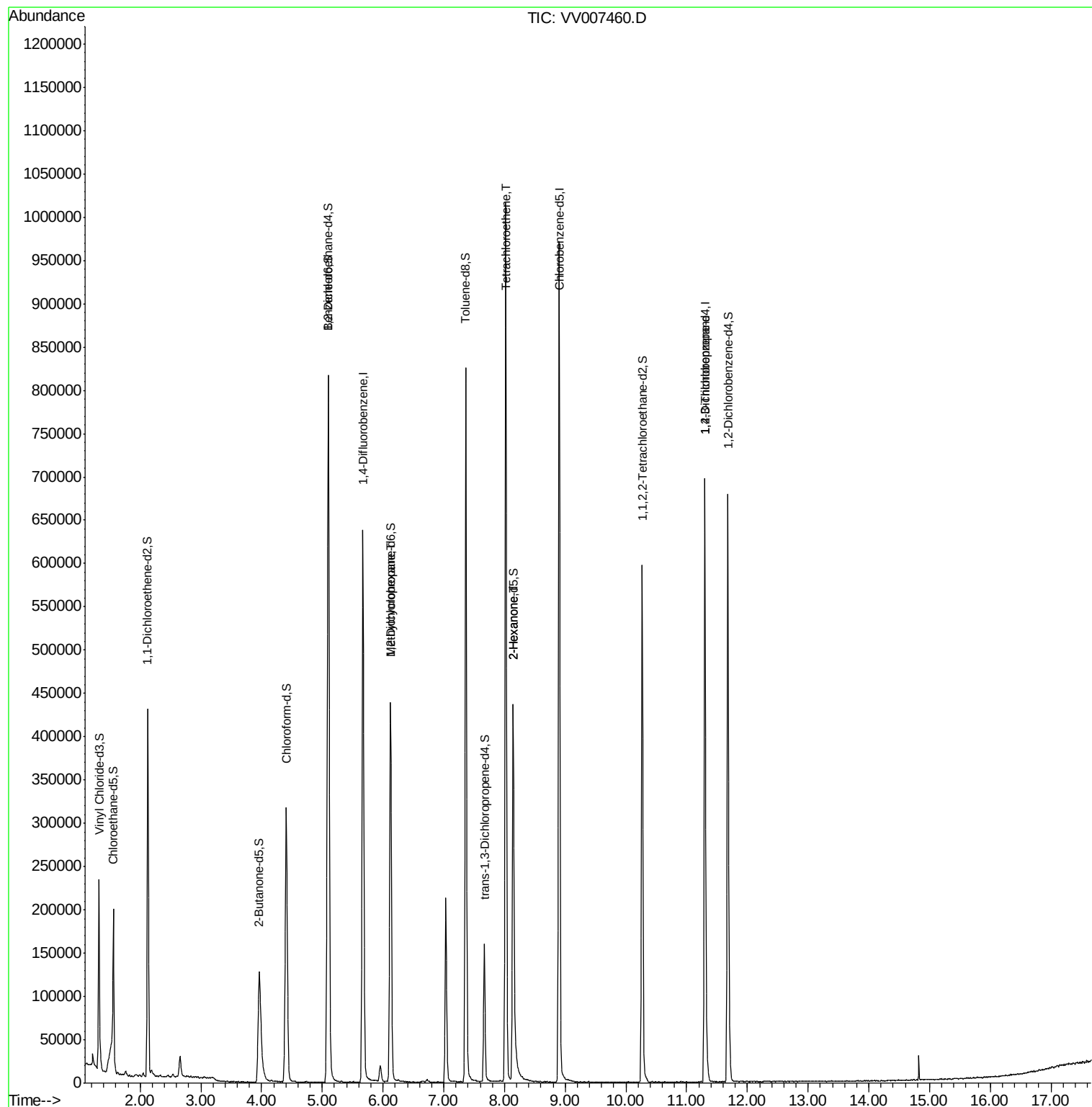
					Ovalue
35) Methylcyclohexane	6.12	83	53428	8.328 ug/L #	18
46) Tetrachloroethene	8.02	164	237297	68.596 ug/L	98
48) 2-Hexanone	8.14	43	18218	4.175 ug/L #	73
59) 1,2,3-Trichloropropane	11.30	75	22601	3.924 ug/L	91

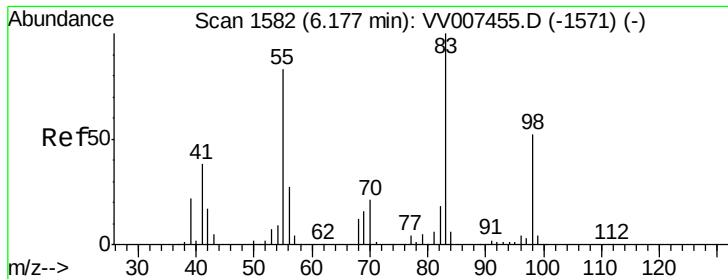
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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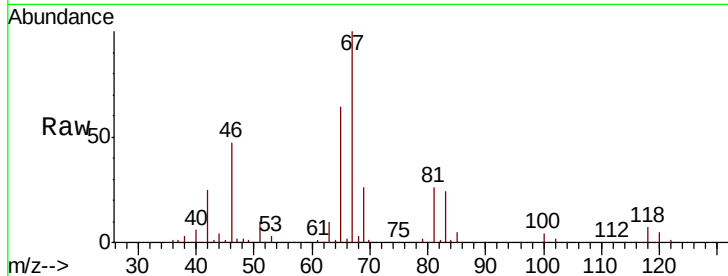




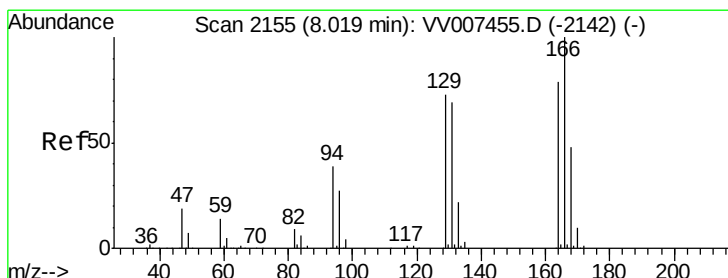
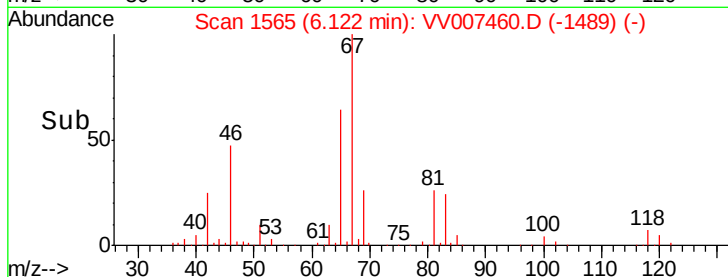
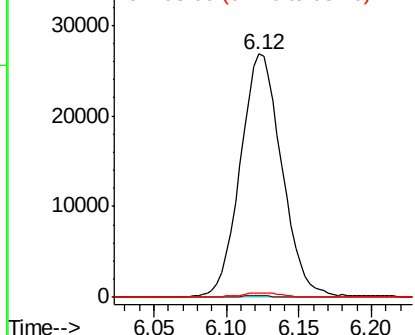
#35
Methvlcvclohexane
Concen: 8.328 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007460.D
Acq: 07 Sep 2018 14:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 53428
Ion Ratio Lower Upper
83 100
55 0.4 63.0 94.4#
98 1.7 39.0 58.6#



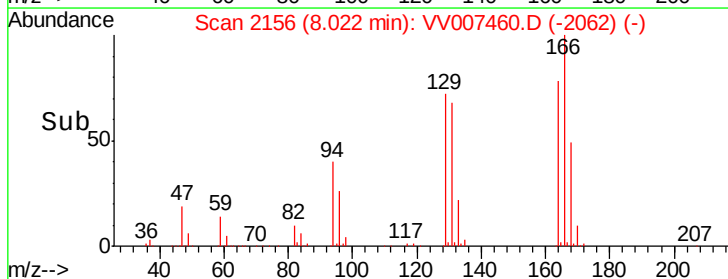
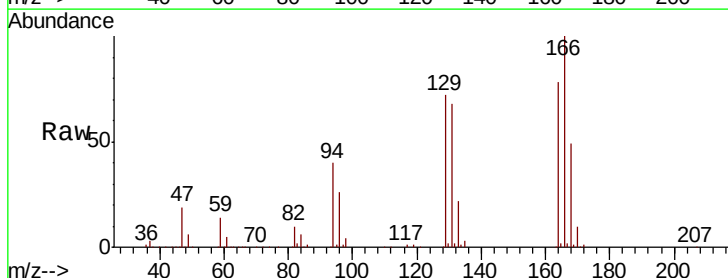
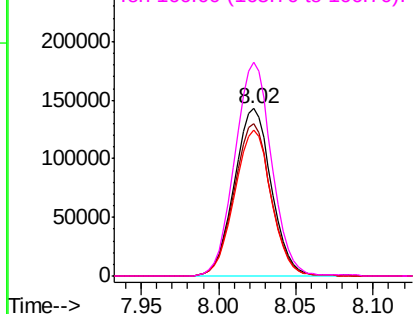
Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

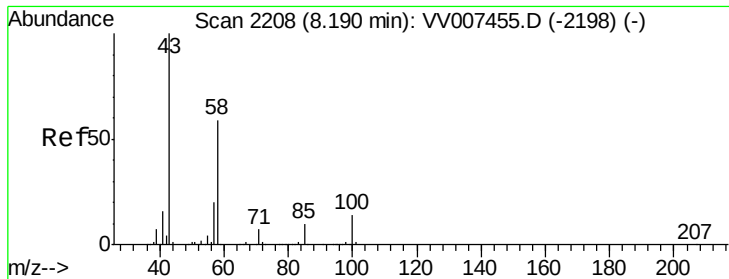


#46
Tetrachloroethene
Concen: 68.596 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV007460.D
Acq: 07 Sep 2018 14:47

Tgt Ion:164 Resp: 237297
Ion Ratio Lower Upper
164 100
129 91.1 63.9 118.7
131 87.2 62.6 116.2
166 127.4 91.6 170.2

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

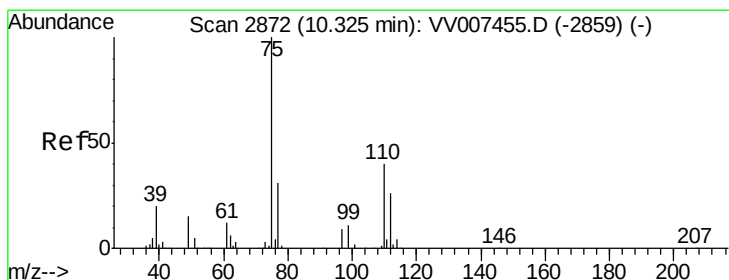
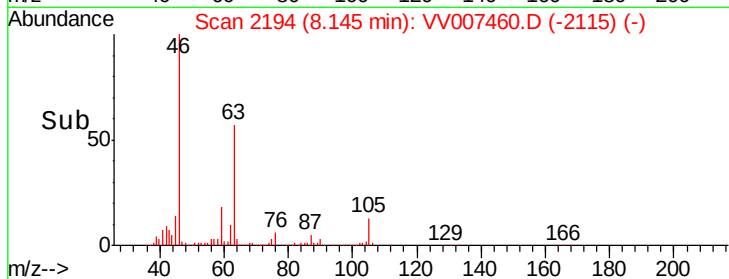
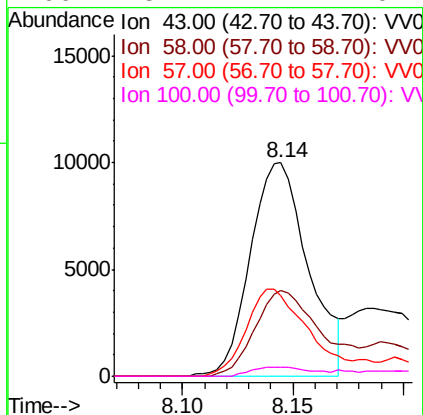
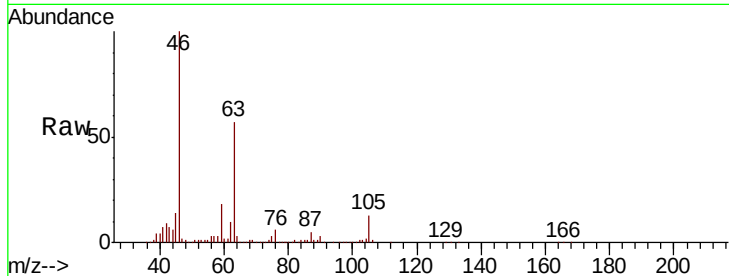




#48
 2-Hexanone
 Concen: 4.175 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.05 min
 Lab File: VV007460.D
 Acq: 07 Sep 2018 14:47

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	18218
Ion	Ratio	Lower	Upper
43	100		
58	46.3	48.6	72.8#
57	43.5	16.2	24.2#
100	3.7	11.1	16.7#



#59
 1,2,3-Trichloropropane
 Concen: 3.924 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.97 min
 Lab File: VV007460.D
 Acq: 07 Sep 2018 14:47

Tgt Ion:	75	Resp:	22601
Ion	Ratio	Lower	Upper
75	100		
77	37.1	25.5	38.3

