

Data File : VV009069.D
Acq On : 20 Dec 2018 00:47
Operator : SY/MD
Sample : J6471-14
Misc : 6.07G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9H01

Quant Time: Dec 20 03:50:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 03:44:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	233819	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	243171	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84900	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	54619	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.28%
7) Chloroethane-d5	1.58	69	58813	32.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.60%
10) 1,1-Dichloroethene-d2	2.13	63	103399	17.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.36%
20) 2-Butanone-d5	3.94	46	22532	25.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.16%
24) Chloroform-d	4.40	84	147535	26.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.08	65	78031	25.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.76%
29) Benzene-d6	5.10	84	294226	21.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.64%
33) 1,2-Dichloropropane-d6	6.12	67	85721	22.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.20%
37) Toluene-d8	7.36	98	260506	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.92%
38) trans-1,3-Dichloropropene-	7.67	79	31570	18.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.60%
39) 2-Hexanone-d5	8.14	63	17703	25.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59774	18.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	78092	24.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.04%

Target Compounds

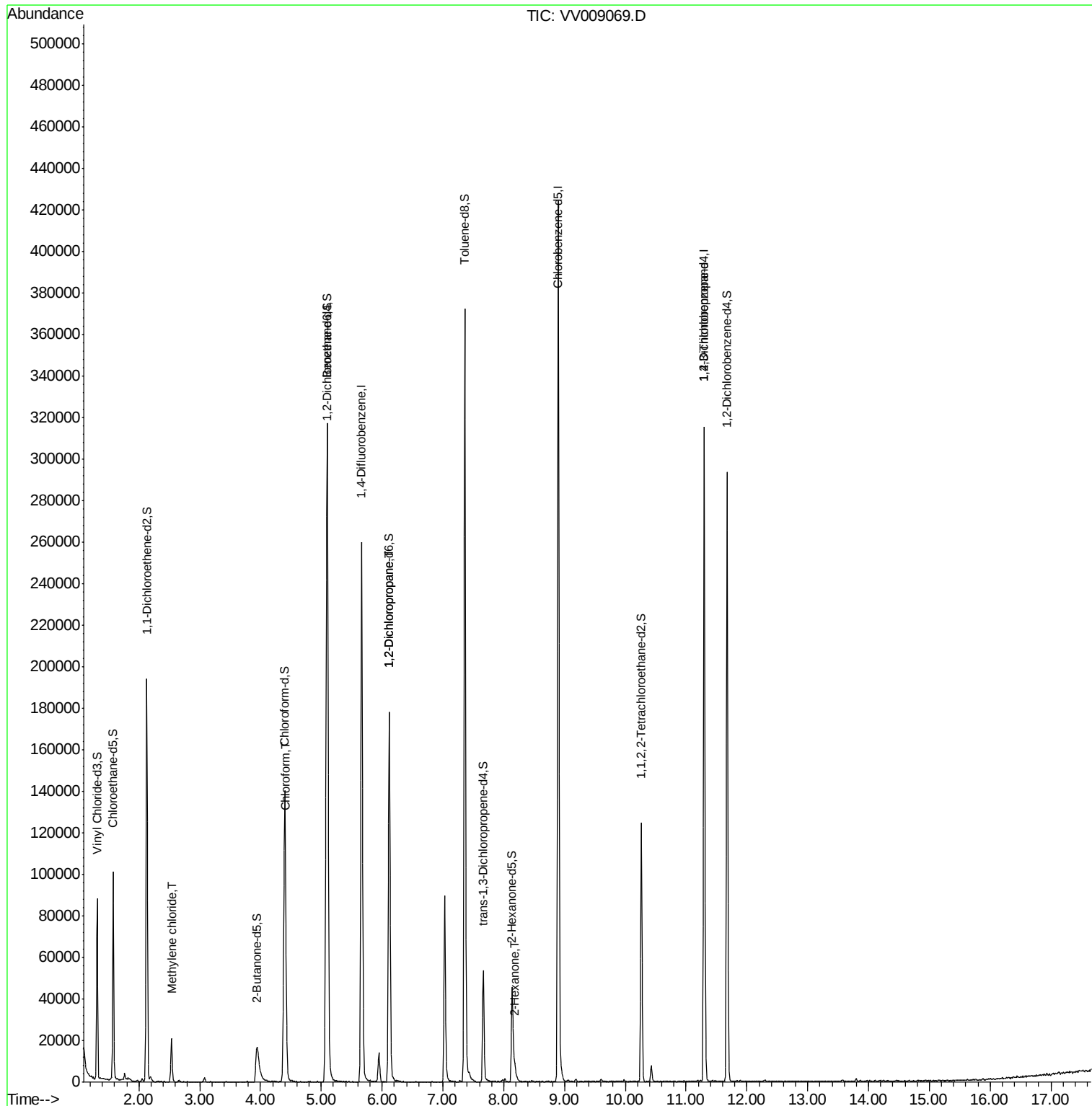
					Qvalue
16) Methylene chloride	2.54	84	9347	2.374 ug/L	89
25) Chloroform	4.42	83	2587	0.457 ug/L	85
40) 1,2-Dichloropropane	6.12	63	10165	2.907 ug/L #	85
49) 2-Hexanone	8.19	43	4378	2.239 ug/L #	80
59) 1,2,3-Trichloropropane	11.30	75	10071	3.695 ug/L	95

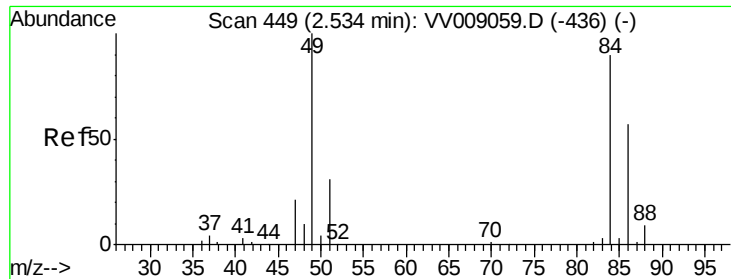
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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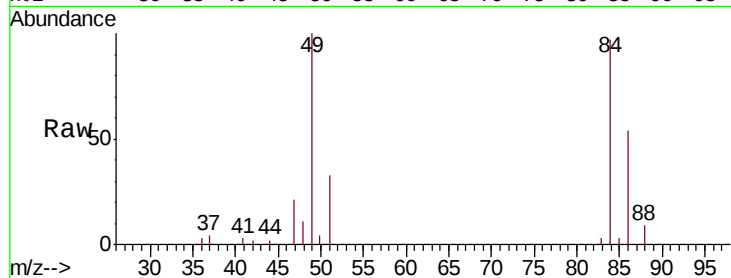




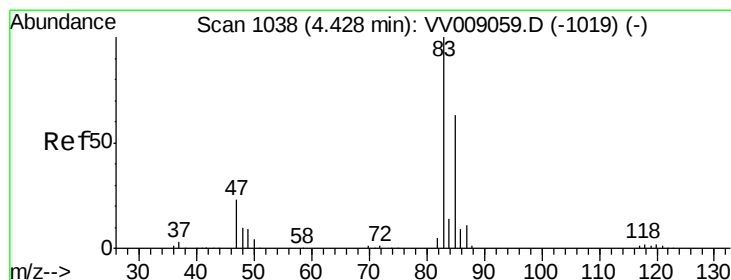
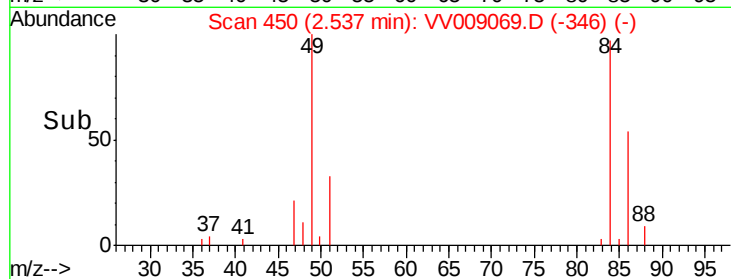
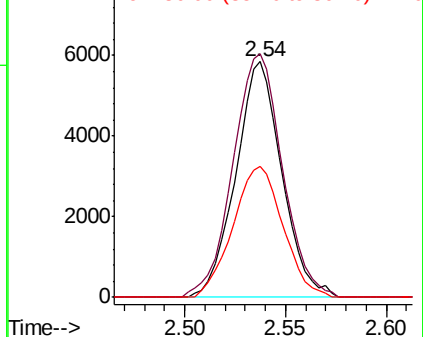
#16
Methylene chloride
Concen: 2.374 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
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MSVOA_V
ClientSampleId :
F9H01

Tgt Ion: 84 Resp: 9347
Ion Ratio Lower Upper
84 100
49 103.3 80.5 149.5
86 55.6 45.5 84.5

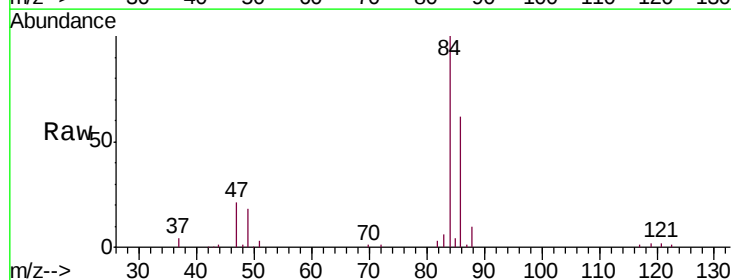


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

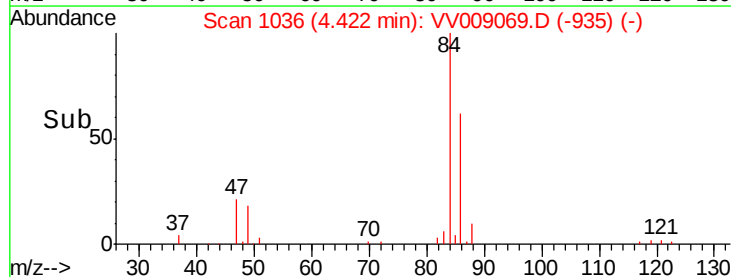
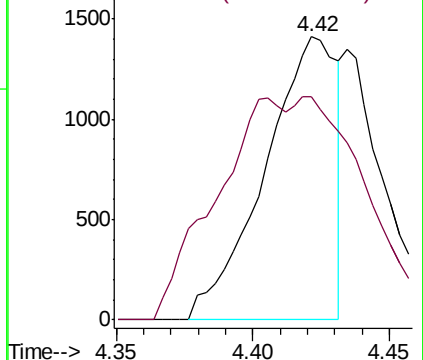


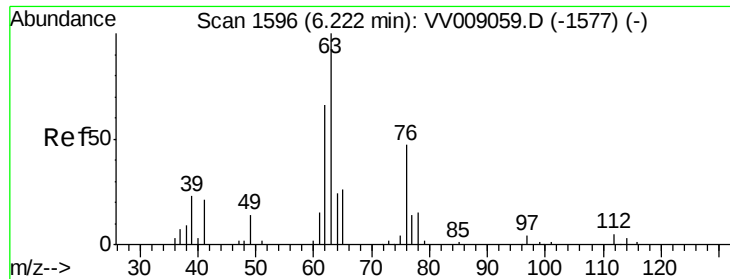
#25
Chloroform
Concen: 0.457 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV009069.D
Acq: 20 Dec 2018 00:47

Tgt Ion: 83 Resp: 2587
Ion Ratio Lower Upper
83 100
85 76.7 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0

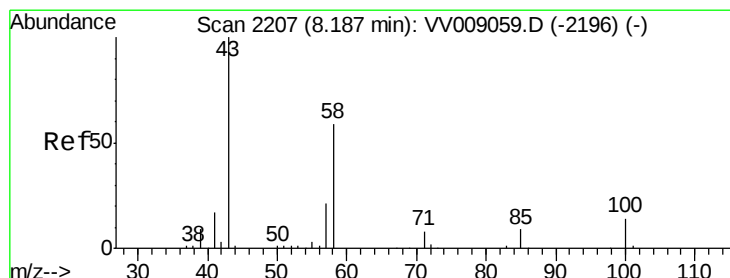
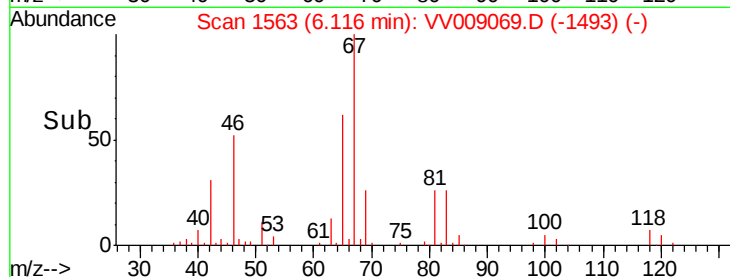
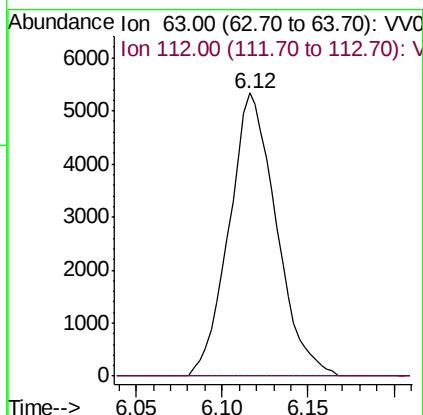
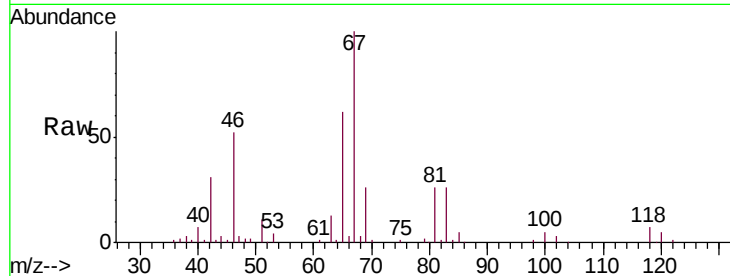




#40
 1,2-Dichloropropane
 Concen: 2.907 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV009069.D
 Acq: 20 Dec 2018 00:47

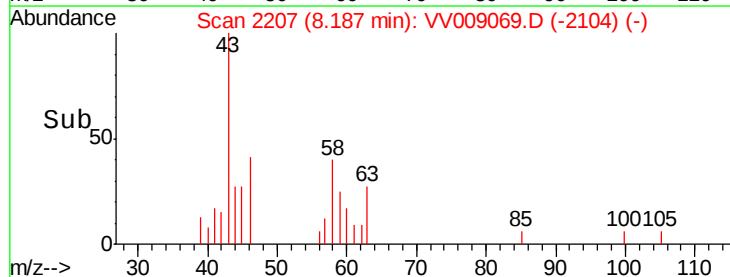
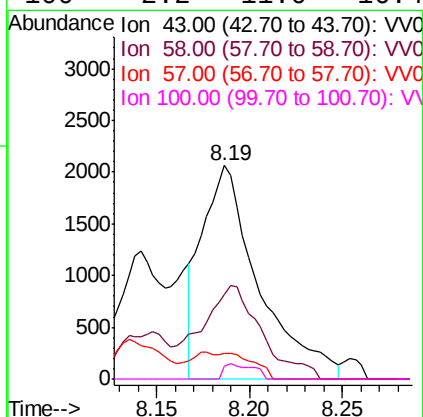
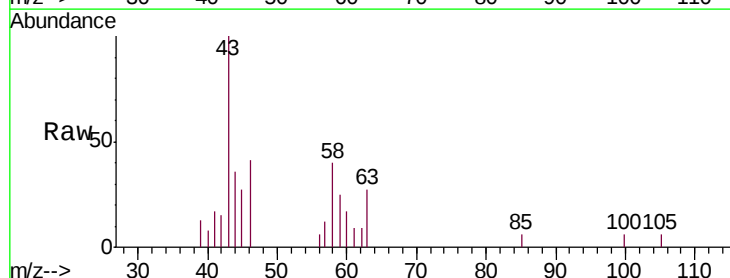
Instrument :
 MSVOA_V
 ClientSampleId :
 F9H01

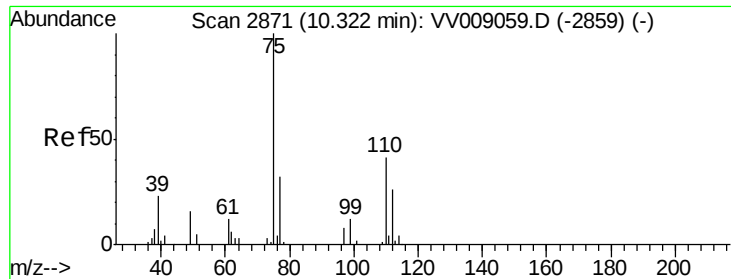
Tgt Ion: 63 Resp: 10165
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#49
 2-Hexanone
 Concen: 2.239 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VV009069.D
 Acq: 20 Dec 2018 00:47

Tgt Ion: 43 Resp: 4378
 Ion Ratio Lower Upper
 43 100
 58 47.3 43.9 65.9
 57 1.5 15.7 23.5#
 100 2.2 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 3.695 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009069.D

Acq: 20 Dec 2018 00:47

Instrument :

MSVOA_V

ClientSampleId :

F9H01

Tgt Ion: 75 Resp: 10071

Ion Ratio Lower Upper

75 100

77 34.7 25.6 38.4

