

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008301.D
 Acq On : 16 Oct 2018 16:22
 Operator : SY/MD
 Sample : J5407-06 100X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJS9

Quant Time: Oct 17 02:32:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 02:28:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	85283	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	75551	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	29250	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6899	1.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	28.60%#
7) Chloroethane-d5	1.58	69	19092	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.13	63	31864	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.98	46	82296	50.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.82%
24) Chloroform-d	4.41	84	49036	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.09	65	26681	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.10	84	108190	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	36445	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.36	98	95839	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.67	79	1355	0.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	9.00%#
46) 2-Hexanone-d5	8.14	63	50012	47.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21048	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	27360	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

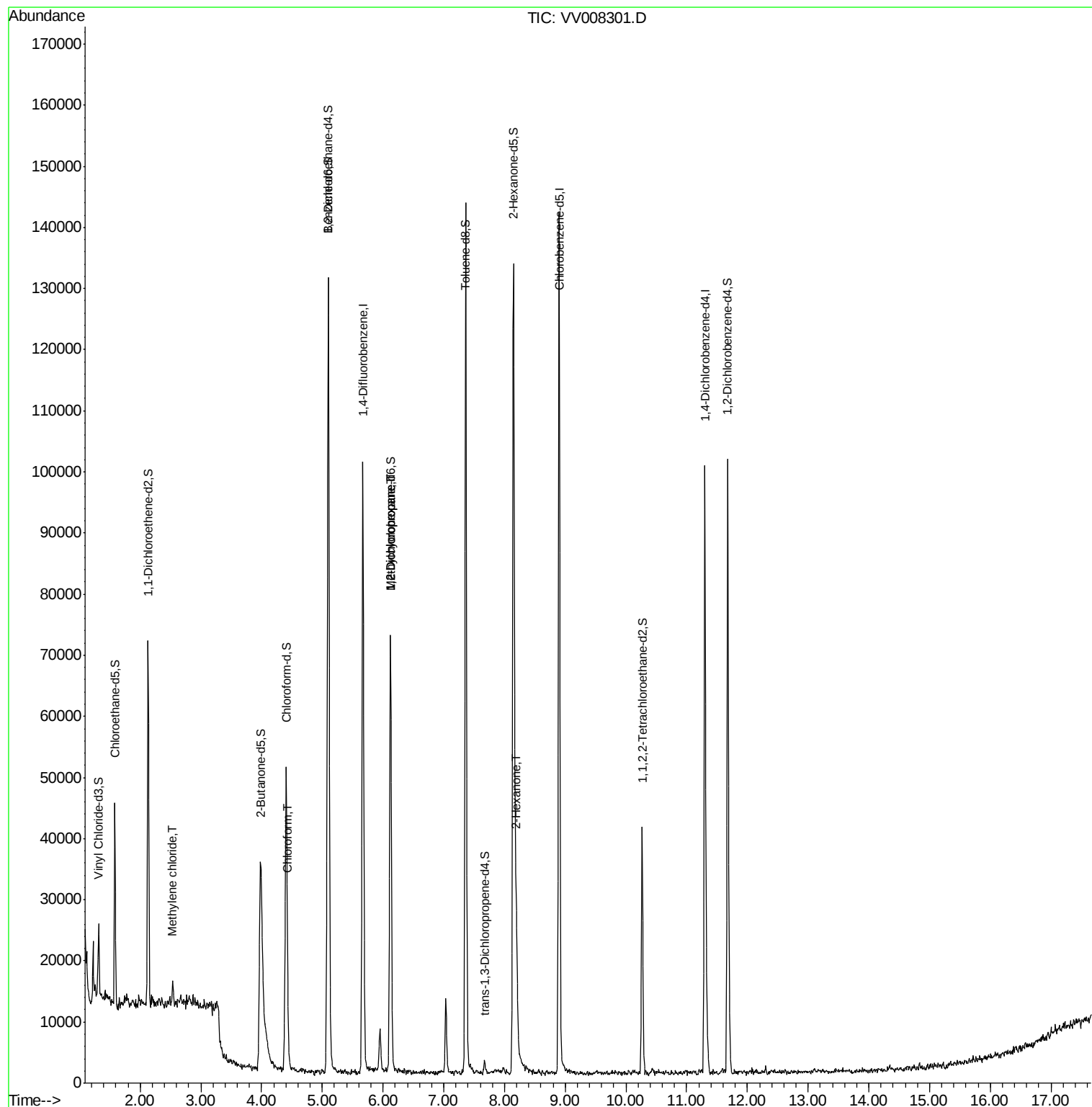
					Ovalue
16) Methylene chloride	2.54	84	1704	0.359 ug/L	88
25) Chloroform	4.43	83	1342	0.120 ug/L	93
35) Methylcyclohexane	6.13	83	7908	0.665 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3615	0.526 ug/L #	90
48) 2-Hexanone	8.20	43	16685	5.426 ug/L #	89

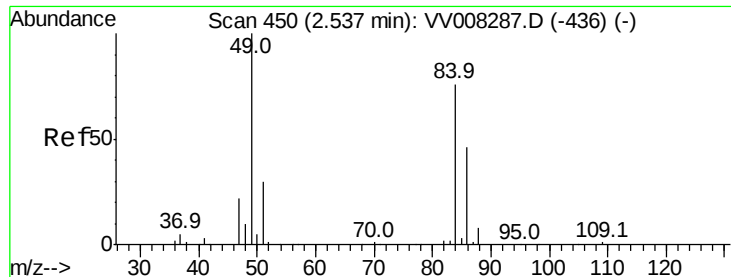
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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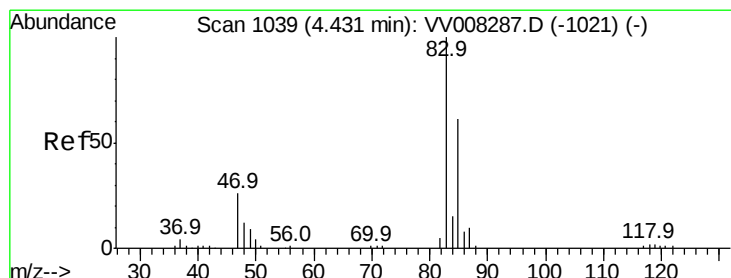
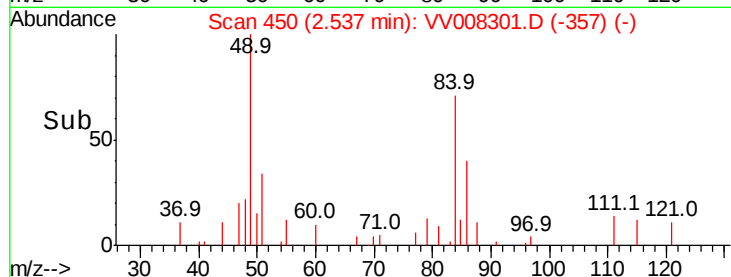
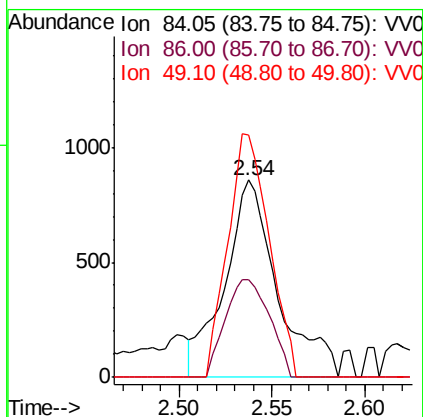
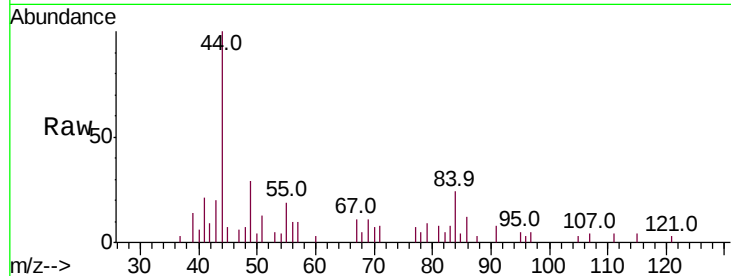




#16
Methvlene chloride
Concen: 0.359 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008301.D
Acq: 16 Oct 2018 16:22

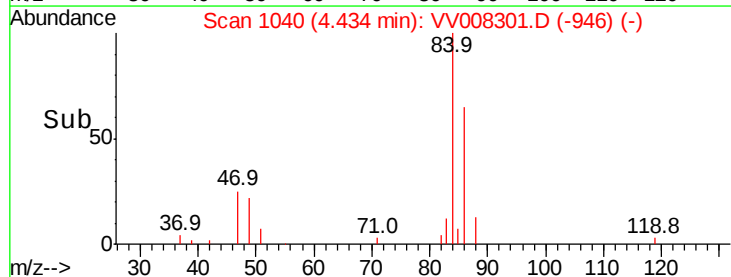
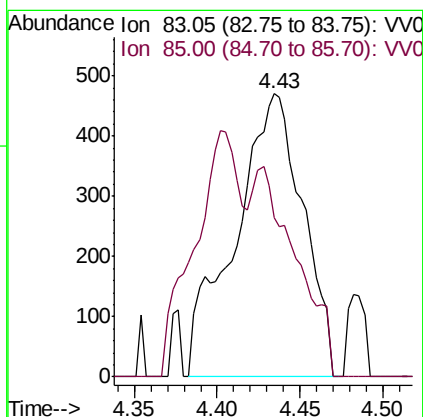
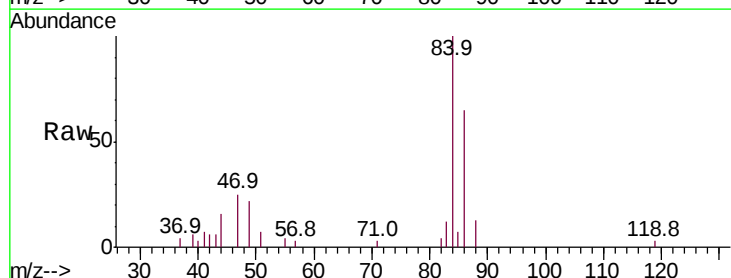
Instrument :
MSVOA_V
ClientSampled :
CWJS9

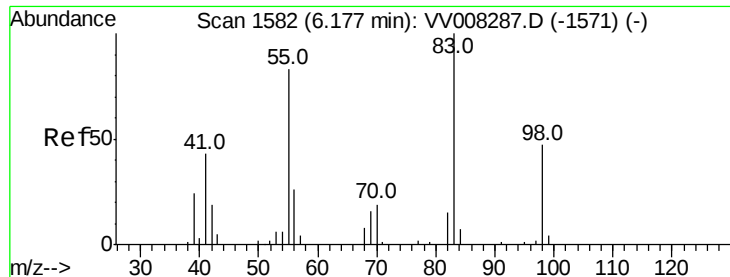
Tot Ion: 84 Resp: 1704
Ion Ratio Lower Upper
84 100
86 49.2 45.0 83.6
49 122.5 92.9 172.5



#25
Chloroform
Concen: 0.120 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008301.D
Acq: 16 Oct 2018 16:22

Tgt Ion: 83 Resp: 1342
Ion Ratio Lower Upper
83 100
85 56.4 43.4 80.6





#35

Methylcyclohexane

Concen: 0.665 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008301.D

Acq: 16 Oct 2018 16:22

Instrument :

MSVOA_V

ClientSampled :

CWJS9

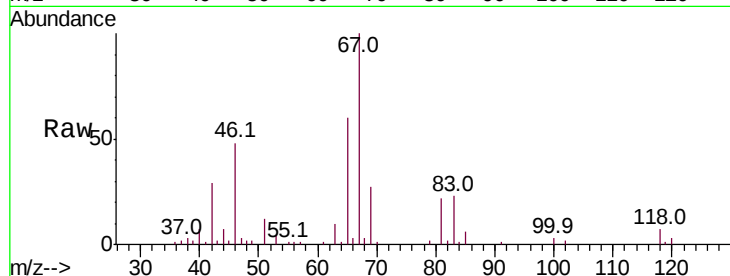
Tot Ion: 83 Resp: 7908

Ion Ratio Lower Upper

83 100

55 1.1 64.0 96.0#

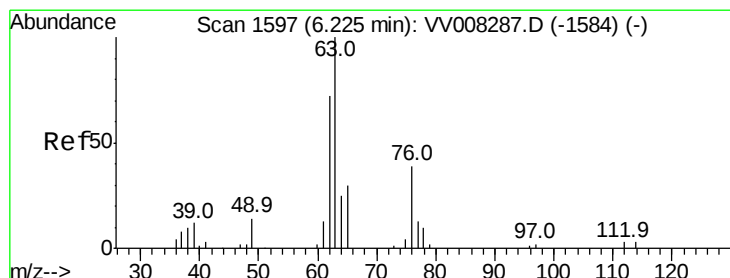
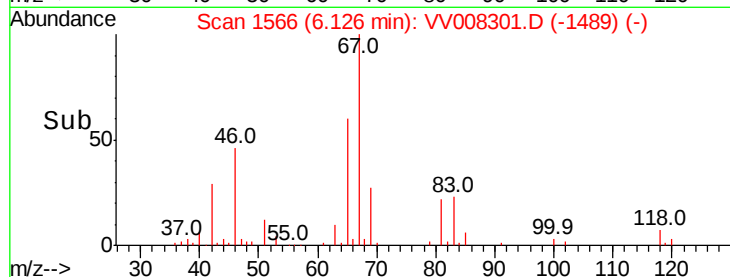
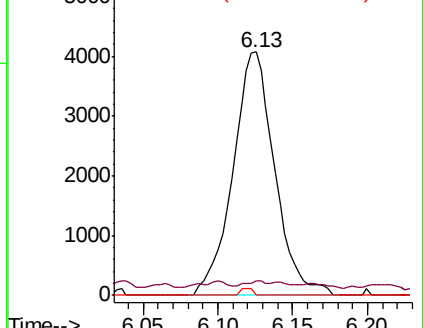
98 0.8 37.0 55.4#



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: 0.526 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008301.D

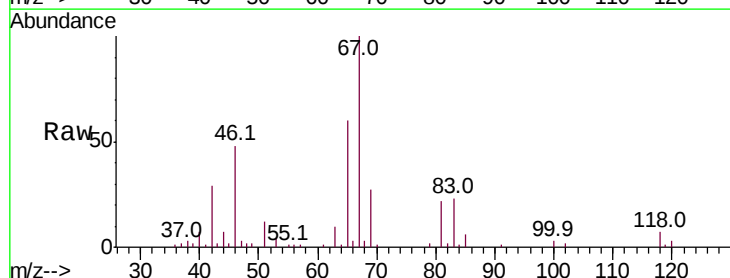
Acq: 16 Oct 2018 16:22

Tgt Ion: 63 Resp: 3615

Ion Ratio Lower Upper

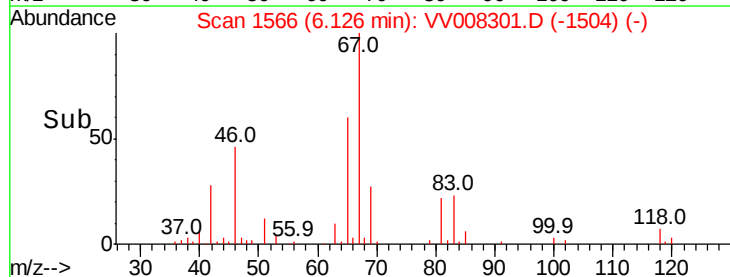
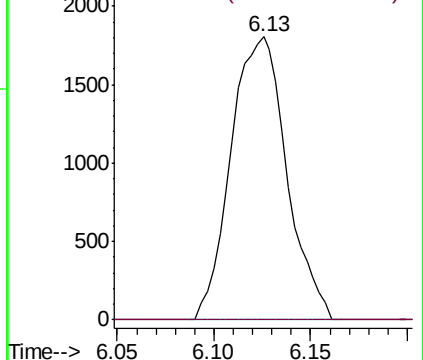
63 100

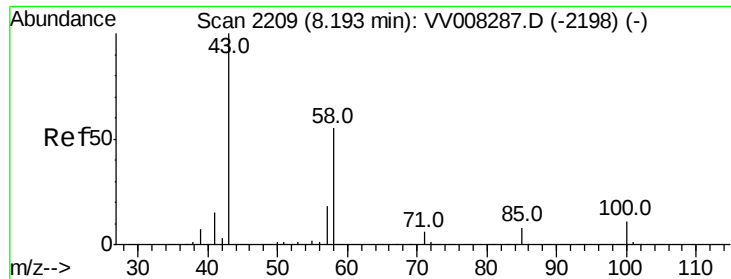
112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 5.426 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VV008301.D

Acq: 16 Oct 2018 16:22

Instrument :
MSVOA_V
ClientSampleId :
CWJS9

Tot Ion: 43 Resp: 16685

Ion Ratio Lower Upper

43 100

58 47.2 45.0 67.4

57 14.6 14.4 21.6

100 7.2 7.9 11.9#

