

Data File : VV013912.D
Acq On : 05 Dec 2019 13:34
Operator : SY/MD
Sample : K6165-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBBT2

Quant Time: Dec 06 04:09:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 04:06:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	782512	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	690354	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	274098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	166998	36.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.80%
7) Chloroethane-d5	1.58	69	195795	41.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.90%
11) 1,1-Dichloroethene-d2	2.13	63	290042	28.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.96%#
21) 2-Butanone-d5	3.92	46	280232	87.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.97%
24) Chloroform-d	4.39	84	410785	43.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.44%
26) 1,2-Dichloroethane-d4	5.07	65	262396	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.14%
32) Benzene-d6	5.09	84	804171	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
36) 1,2-Dichloropropane-d6	6.11	67	251145	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.54%
41) Toluene-d8	7.35	98	679875	41.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.38%
43) trans-1,3-Dichloropropene-	7.66	79	109356	41.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.70%
47) 2-Hexanone-d5	8.13	63	148748	74.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.19%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	318279	40.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.86%
64) 1,2-Dichlorobenzene-d4	11.67	152	261890	48.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.30%

Target Compounds

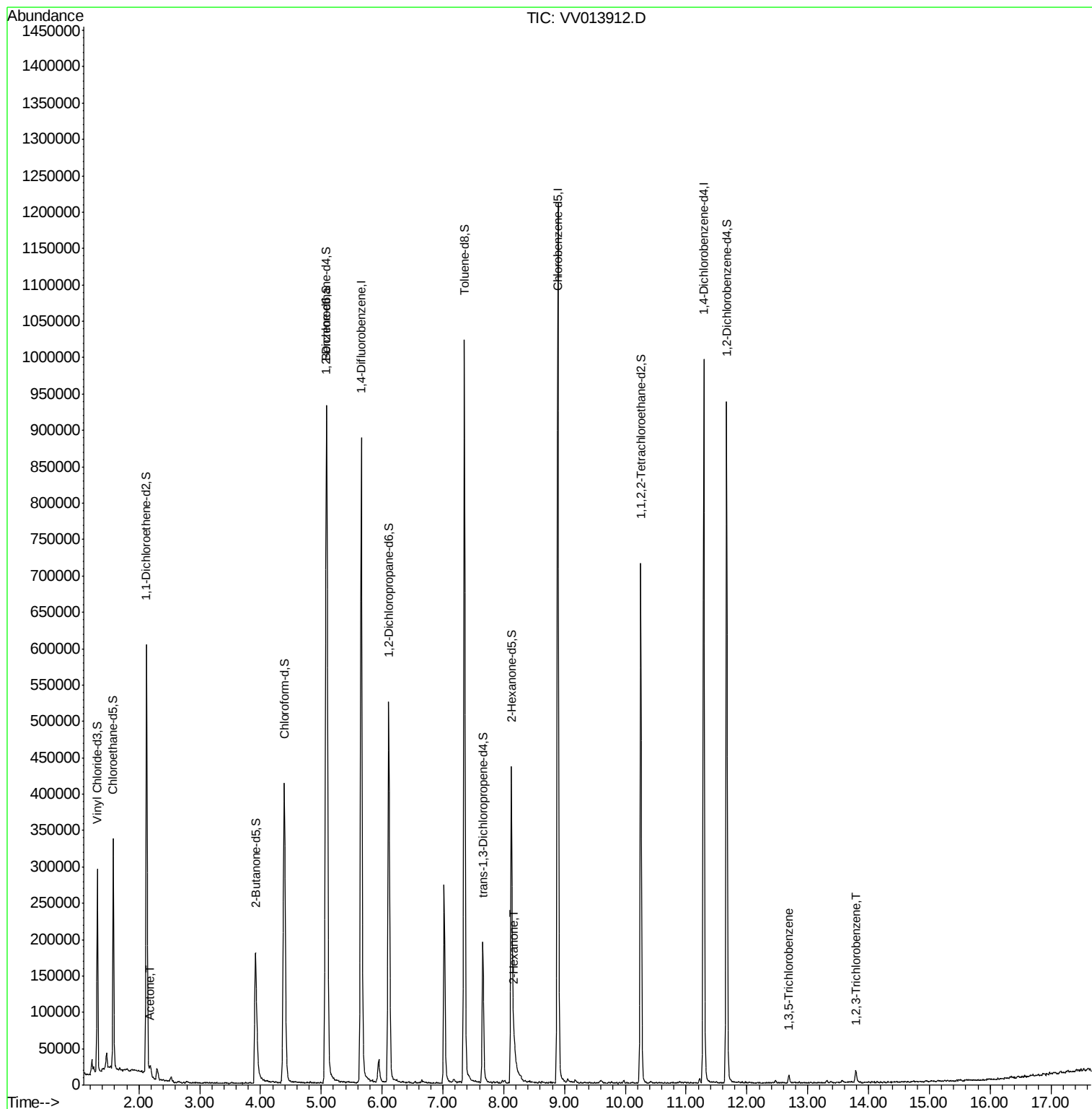
					Qvalue
13) Acetone	2.18	43	5839	1.251 ug/L	88
48) 2-Hexanone	8.17	43	12890	2.490 ug/L #	74
67) 1,3,5-Trichlorobenzene	12.69	180	3631	0.497 ug/L #	88
70) 1,2,3-Trichlorobenzene	13.79	180	6245	0.906 ug/L #	90

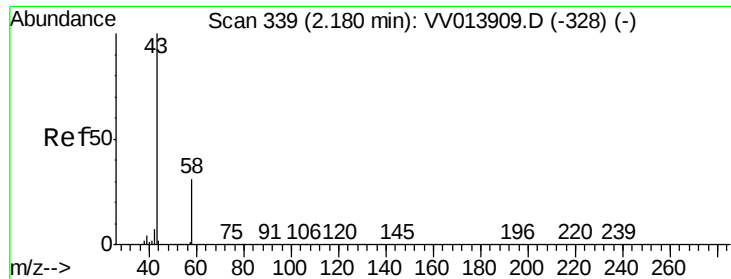
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.251 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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Acq: 05 Dec 2019 13:34

Instrument :

MSVOA_V

ClientSampleId :

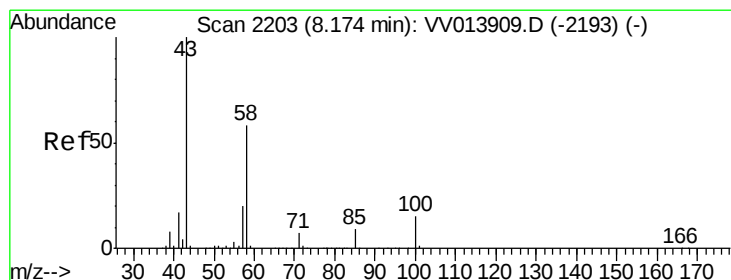
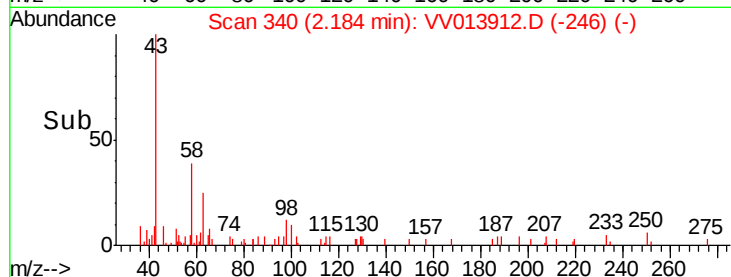
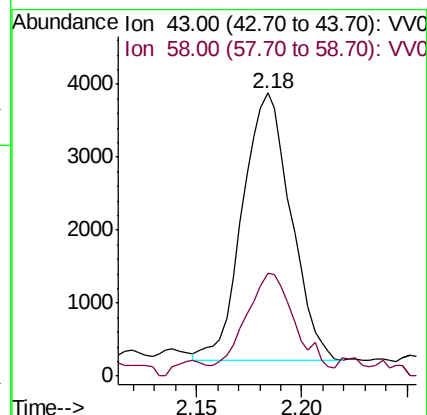
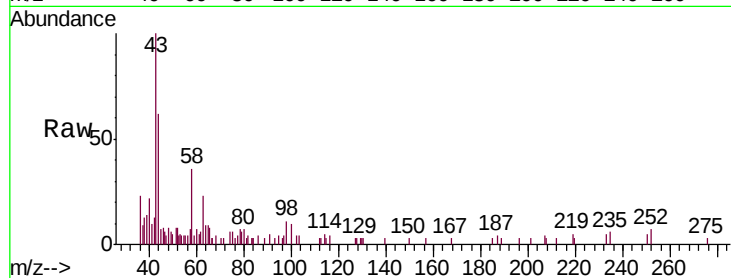
DBBT2

Tgt Ion: 43 Resp: 5839

Ion Ratio Lower Upper

43 100

58 36.7 0.0 60.8



#48

2-Hexanone

Concen: 2.490 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.00 min

Lab File: VV013912.D

Acq: 05 Dec 2019 13:34

Tgt Ion: 43 Resp: 12890

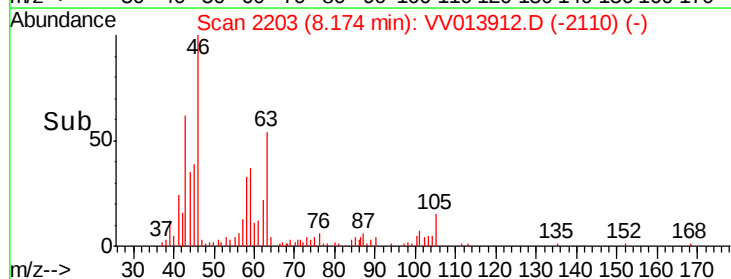
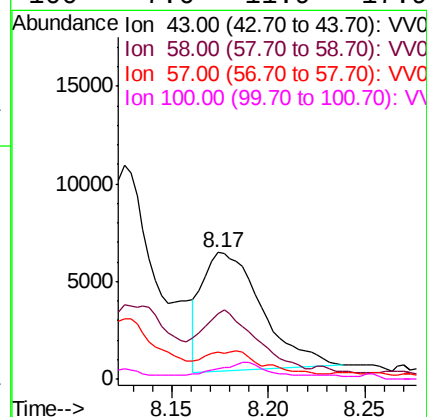
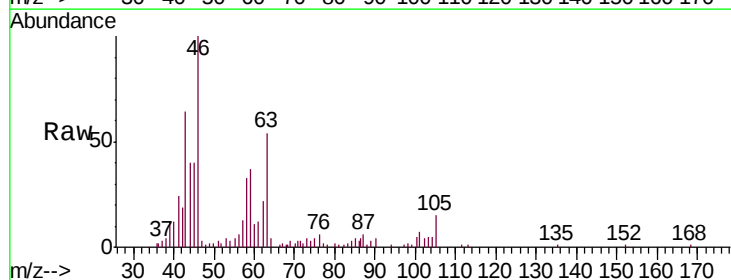
Ion Ratio Lower Upper

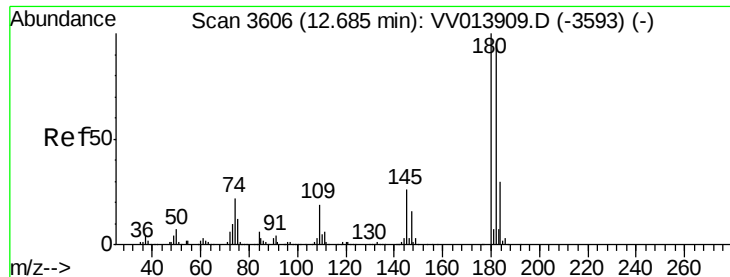
43 100

58 43.2 48.4 72.6#

57 2.2 16.6 24.8#

100 7.6 11.9 17.9#

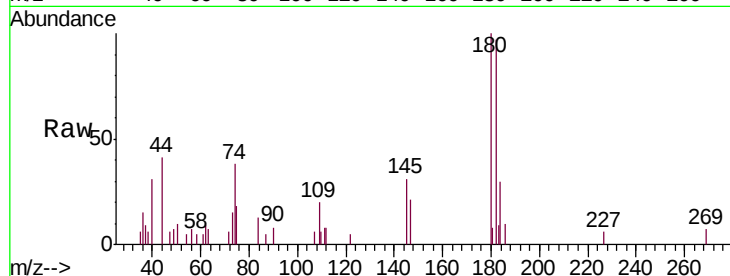




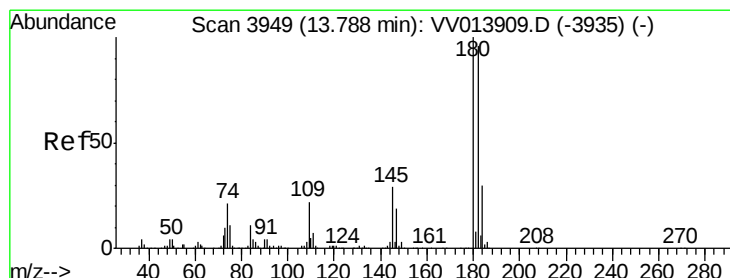
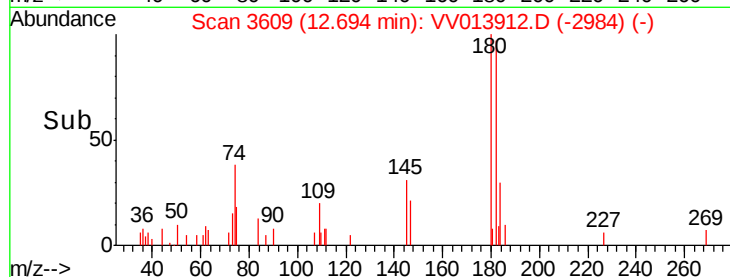
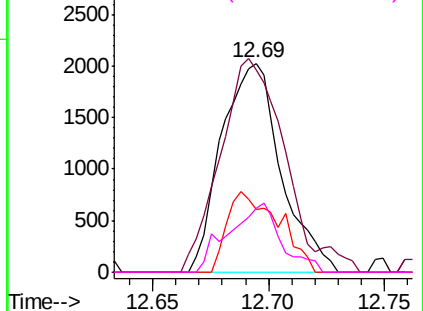
#67
 1,3,5-Trichlorobenzene
 Concen: 0.497 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.01 min
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Instrument :
 MSVOA_V
 ClientSampleId :
 DBBT2

Tgt Ion:180 Resp: 3631
 Ion Ratio Lower Upper
 180 100
 182 105.7 76.2 114.4
 184 18.3 24.2 36.4#
 145 24.9 21.1 31.7

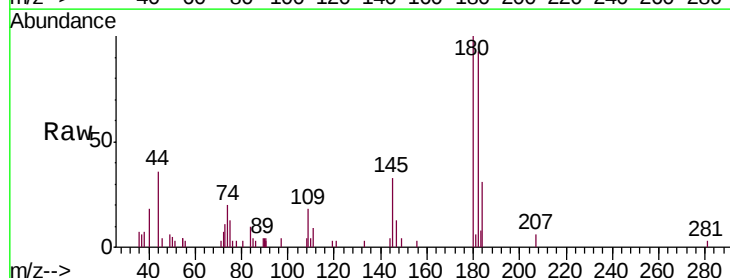


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 0.906 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.01 min
 Lab File: VV013912.D
 Acq: 05 Dec 2019 13:34

Tgt Ion:180 Resp: 6245
 Ion Ratio Lower Upper
 180 100
 182 105.1 77.0 115.4
 145 21.0 22.6 34.0#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

