

Data File : VV010888.D
Acq On : 15 May 2019 05:14
Operator : SY/MD
Sample : K2814-01
Misc : 5.07G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4246

Quant Time: May 15 08:13:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	111917	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	96593	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30427	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32030	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
7) Chloroethane-d5	1.57	69	27712	29.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.28%
10) 1,1-Dichloroethene-d2	2.12	63	46909	17.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.56%
20) 2-Butanone-d5	3.94	46	7387	16.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	32.94%
24) Chloroform-d	4.39	84	70086	21.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.76%
26) 1,2-Dichloroethane-d4	5.07	65	42346	23.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.20%
29) Benzene-d6	5.09	84	151809	28.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.56%
33) 1,2-Dichloropropane-d6	6.11	67	51280	30.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.24%#
37) Toluene-d8	7.36	98	121848	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.88%
38) trans-1,3-Dichloropropene-	7.66	79	13054	17.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.16%
39) 2-Hexanone-d5	8.13	63	7785	24.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34024	21.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	31739	24.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.88%

Target Compounds

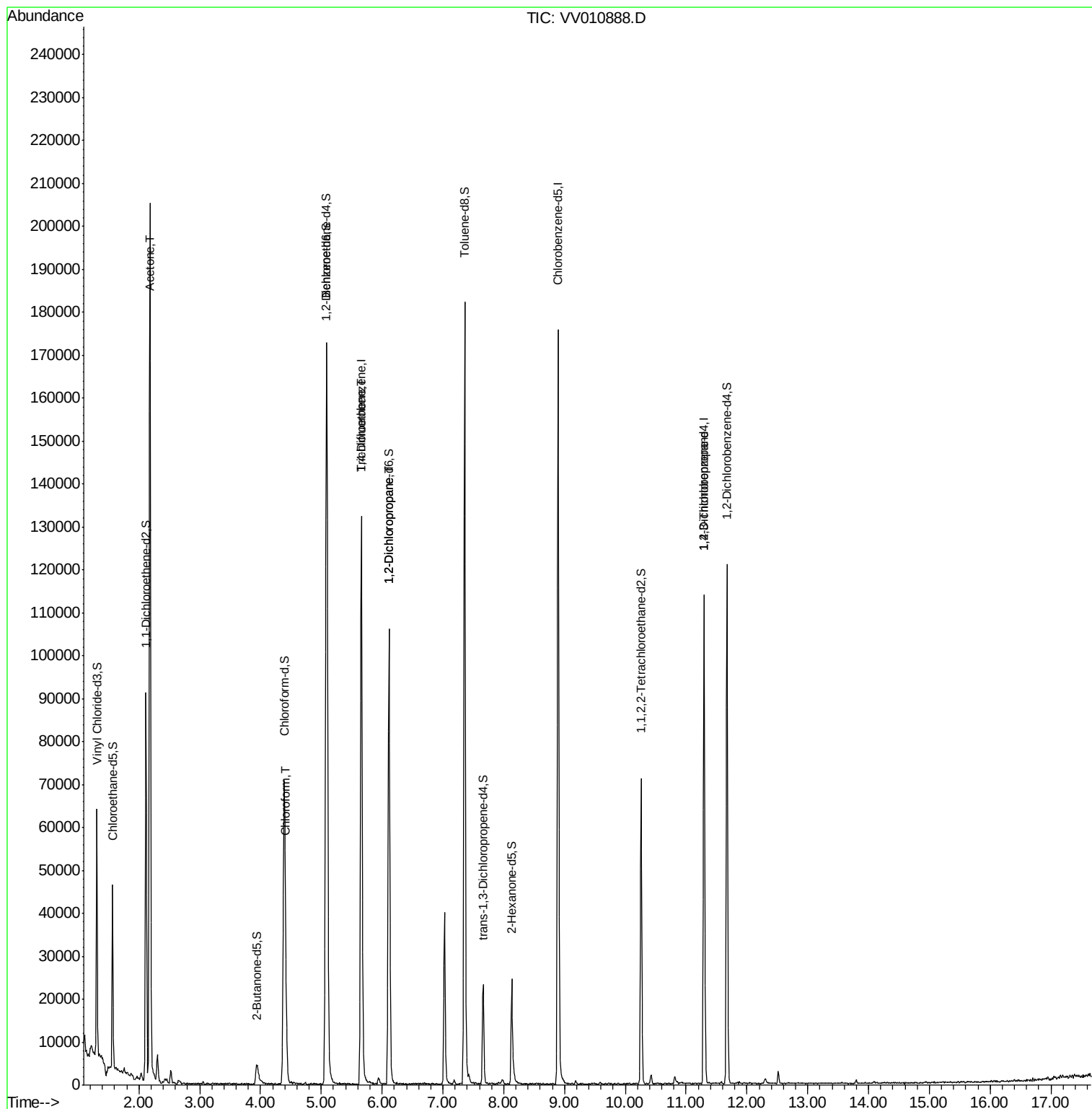
					Qvalue
13) Acetone	2.18	43	190517	416.952 ug/L	96
25) Chloroform	4.42	83	10686	3.312 ug/L	88
35) Trichloroethene	5.66	95	3166	2.170 ug/L #	5
40) 1,2-Dichloropropane	6.11	63	5736	3.741 ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	4078	3.451 ug/L	96

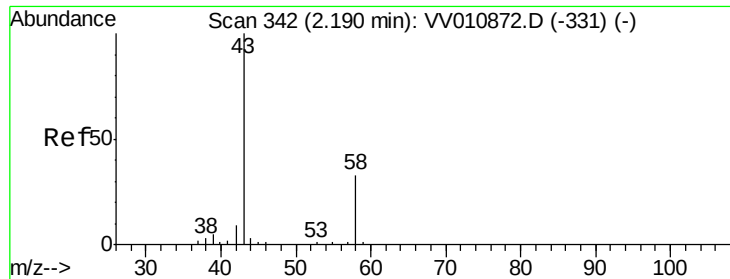
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 416.952 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

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Acq: 15 May 2019 05:14

Instrument :

MSVOA_V

ClientSampled :

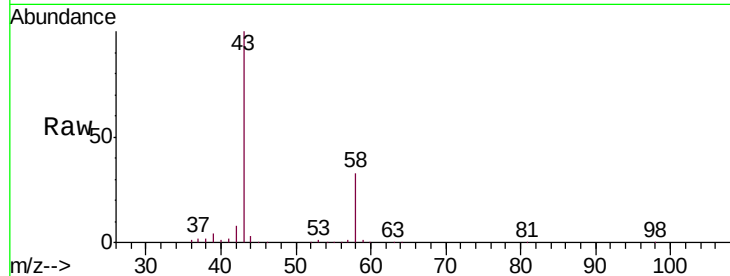
A4246

Tgt Ion: 43 Resp: 190517

Ion Ratio Lower Upper

43 100

58 32.4 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010888.D (-239) (-)

Ion 58.00 (57.70 to 58.70): VV010888.D (-239) (-)

150000

100000

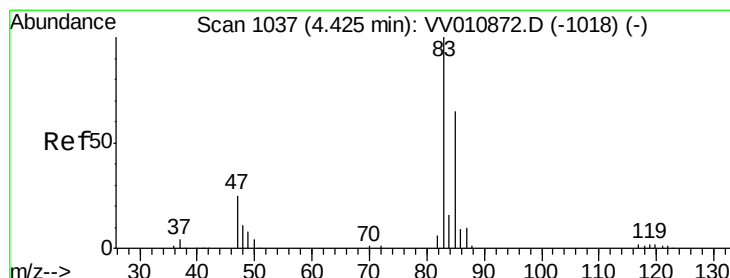
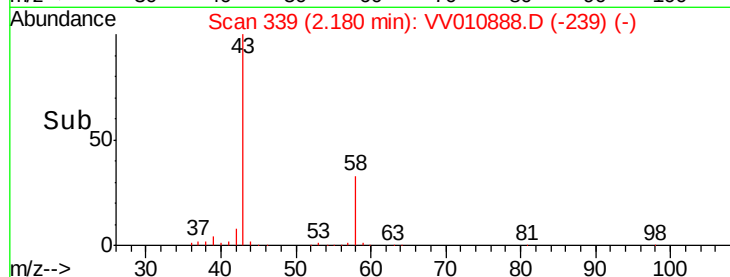
50000

0

2.10 2.15 2.20 2.25

2.18

Time-->



#25

Chloroform

Concen: 3.312 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV010888.D

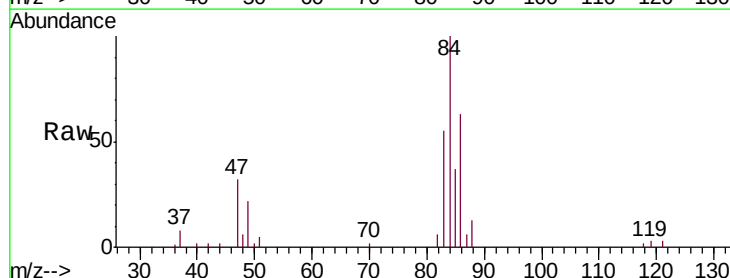
Acq: 15 May 2019 05:14

Tgt Ion: 83 Resp: 10686

Ion Ratio Lower Upper

83 100

85 74.3 45.3 84.1



Abundance Ion 83.00 (82.70 to 83.70): VV010888.D (-934) (-)

Ion 85.00 (84.70 to 85.70): VV010888.D (-934) (-)

5000

4000

3000

2000

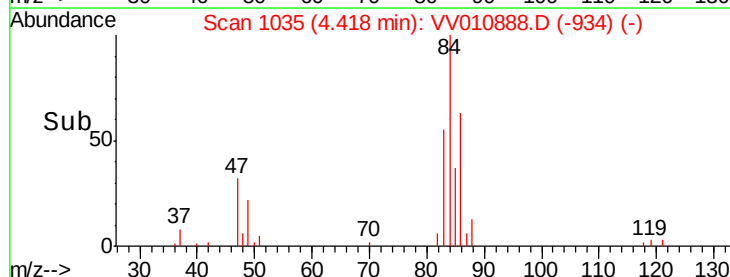
1000

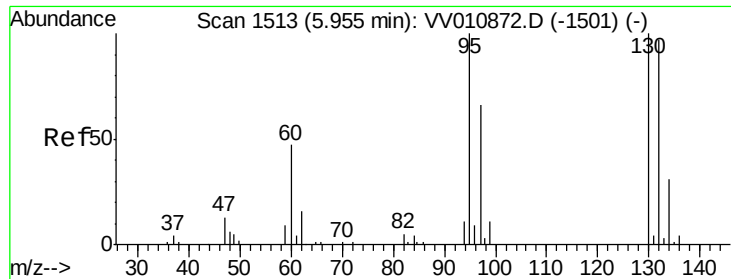
0

4.35 4.40 4.45 4.50

4.42

Time-->





#35

Trichloroethene

Concen: 2.170 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

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Instrument :

MSVOA_V

ClientSampleId :

A4246

Tgt Ion: 95 Resp: 3166

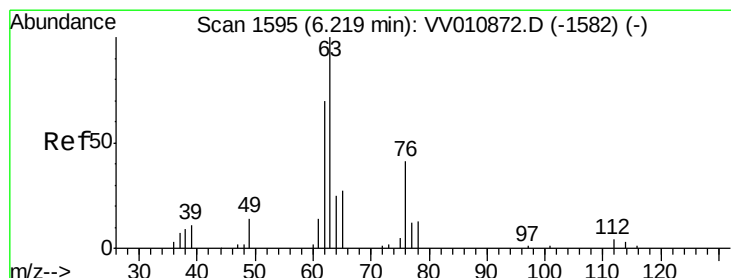
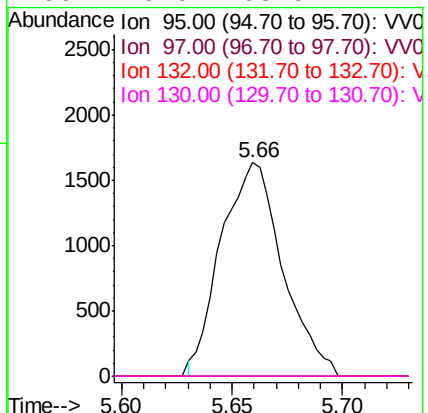
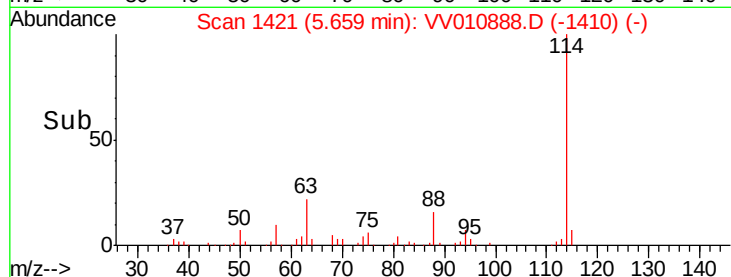
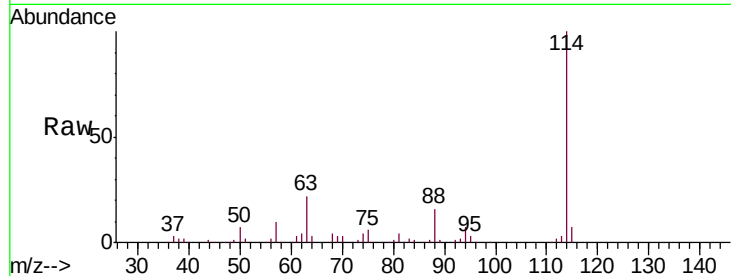
Ion Ratio Lower Upper

95 100

97 0.0 46.0 85.4#

132 0.0 67.4 125.2#

130 0.0 68.5 127.1#



#40

1,2-Dichloropropane

Concen: 3.741 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

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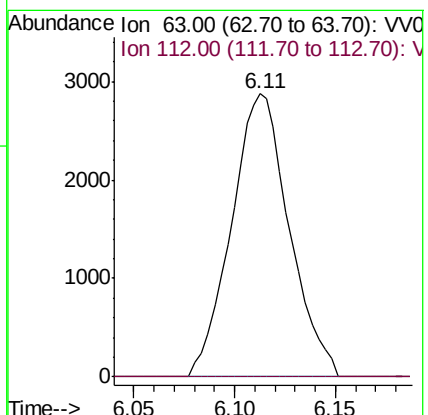
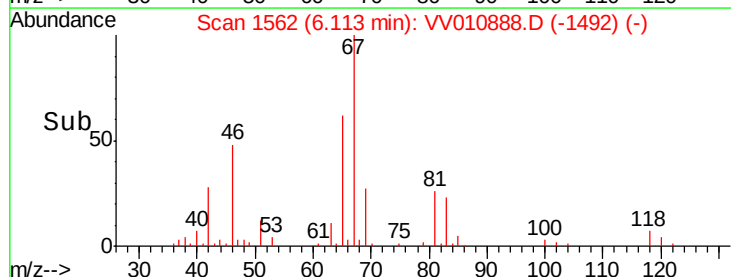
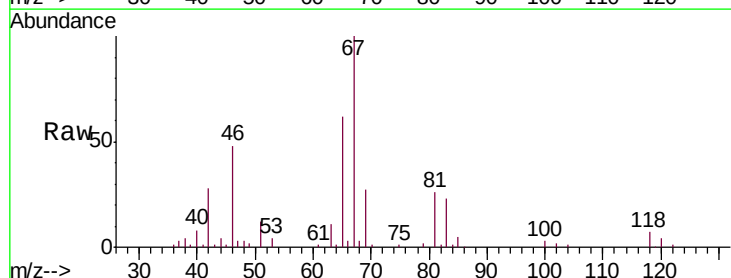
Acq: 15 May 2019 05:14

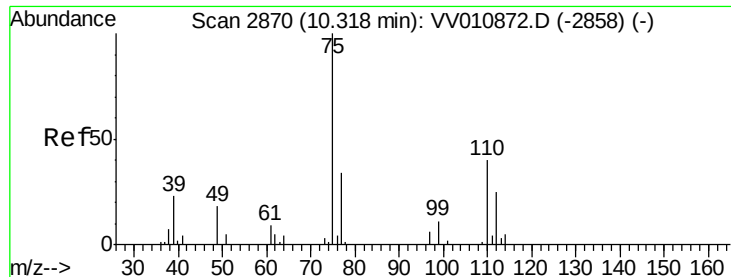
Tgt Ion: 63 Resp: 5736

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#59

1,2,3-Trichloropropane

Concen: 3.451 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010888.D

Acq: 15 May 2019 05:14

Instrument :

MSVOA_V

ClientSampleId :

A4246

Tgt Ion: 75 Resp: 4078

Ion Ratio Lower Upper

75 100

77 35.3 26.4 39.6

