

Data File : VV009337.D
Acq On : 22 Feb 2019 18:59
Operator : SY/MD
Sample : K1579-07
Misc : 6.85G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB604

Quant Time: Feb 23 00:40:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	121715	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	111872	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45947	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41895	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.48%
7) Chloroethane-d5	1.58	69	63919	33.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.48%
10) 1,1-Dichloroethene-d2	2.13	63	81561	20.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.96%
20) 2-Butanone-d5	3.95	46	23949	42.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.52%
24) Chloroform-d	4.40	84	69319	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	5.08	65	38841	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.36%
29) Benzene-d6	5.10	84	146102	26.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.16%
33) 1,2-Dichloropropane-d6	6.12	67	46528	28.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.72%
37) Toluene-d8	7.36	98	133005	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.64%
38) trans-1,3-Dichloropropene-	7.66	79	19223	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.68%
39) 2-Hexanone-d5	8.14	63	21309	46.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42605	23.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.40%
61) 1,2-Dichlorobenzene-d4	11.68	152	41082	24.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.36%

Target Compounds

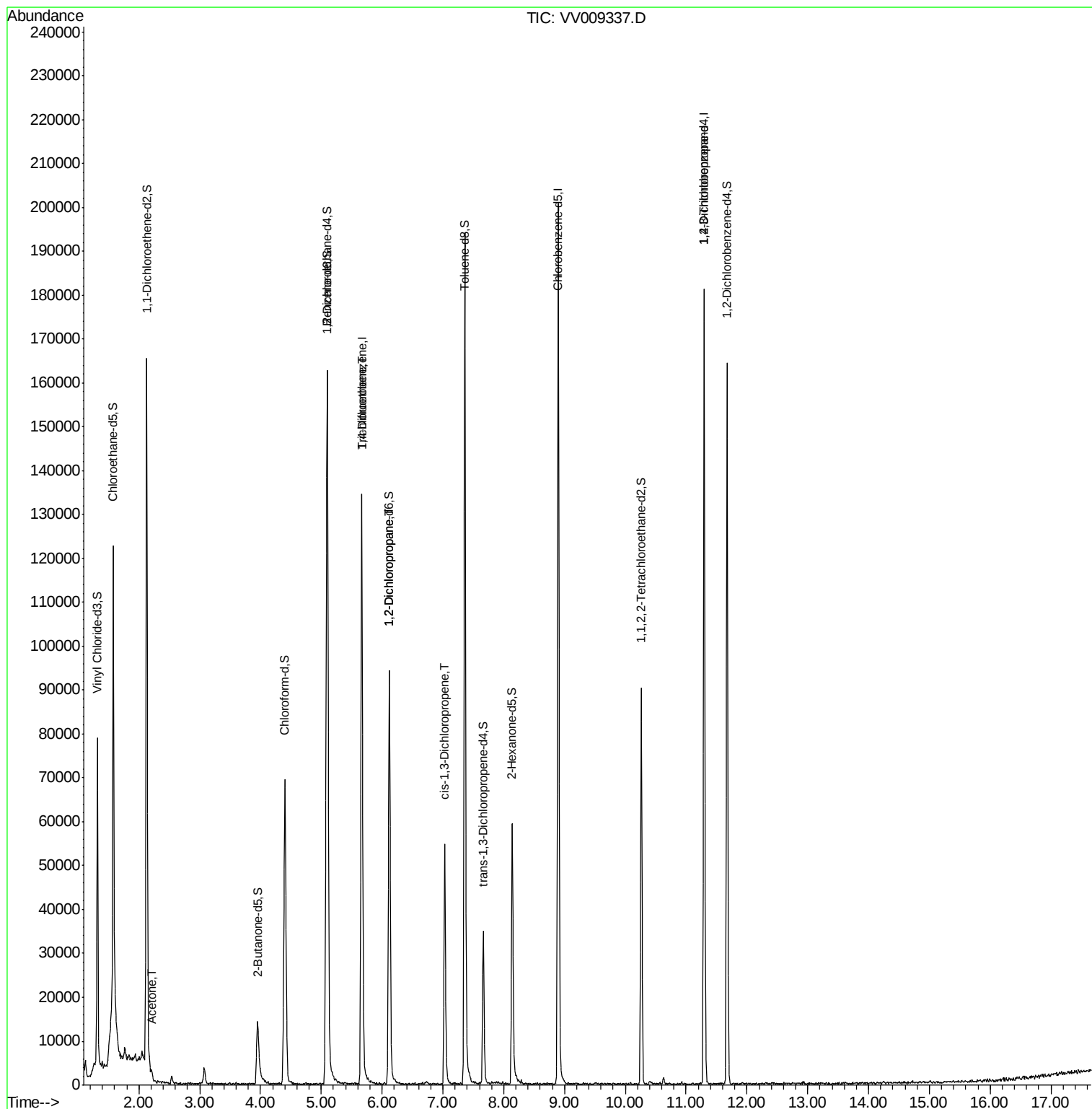
					Qvalue
13) Acetone	2.21	43	2160	3.899 ug/L	78
35) Trichloroethene	5.66	95	3235	1.901 ug/L #	4
40) 1,2-Dichloropropane	6.12	63	5225	3.519 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1322	0.525 ug/L #	58
59) 1,2,3-Trichloropropane	11.30	75	6370	4.765 ug/L	91

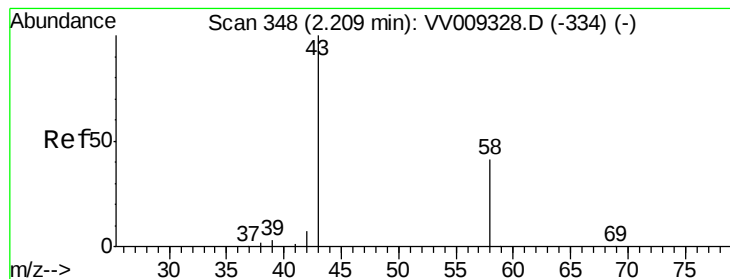
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.899 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV009337.D

Acq: 22 Feb 2019 18:59

Instrument :

MSVOA_V

ClientSampleId :

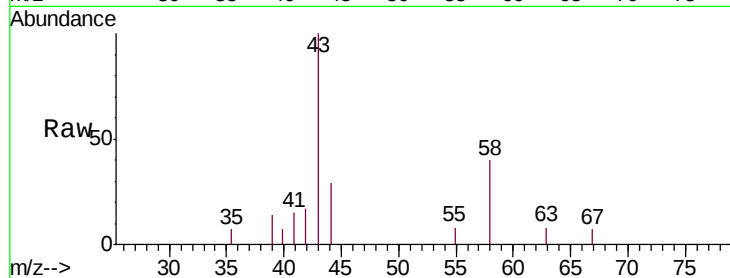
DB604

Tgt Ion: 43 Resp: 2160

Ion Ratio Lower Upper

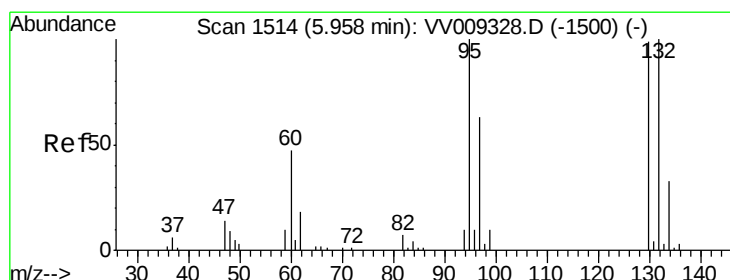
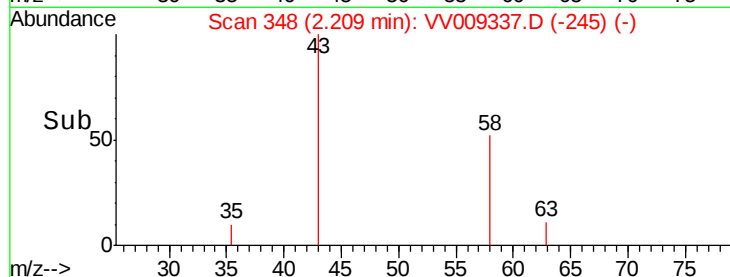
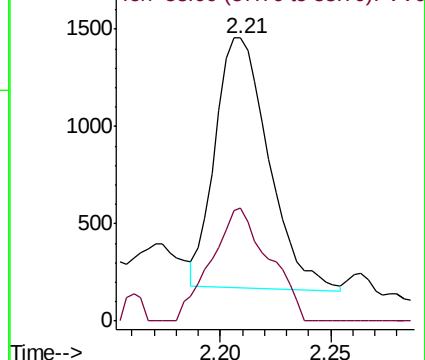
43 100

58 48.7 0.0 72.0



Abundance Ion 43.00 (42.70 to 43.70): VV009337.D (-245) (-)

Ion 58.00 (57.70 to 58.70): VV009337.D (-245) (-)



#35

Trichloroethene

Concen: 1.901 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

Lab File: VV009337.D

Acq: 22 Feb 2019 18:59

Tgt Ion: 95 Resp: 3235

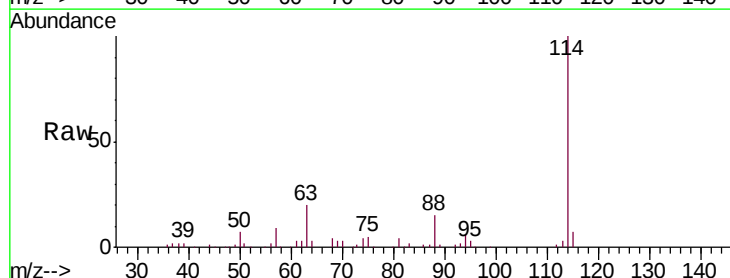
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 68.7 127.5#

130 0.0 72.2 134.0#

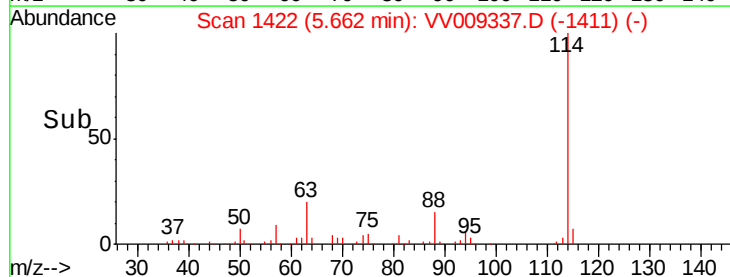
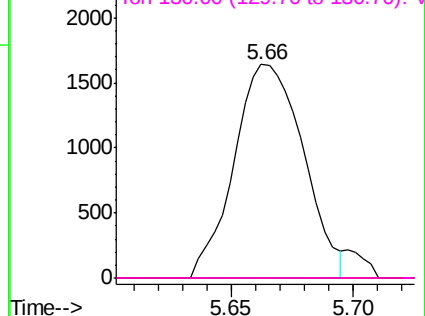


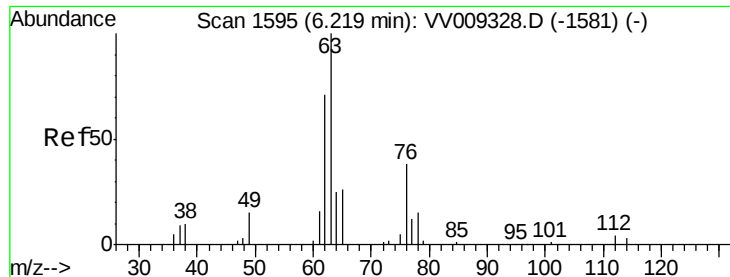
Abundance Ion 95.00 (94.70 to 95.70): VV009337.D (-1411) (-)

Ion 97.00 (96.70 to 97.70): VV009337.D (-1411) (-)

Ion 132.00 (131.70 to 132.70): VV009337.D (-1411) (-)

Ion 130.00 (129.70 to 130.70): VV009337.D (-1411) (-)

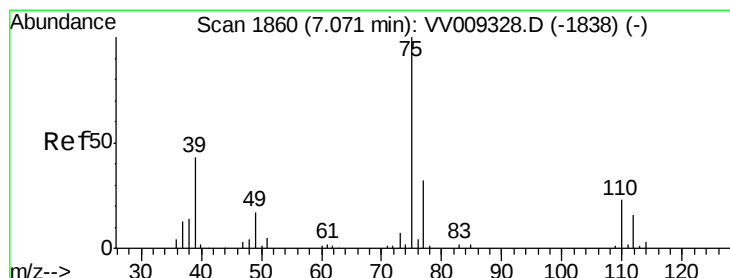
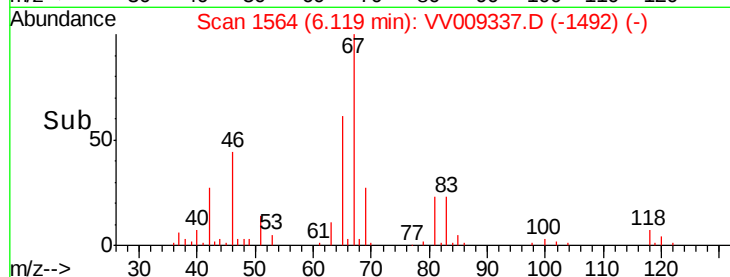
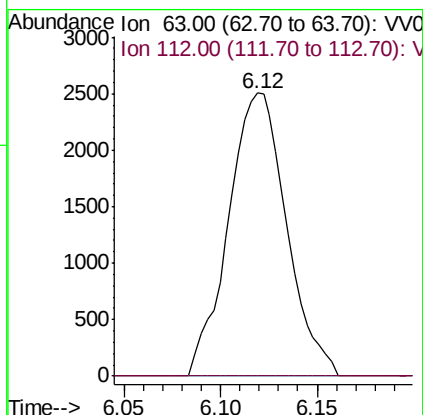
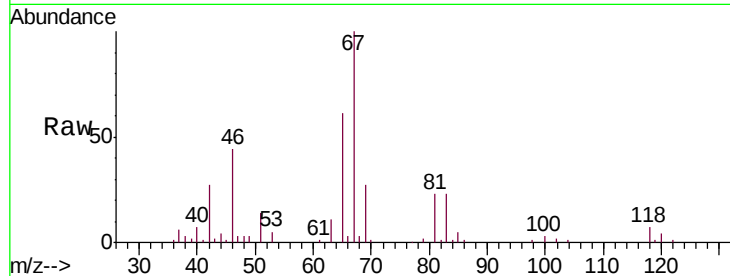




#40
 1,2-Dichloropropane
 Concen: 3.519 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
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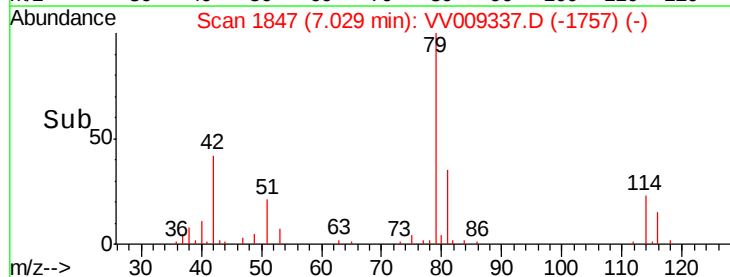
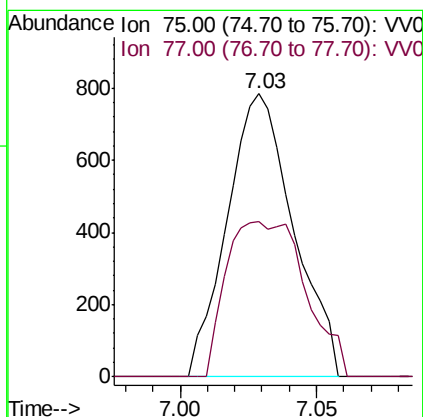
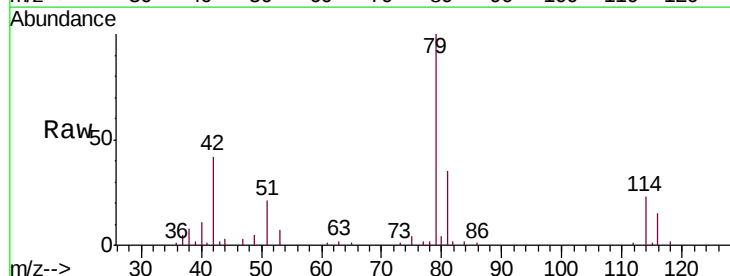
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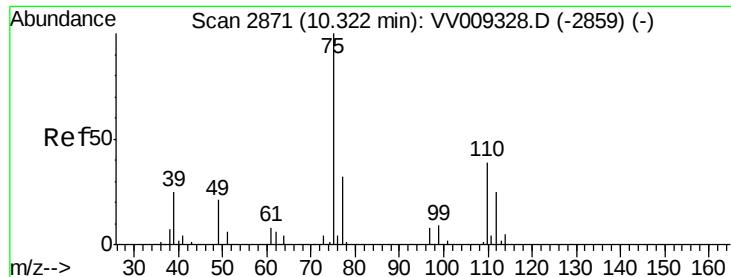
Tgt Ion: 63 Resp: 5225
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.525 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009337.D
 Acq: 22 Feb 2019 18:59

Tgt Ion: 75 Resp: 1322
 Ion Ratio Lower Upper
 75 100
 77 54.7 22.0 40.8#





#59
 1,2,3-Trichloropropane
 Concen: 4.765 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV009337.D
 Acq: 22 Feb 2019 18:59

Instrument :
 MSVOA_V
 ClientSampleId :
 DB604

Tgt Ion: 75 Resp: 6370
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.3 39.5

