

Data File : VV010914.D
Acq On : 16 May 2019 00:34
Operator : SY/MD
Sample : K2788-16
Misc : 0.14G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51A7

Quant Time: May 16 08:14:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	118687	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	123939	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50751	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31360	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
7) Chloroethane-d5	1.56	69	25614	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.96%
10) 1,1-Dichloroethene-d2	2.12	63	46132	16.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.48%
20) 2-Butanone-d5	3.94	46	31098	65.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.74%
24) Chloroform-d	4.40	84	81750	23.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	5.08	65	52315	26.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.40%
29) Benzene-d6	5.10	84	161941	23.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.44%
33) 1,2-Dichloropropane-d6	6.12	67	54551	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.68%
37) Toluene-d8	7.36	98	139592	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.72%
38) trans-1,3-Dichloropropene-	7.66	79	20443	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.64%
39) 2-Hexanone-d5	8.13	63	24899	60.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57929	28.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	56444	26.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.52%

Target Compounds

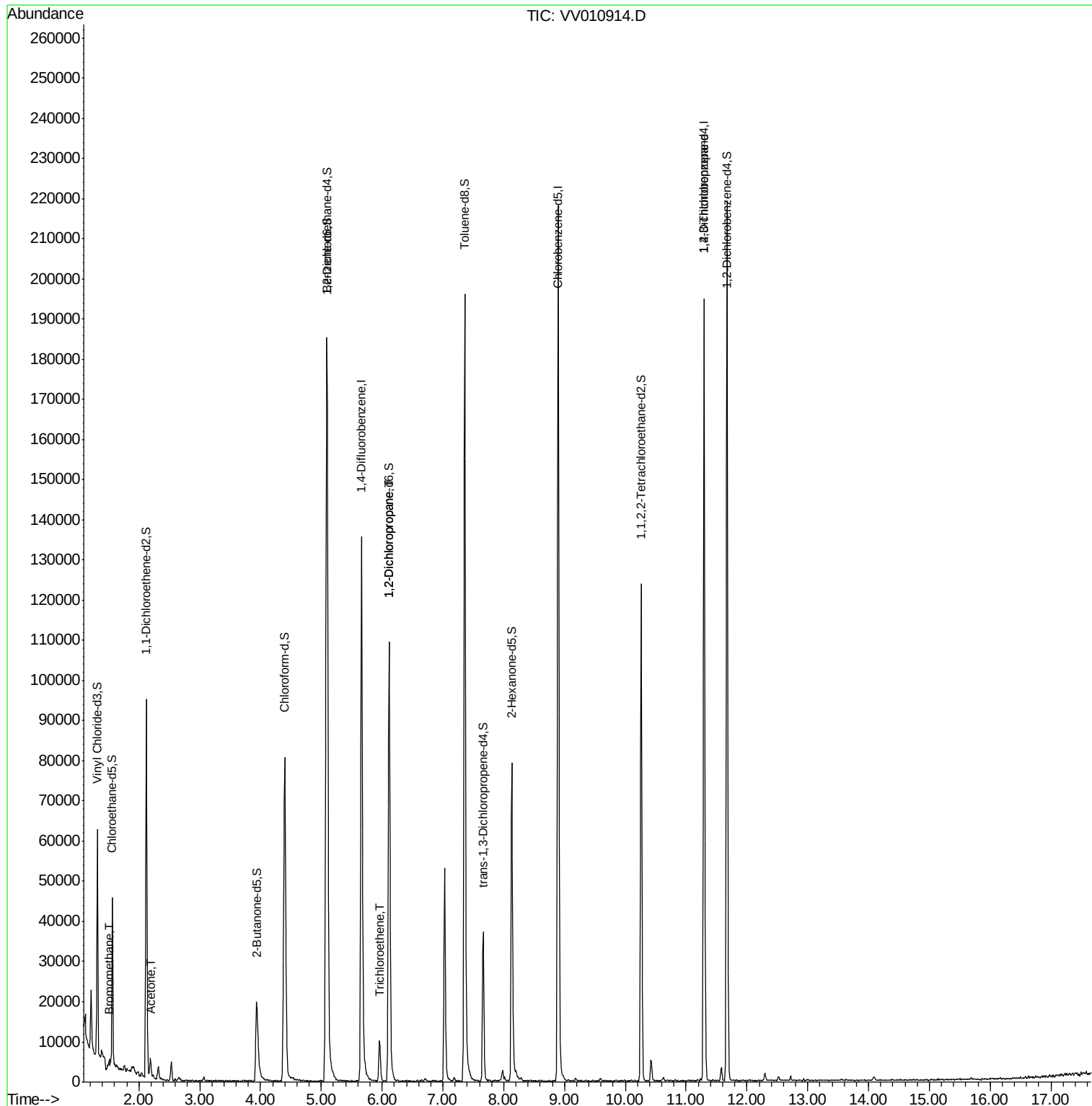
					Qvalue
6) Bromomethane	1.51	94	330	0.837 ug/L	90
13) Acetone	2.19	43	3447	7.114 ug/L	94
35) Trichloroethene	5.96	95	3308	1.767 ug/L	97
40) 1,2-Dichloropropane	6.12	63	6286	3.195 ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	6340	4.181 ug/L #	84

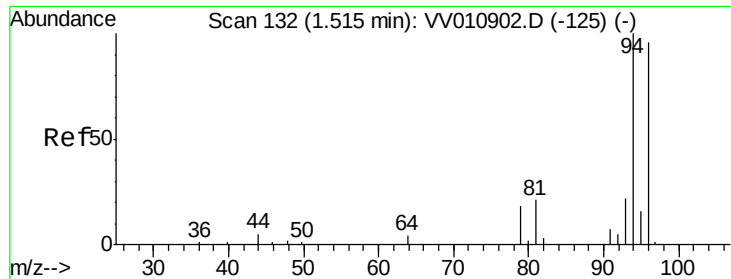
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.837 ug/L

RT: 1.51 min Scan# 131

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

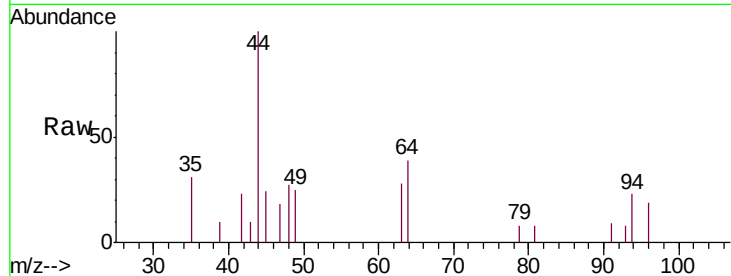
A51A7

Tgt Ion: 94 Resp: 330

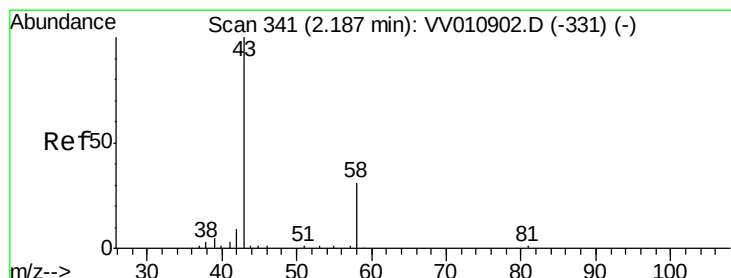
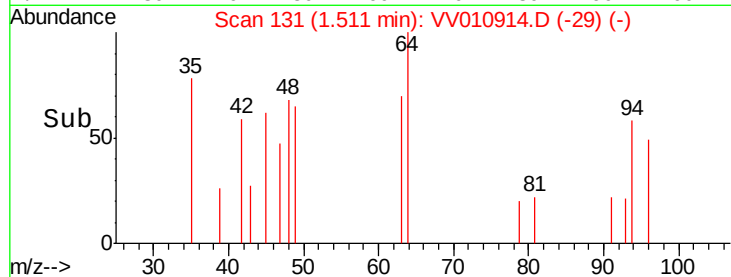
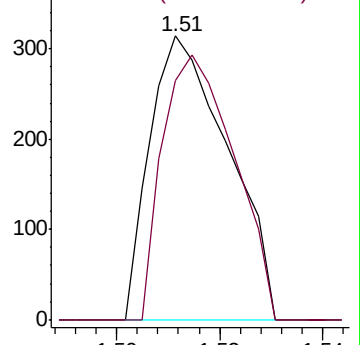
Ion Ratio Lower Upper

94 100

96 85.8 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010914.D (-29) (-)



#13

Acetone

Concen: 7.114 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010914.D

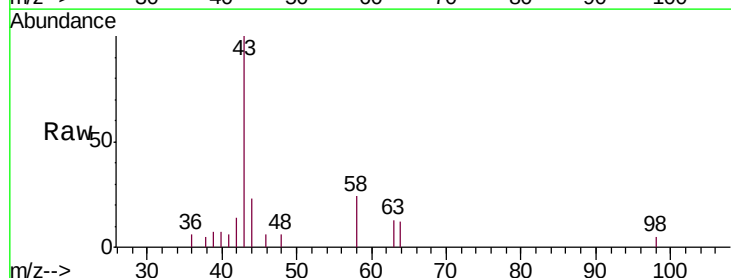
Acq: 16 May 2019 00:34

Tgt Ion: 43 Resp: 3447

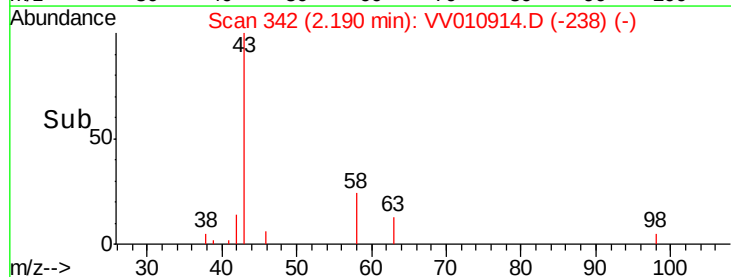
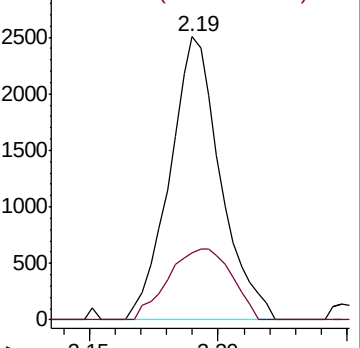
Ion Ratio Lower Upper

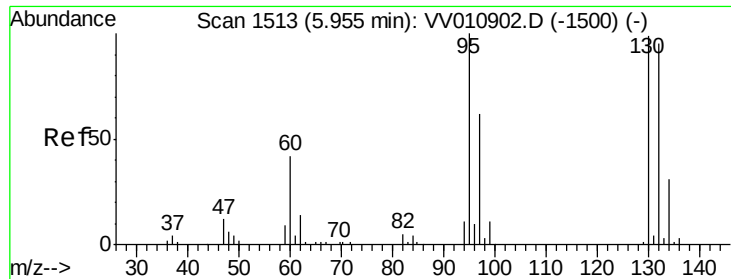
43 100

58 31.3 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010914.D (-238) (-)





#35

Trichloroethene

Concen: 1.767 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010914.D

Acq: 16 May 2019 00:34

Instrument :

MSVOA_V

ClientSampleId :

A51A7

Tgt Ion: 95 Resp: 3308

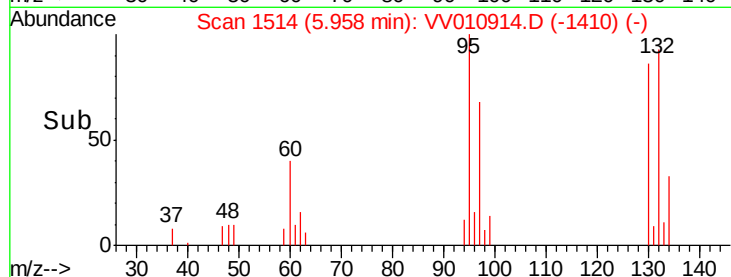
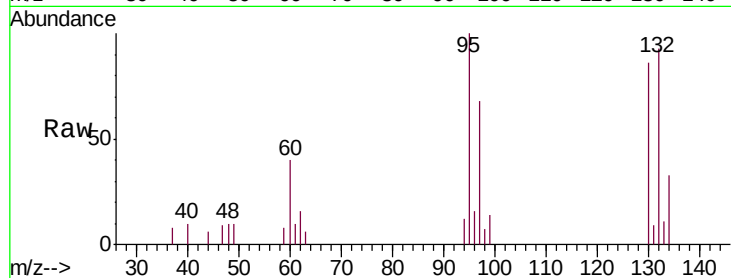
Ion Ratio Lower Upper

95 100

97 70.5 46.0 85.4

132 99.5 67.4 125.2

130 99.4 68.5 127.1

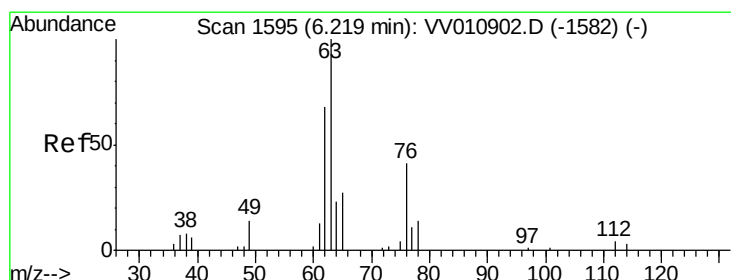
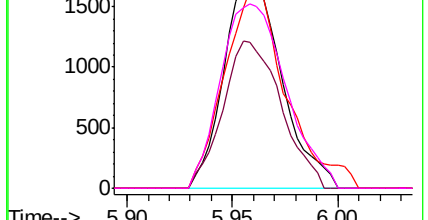


Abundance Ion 95.00 (94.70 to 95.70): VV010914.D (-1410) (-)

Ion 97.00 (96.70 to 97.70): VV010914.D (-1410) (-)

Ion 132.00 (131.70 to 132.70): VV010914.D (-1410) (-)

Ion 130.00 (129.70 to 130.70): VV010914.D (-1410) (-)



#40

1,2-Dichloropropane

Concen: 3.195 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010914.D

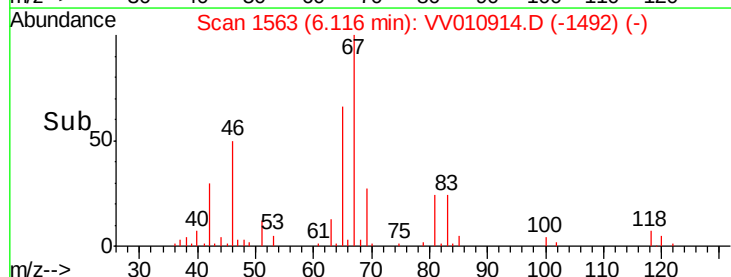
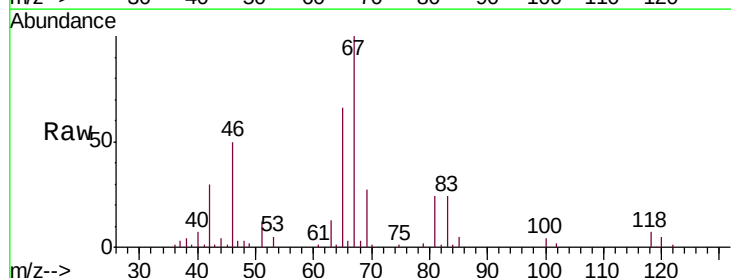
Acq: 16 May 2019 00:34

Tgt Ion: 63 Resp: 6286

Ion Ratio Lower Upper

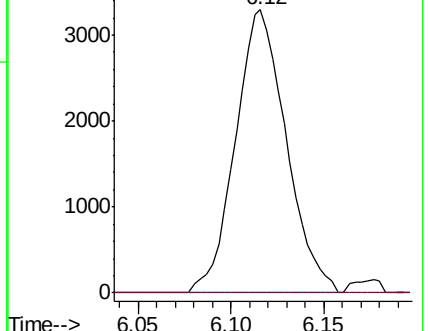
63 100

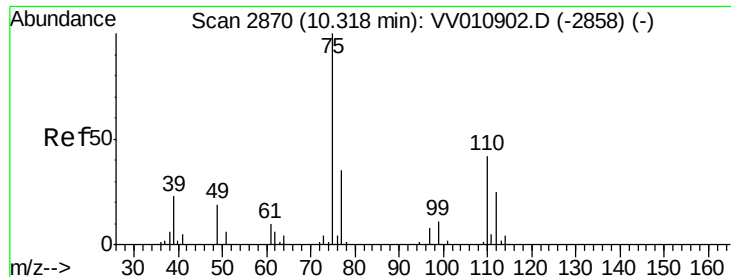
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV010914.D (-1492) (-)

Ion 112.00 (111.70 to 112.70): VV010914.D (-1492) (-)





#59

1,2,3-Trichloropropane

Concen: 4.181 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010914.D

Acq: 16 May 2019 00:34

Instrument :

MSVOA_V

ClientSampleId :

A51A7

Tgt Ion: 75 Resp: 6340

Ion Ratio Lower Upper

75 100

77 41.8 26.4 39.6#

