

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV007992.D
 Acq On : 01 Oct 2018 14:00
 Operator : SY/MD
 Sample : J5062-18DL 10X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 02 02:56:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 02:56:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	94185	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88839	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18845	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.59	69	19075	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.14	63	32588	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	3.97	46	78348	51.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.18%
24) Chloroform-d	4.41	84	54435	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.09	65	29672	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.10	84	101605	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	33263	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	92240	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.67	79	11016	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.14	63	55009	48.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25000	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	39829	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

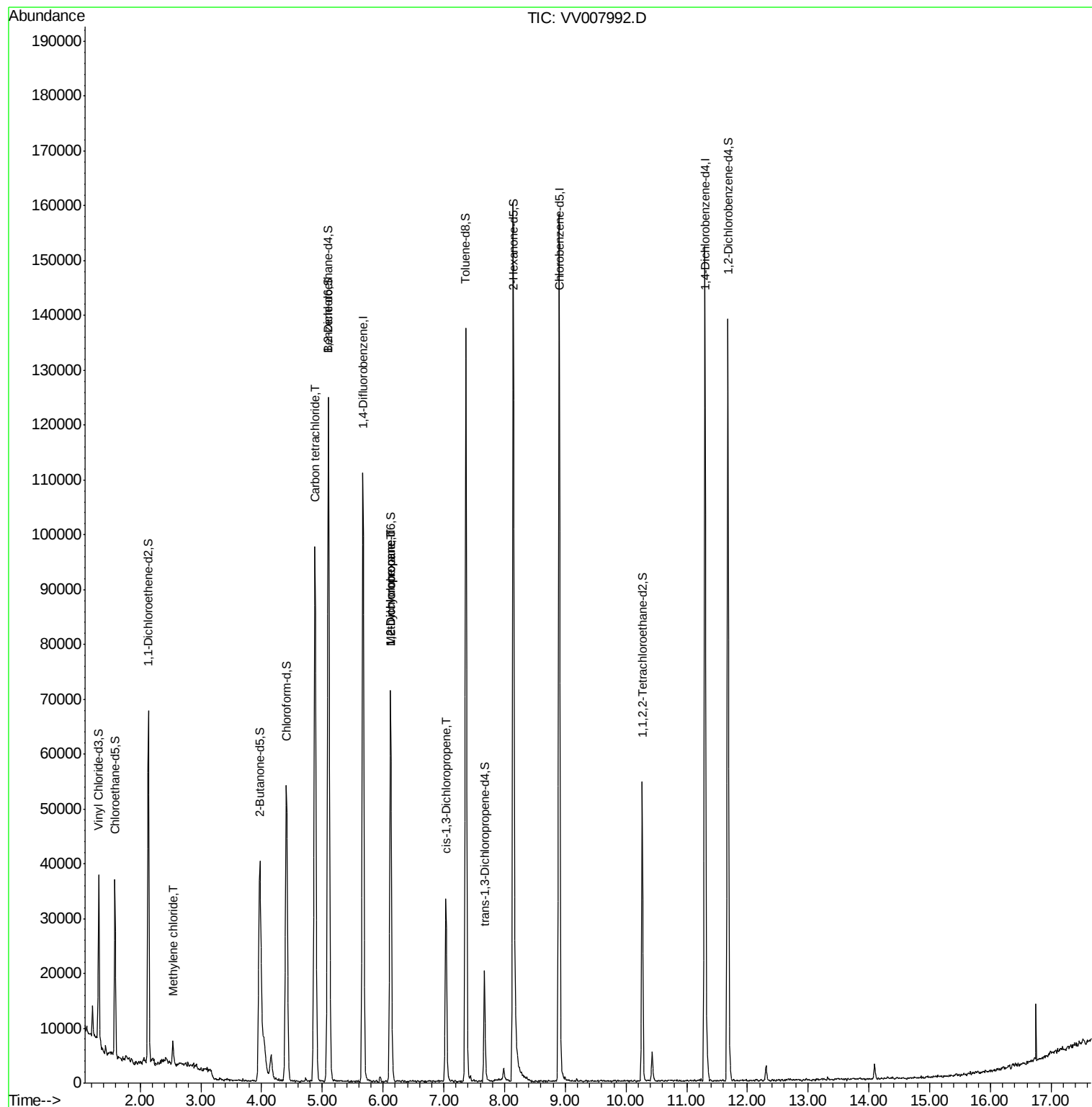
					Ovalue
16) Methylene chloride	2.54	84	1554	0.225 ug/L	89
31) Carbon tetrachloride	4.88	117	72545	7.703 ug/L	100
35) Methylcyclohexane	6.12	83	7931	0.726 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3953	0.608 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	895	0.103 ug/L #	63

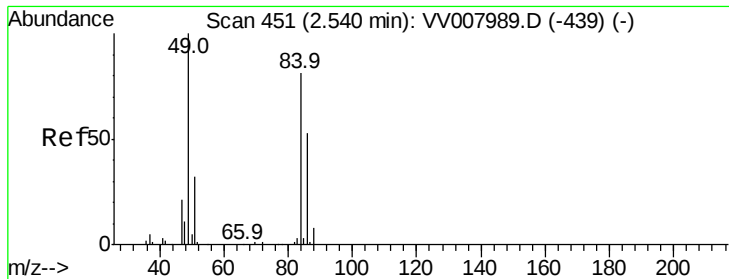
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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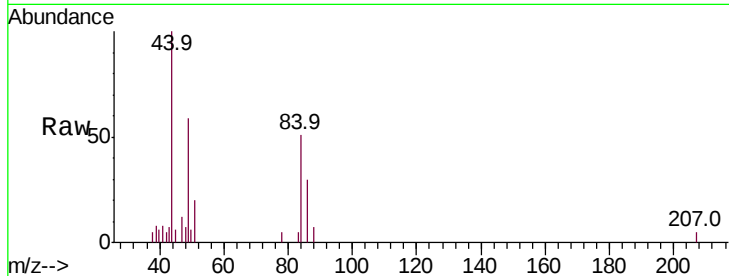




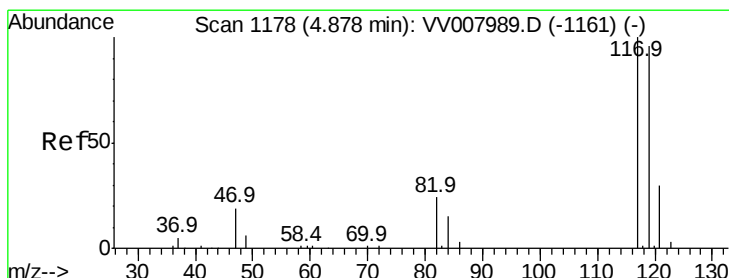
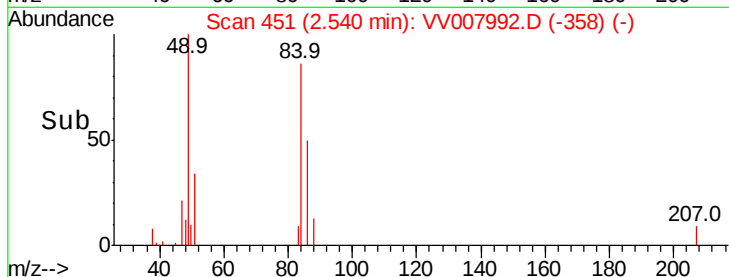
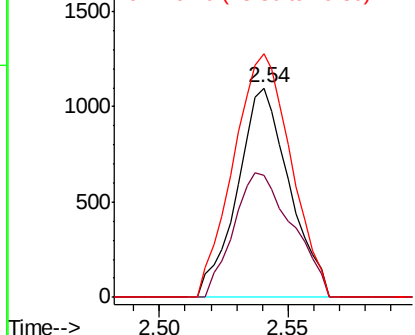
#16
Methvlene chloride
Concen: 0.225 ug/L
RT: 2.54 min Scan# 451
Delta R.T. -0.00 min
Lab File: VV007992.D
Acq: 01 Oct 2018 14:00

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 1554
Ion Ratio Lower Upper
84 100
86 58.5 47.3 87.8
49 116.3 90.0 167.2

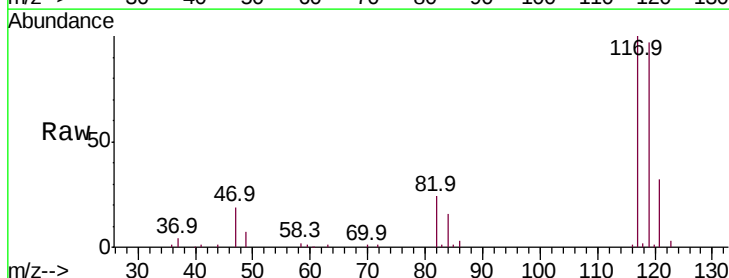


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

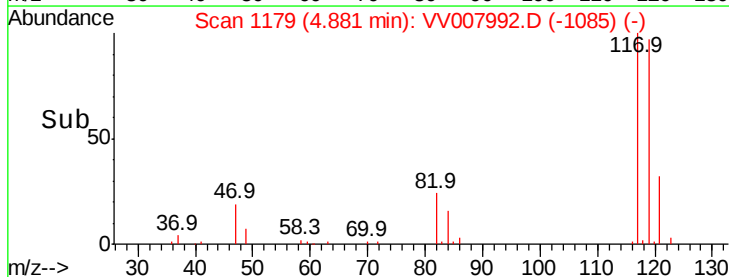
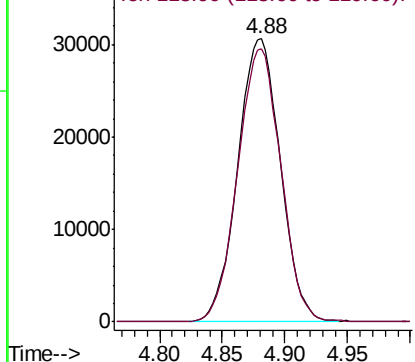


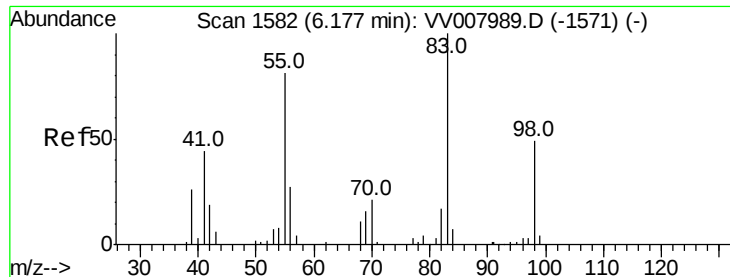
#31
Carbon tetrachloride
Concen: 7.703 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV007992.D
Acq: 01 Oct 2018 14:00

Tgt Ion: 117 Resp: 72545
Ion Ratio Lower Upper
117 100
119 97.5 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

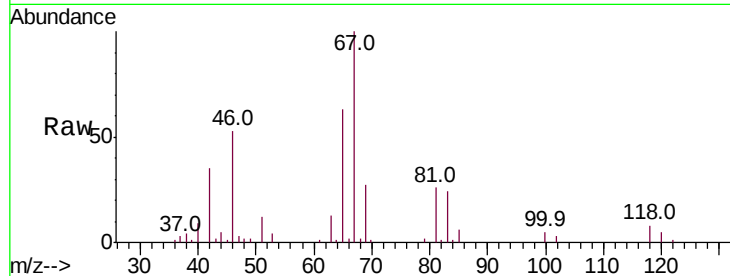




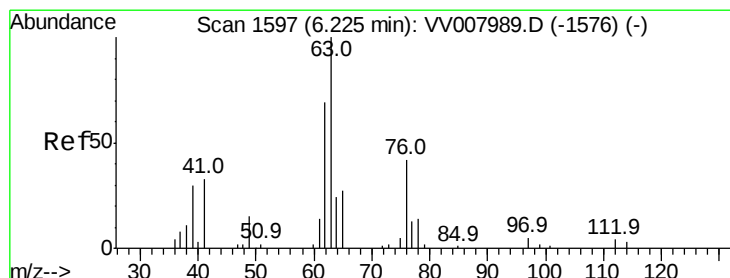
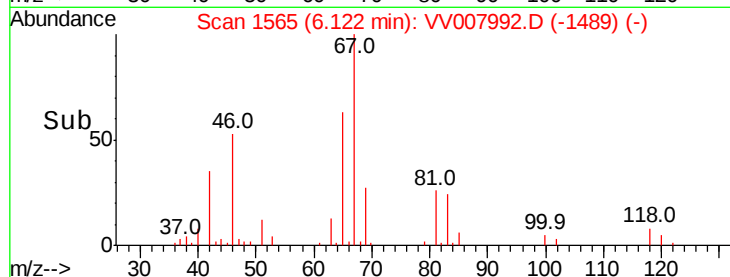
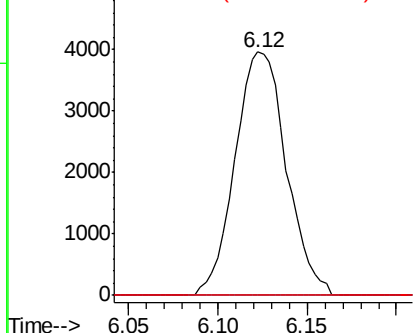
#35
Methvlcvclohexane
Concen: 0.726 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007992.D
Acq: 01 Oct 2018 14:00

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 7931
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.6 38.0 57.0#

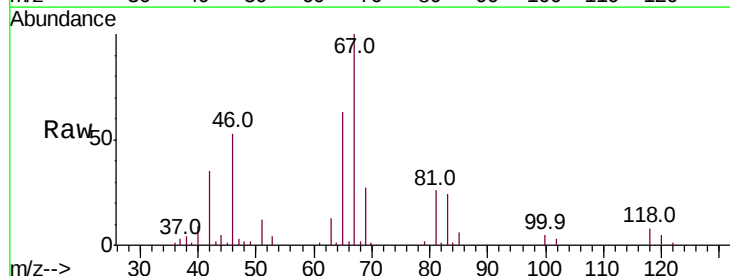


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

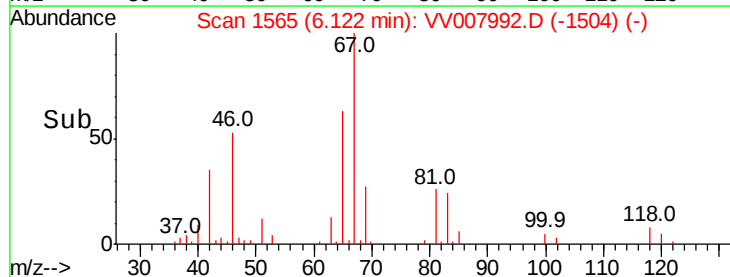
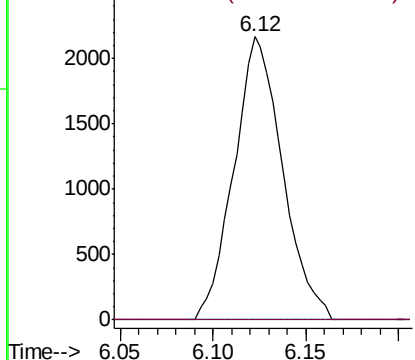


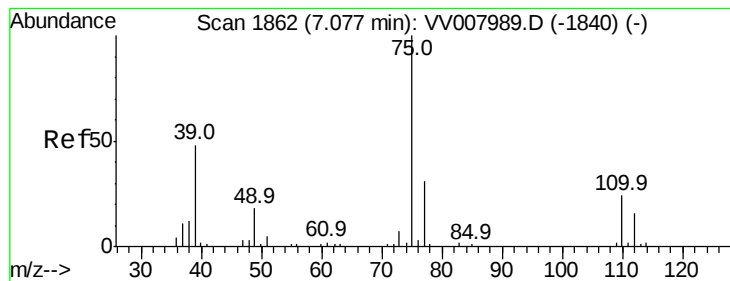
#37
1,2-Dichloropropane
Concen: 0.608 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV007992.D
Acq: 01 Oct 2018 14:00

Tgt Ion: 63 Resp: 3953
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007992.D
 Acq: 01 Oct 2018 14:00

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 895
 Ion Ratio Lower Upper
 75 100
 77 53.3 22.9 42.5#

