

Data File : VV010797.D
Acq On : 10 May 2019 06:04
Operator : SY/MD
Sample : K2788-01
Misc : 7.11G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5188

Quant Time: May 10 07:59:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	101811	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	100389	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	38175	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26541	16.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.12%
7) Chloroethane-d5	1.56	69	26994	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
10) 1,1-Dichloroethene-d2	2.12	63	34470	10.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.20%#
20) 2-Butanone-d5	3.92	46	23187	48.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.72%
24) Chloroform-d	4.39	84	61319	22.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	5.07	65	41456	23.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.64%
29) Benzene-d6	5.09	84	119973	22.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.84%
33) 1,2-Dichloropropane-d6	6.11	67	39981	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.00%
37) Toluene-d8	7.36	98	105772	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.60%
38) trans-1,3-Dichloropropene-	7.66	79	15489	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.72%
39) 2-Hexanone-d5	8.13	63	17606	49.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39639	25.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	35622	24.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.36%

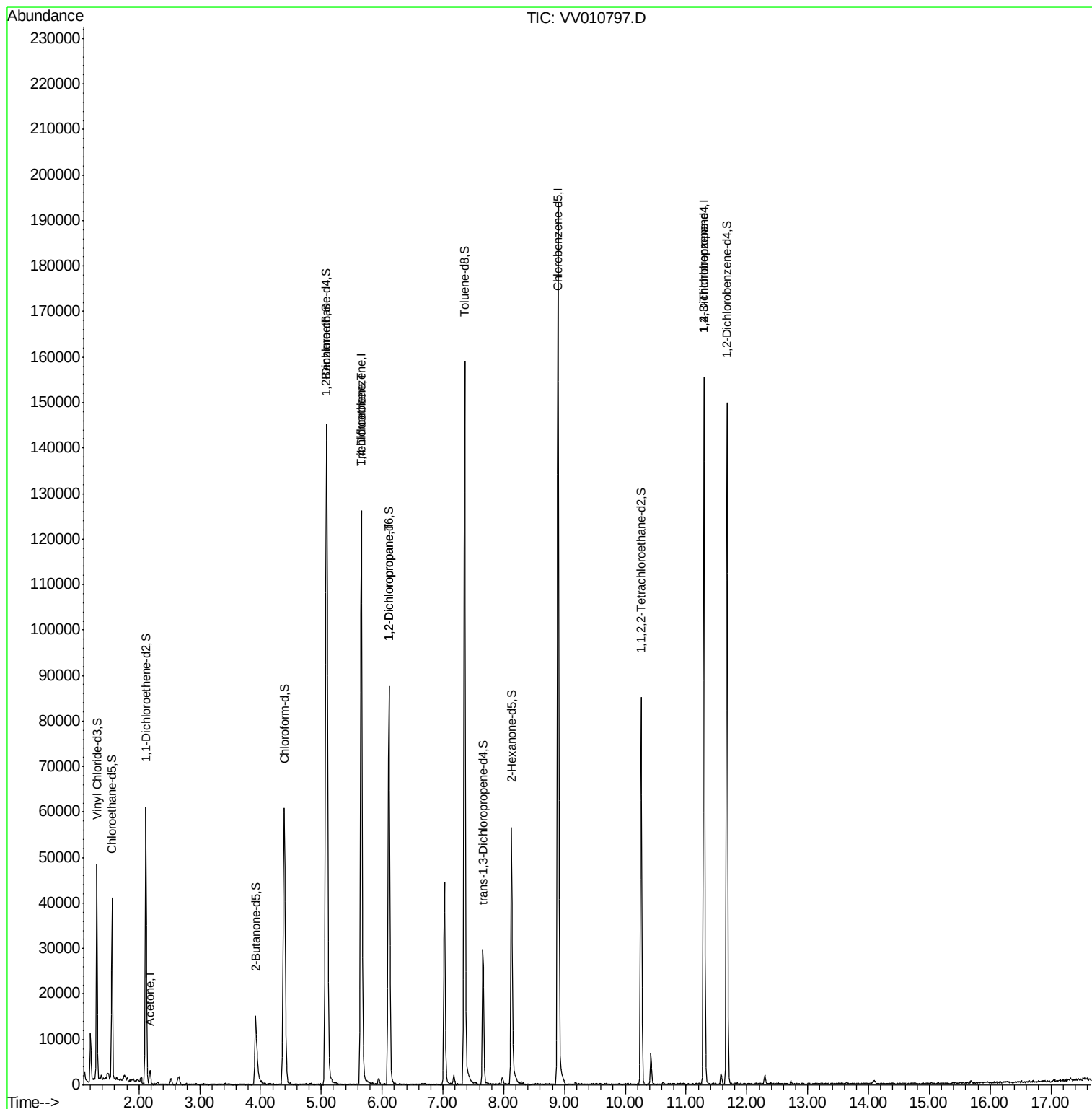
Target Compounds					Qvalue
13) Acetone	2.18	43	2812	3.827 ug/L	98
35) Trichloroethene	5.66	95	3215	1.948 ug/L #	7
40) 1,2-Dichloropropane	6.11	63	4841	3.088 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	5282	4.011 ug/L	90

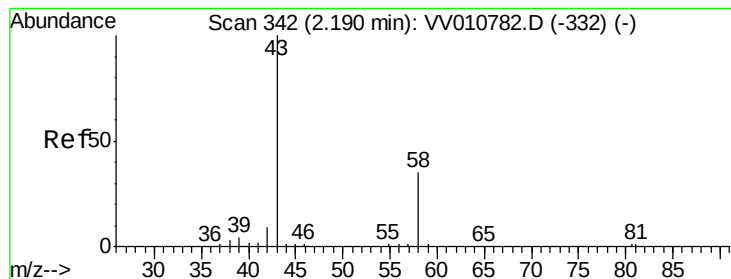
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.827 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

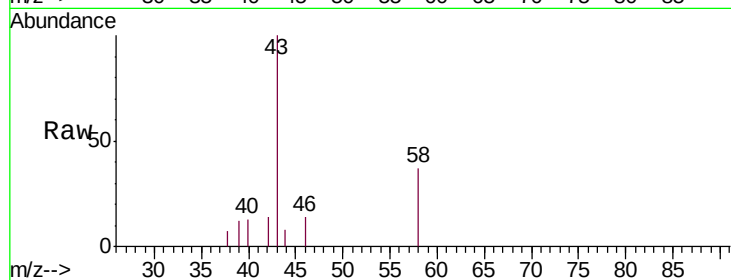
A5188

Tgt Ion: 43 Resp: 2812

Ion Ratio Lower Upper

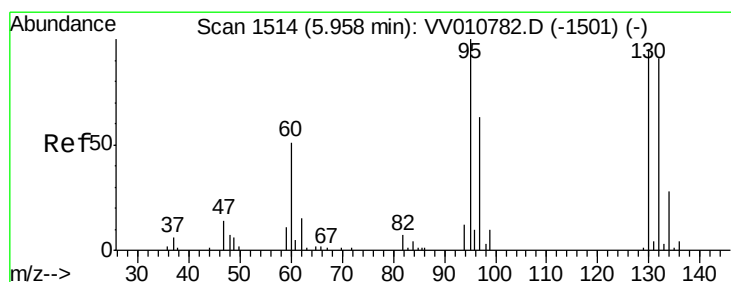
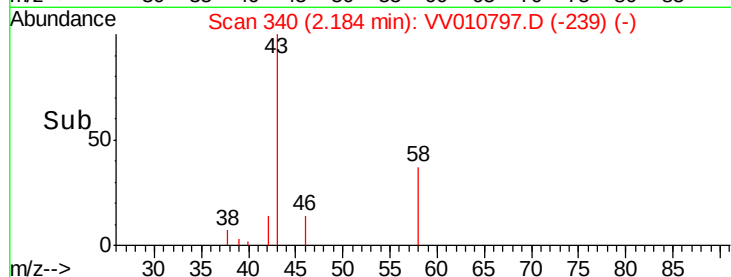
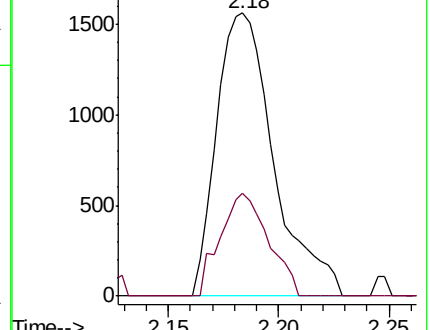
43 100

58 30.6 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010782.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010782.D (-332) (-)



#35

Trichloroethene

Concen: 1.948 ug/L

RT: 5.66 min Scan# 1420

Delta R.T. -0.30 min

Lab File: VV010797.D

Acq: 10 May 2019 06:04

Tgt Ion: 95 Resp: 3215

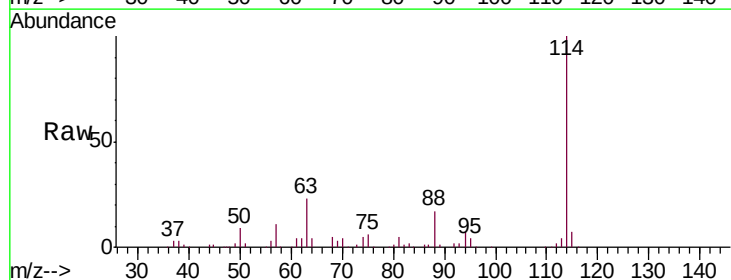
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#

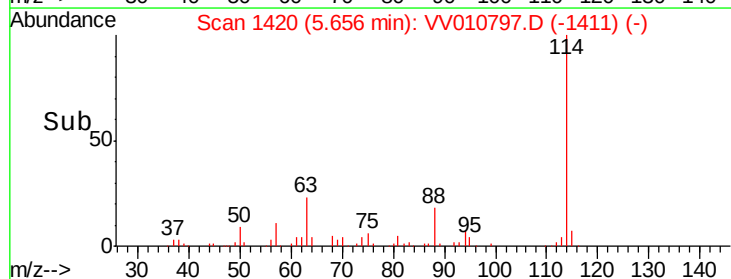
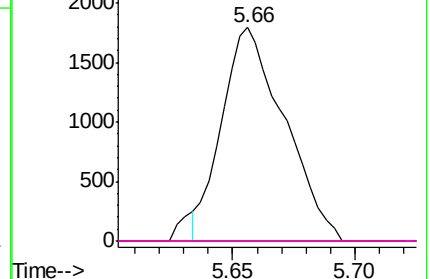


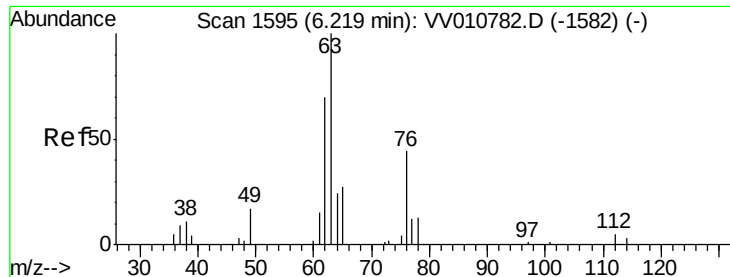
Abundance Ion 95.00 (94.70 to 95.70): VV010782.D (-1501) (-)

Ion 97.00 (96.70 to 97.70): VV010782.D (-1501) (-)

Ion 132.00 (131.70 to 132.70): VV010782.D (-1501) (-)

Ion 130.00 (129.70 to 130.70): VV010782.D (-1501) (-)





#40

1,2-Dichloropropane

Concen: 3.088 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

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Instrument :

MSVOA_V

ClientSampled :

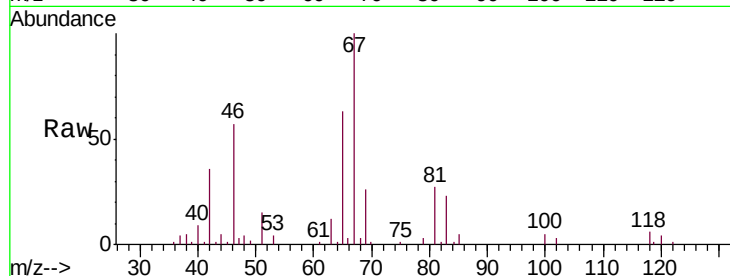
A5188

Tgt Ion: 63 Resp: 4841

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV010782.D (-1582) (-)

Ion 112.00 (111.70 to 112.70): VV010782.D (-1582) (-)

6.11

2500

2000

1500

1000

500

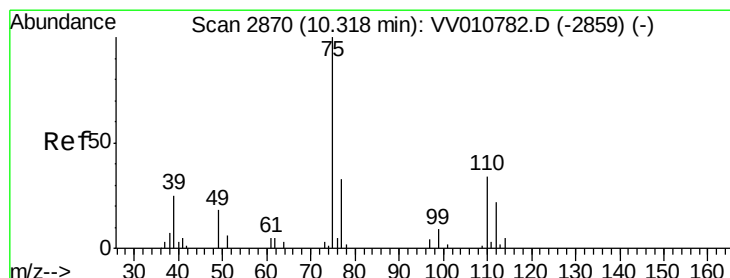
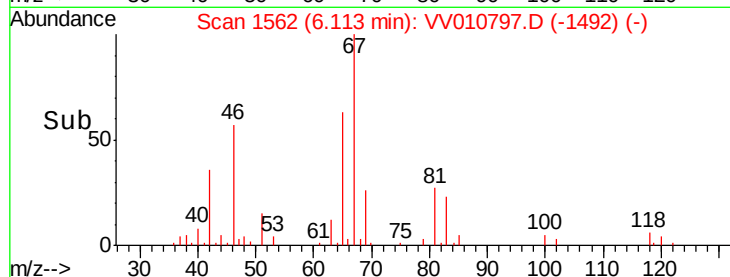
0

6.05

6.10

6.15

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.011 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010797.D

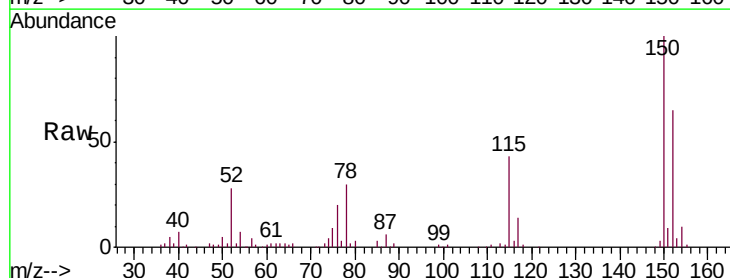
Acq: 10 May 2019 06:04

Tgt Ion: 75 Resp: 5282

Ion Ratio Lower Upper

75 100

77 36.8 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VV010782.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV010782.D (-2859) (-)

11.29

3000

2000

1000

0

11.25

11.30

Time-->

