

Data File : VV010840.D
Acq On : 11 May 2019 04:35
Operator : SY/MD
Sample : K2737-10
Misc : 4.40G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB858

Quant Time: May 11 05:08:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	104008	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	99080	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	37716	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25820	15.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.92%
7) Chloroethane-d5	1.56	69	28105	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.56%
10) 1,1-Dichloroethene-d2	2.12	63	43775	12.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.96%
20) 2-Butanone-d5	3.92	46	17336	35.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.52%
24) Chloroform-d	4.39	84	64163	22.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	5.07	65	39003	22.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.08%
29) Benzene-d6	5.09	84	124129	23.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.20%
33) 1,2-Dichloropropane-d6	6.11	67	41018	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.72%
37) Toluene-d8	7.36	98	103381	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.80%
38) trans-1,3-Dichloropropene-	7.66	79	13492	17.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.24%
39) 2-Hexanone-d5	8.13	63	11469	32.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	29787	19.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	35465	24.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.12%

Target Compounds

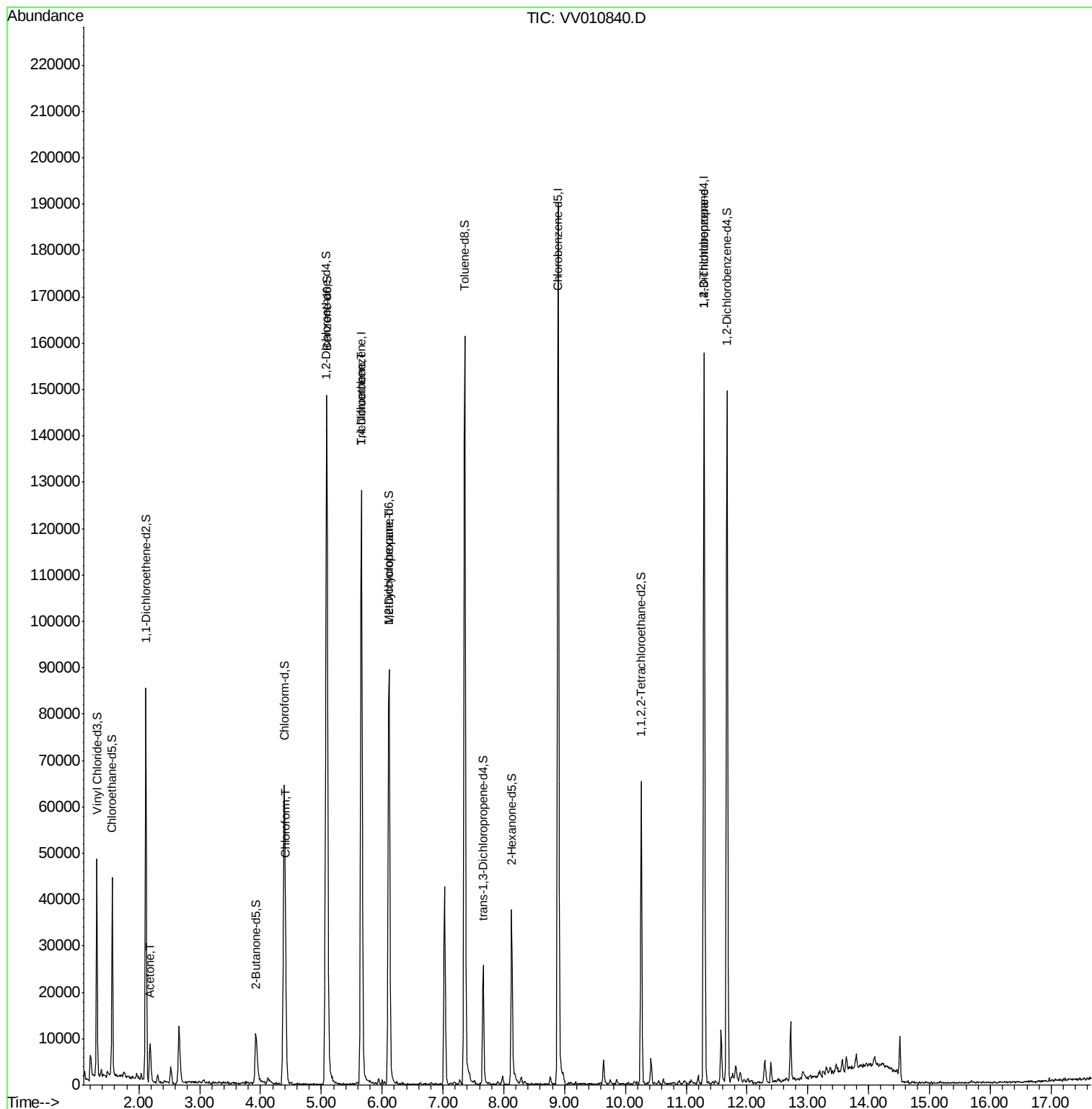
					Qvalue
13) Acetone	2.18	43	10647	14.184 ug/L	96
25) Chloroform	4.42	83	4158	1.321 ug/L	84
35) Trichloroethene	5.66	95	3205	1.967 ug/L #	7
36) Methylcyclohexane	6.12	83	10175	3.897 ug/L #	17
59) 1,2,3-Trichloropropane	11.29	75	4849	3.731 ug/L #	77

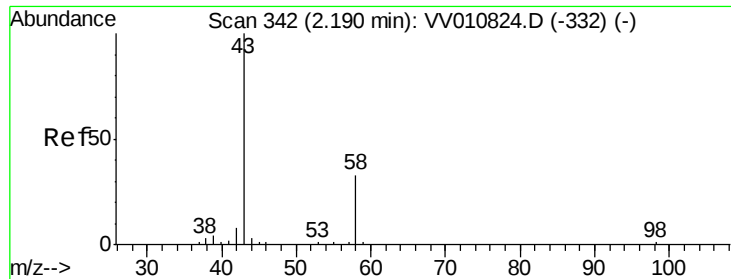
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.184 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

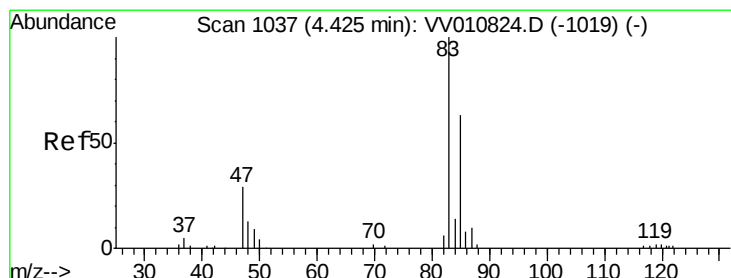
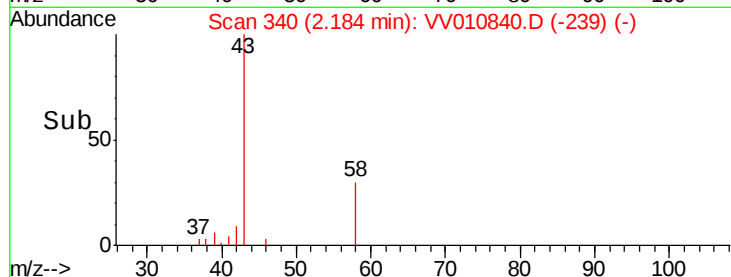
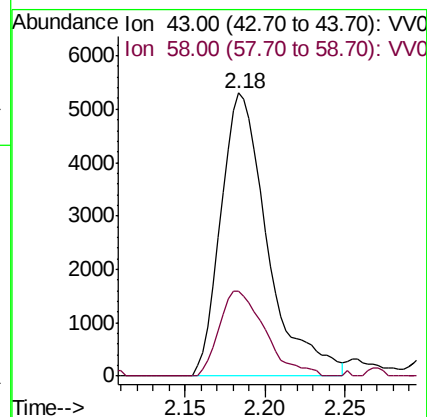
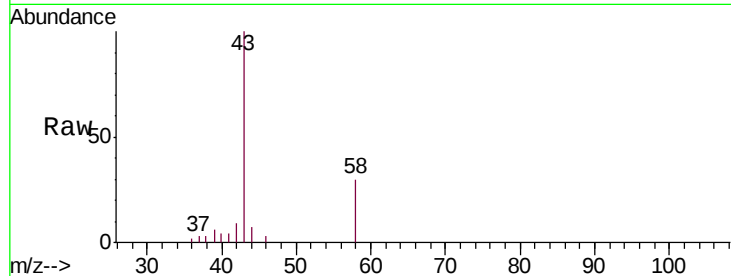
DB858

Tgt Ion: 43 Resp: 10647

Ion Ratio Lower Upper

43 100

58 29.4 0.0 63.4



#25

Chloroform

Concen: 1.321 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

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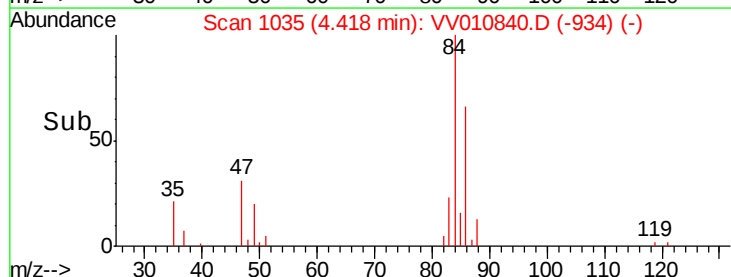
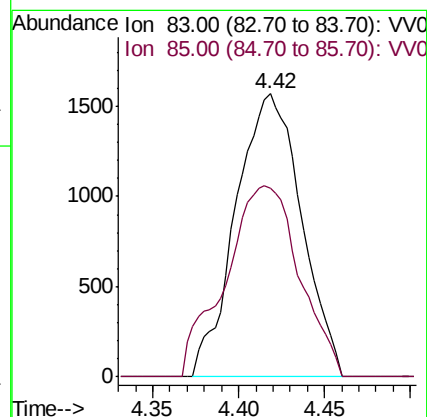
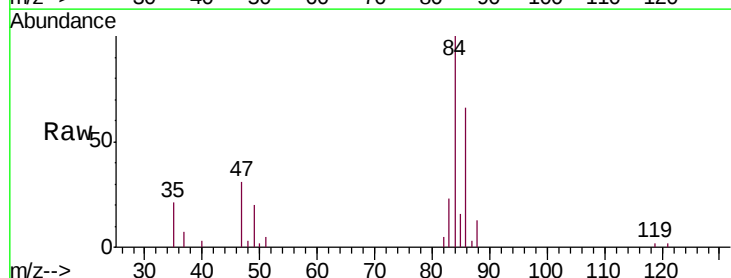
Acq: 11 May 2019 04:35

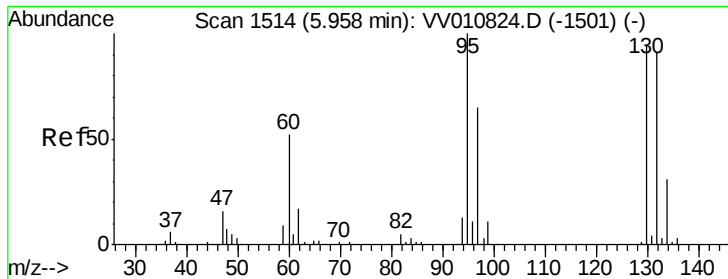
Tgt Ion: 83 Resp: 4158

Ion Ratio Lower Upper

83 100

85 76.5 44.6 82.8





#35

Trichloroethene

Concen: 1.967 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

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Acq: 11 May 2019 04:35

Instrument :

MSVOA_V

ClientSampled :

DB858

Tgt Ion: 95 Resp: 3205

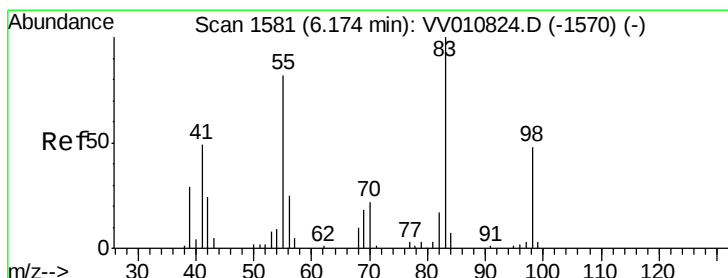
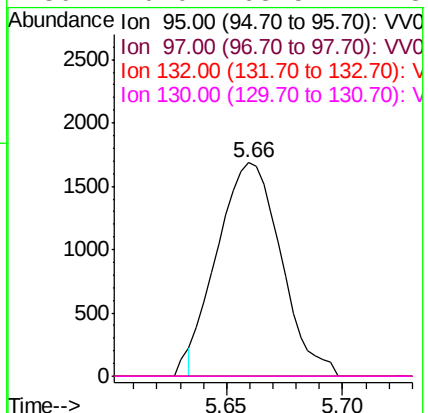
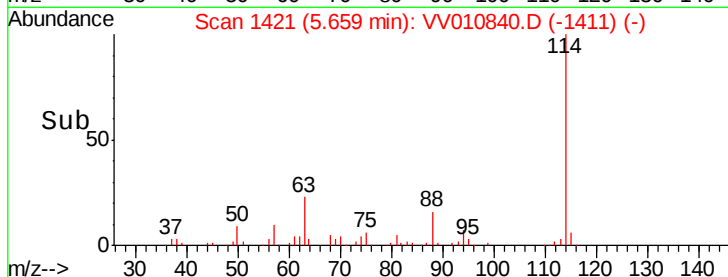
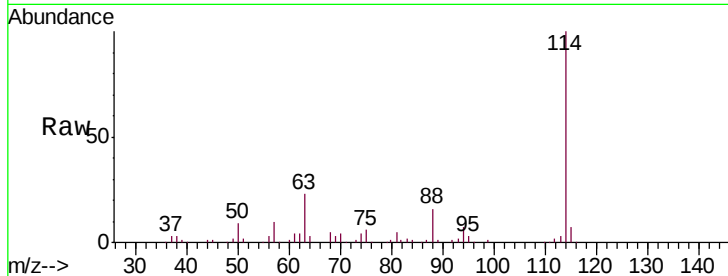
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#36

Methylcyclohexane

Concen: 3.897 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

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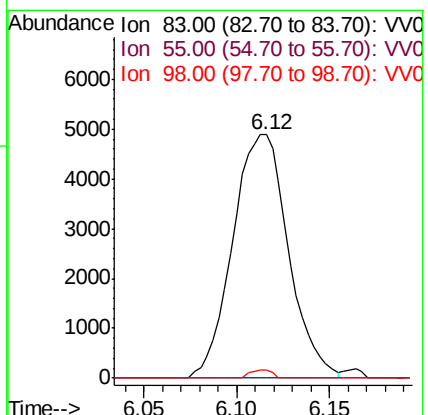
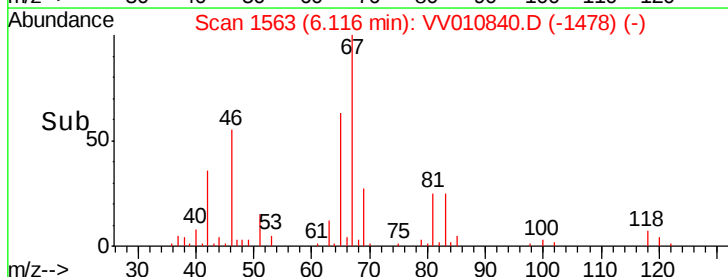
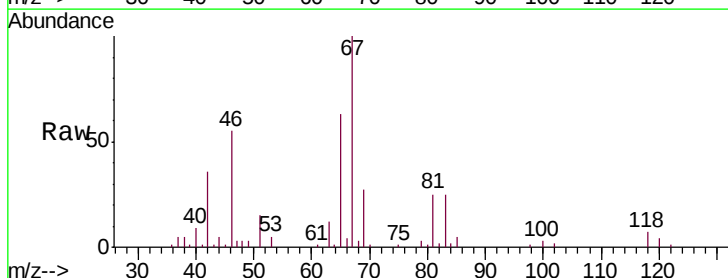
Tgt Ion: 83 Resp: 10175

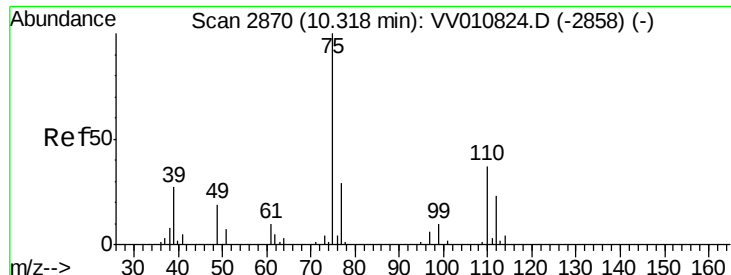
Ion Ratio Lower Upper

83 100

55 0.0 64.6 96.8#

98 1.3 37.7 56.5#





#59

1,2,3-Trichloropropane

Concen: 3.731 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

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Instrument :

MSVOA_V

ClientSampleId :

DB858

Tgt Ion: 75 Resp: 4849

Ion Ratio Lower Upper

75 100

77 44.0 25.0 37.6#

