

Data File : VV011034.D
Acq On : 23 May 2019 18:29
Operator : SY/MD
Sample : K3016-01
Misc : 4.81G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C0

Quant Time: May 24 08:20:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	100707	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	96201	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33099	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18990	16.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.16%
7) Chloroethane-d5	1.56	69	14743	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.88%
10) 1,1-Dichloroethene-d2	2.22	63	201	0.09	ug/L	0.10
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.36%#
20) 2-Butanone-d5	3.94	46	31607	79.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.56%#
24) Chloroform-d	4.40	84	60054	23.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.08	65	36060	23.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.84%
29) Benzene-d6	5.09	84	114235	21.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.00%
33) 1,2-Dichloropropane-d6	6.12	67	40557	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.20%
37) Toluene-d8	7.36	98	95592	19.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.32%
38) trans-1,3-Dichloropropene-	7.66	79	15396	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.88%
39) 2-Hexanone-d5	8.13	63	25599	82.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.50%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45415	27.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	27027	20.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.44%

Target Compounds

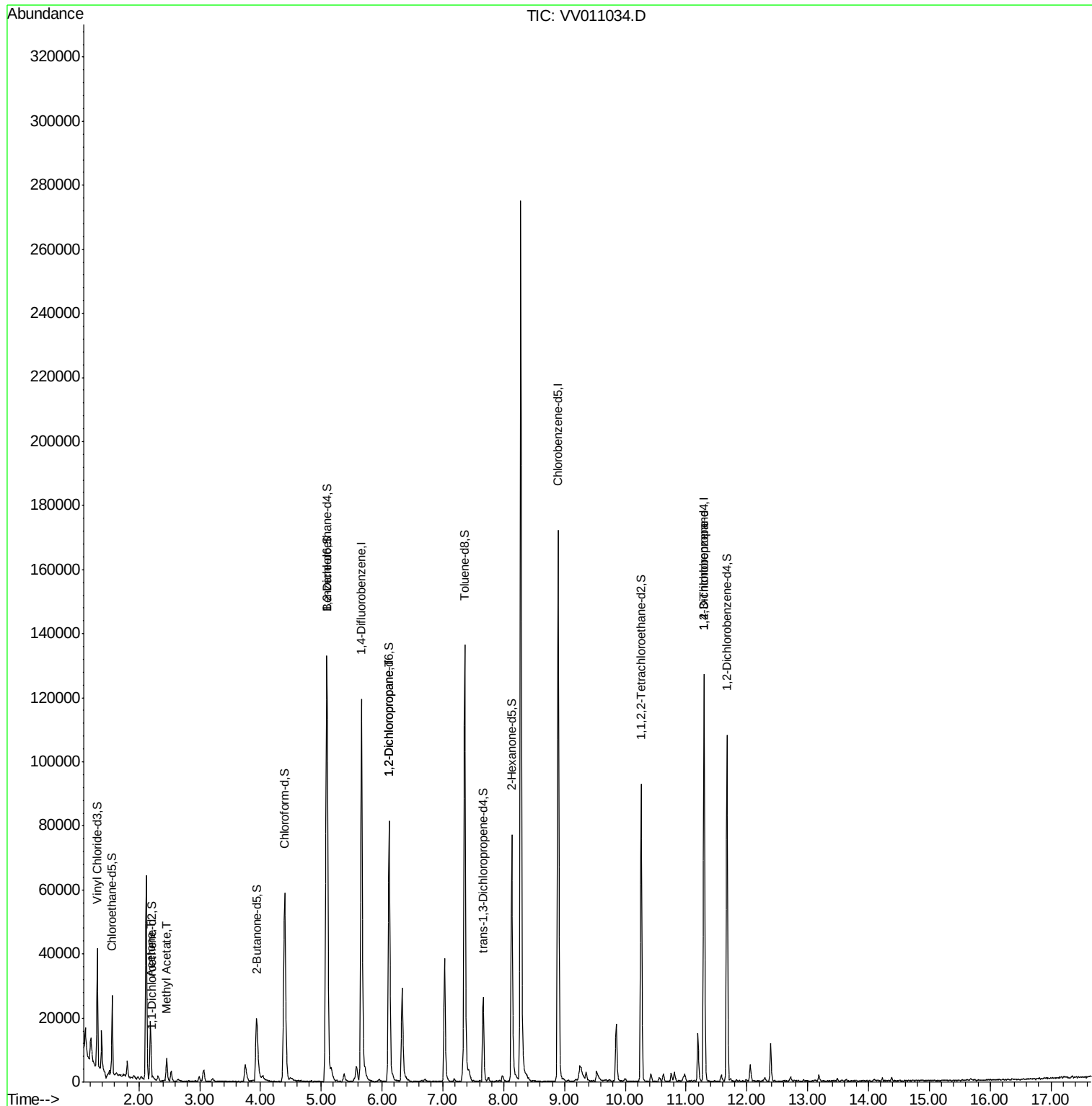
					Qvalue
13) Acetone	2.19	43	16573	43.381 ug/L	97
15) Methyl Acetate	2.46	43	6976	9.504 ug/L	99
40) 1,2-Dichloropropane	6.11	63	4231	2.903 ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	4623	3.849 ug/L	97

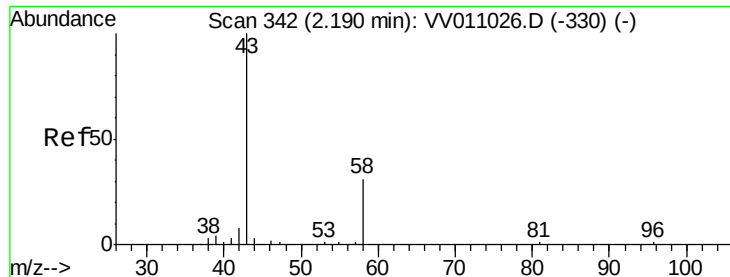
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 43.381 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

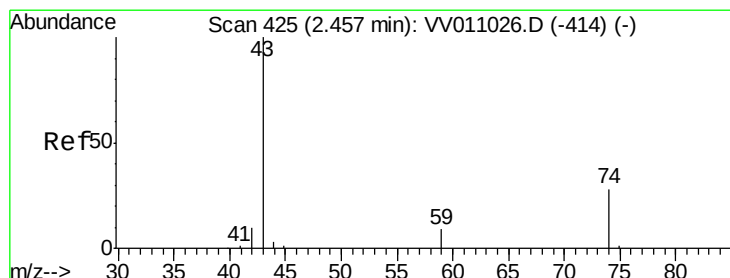
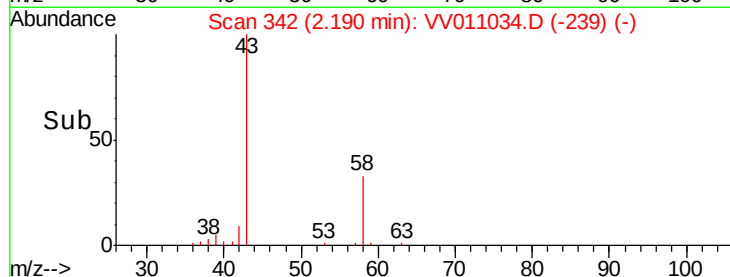
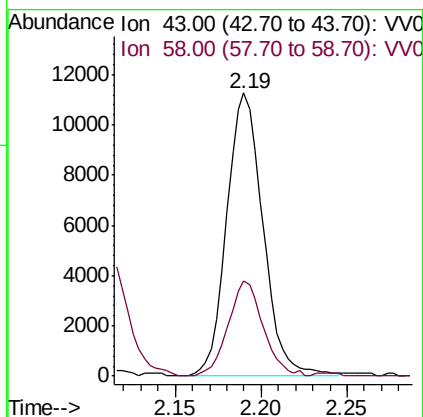
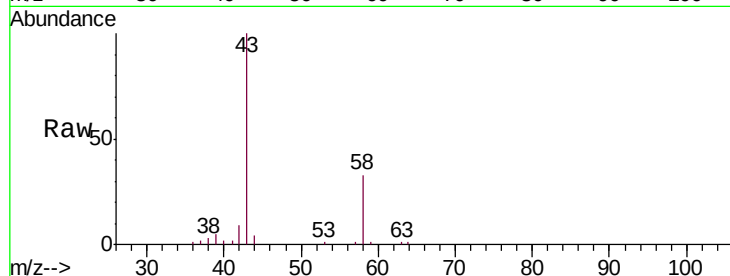
A51C0

Tgt Ion: 43 Resp: 16573

Ion Ratio Lower Upper

43 100

58 32.0 0.0 60.8



#15

Methyl Acetate

Concen: 9.504 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

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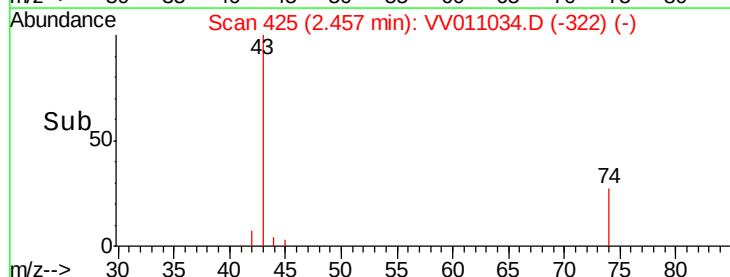
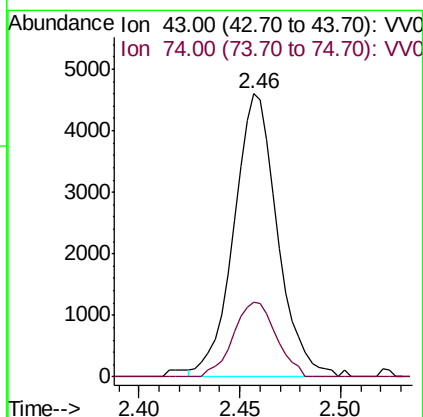
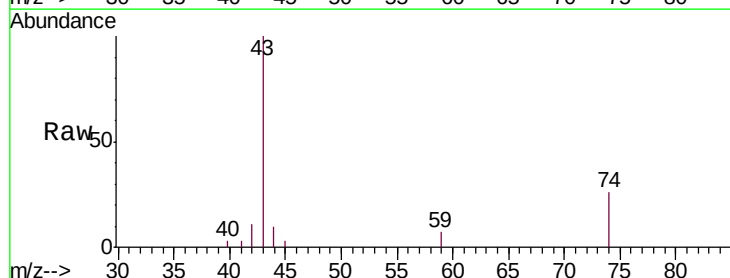
Acq: 23 May 2019 18:29

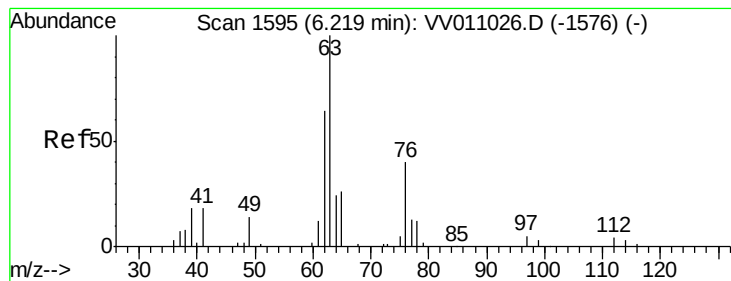
Tgt Ion: 43 Resp: 6976

Ion Ratio Lower Upper

43 100

74 25.9 21.1 31.7





#40

1,2-Dichloropropane

Concen: 2.903 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

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Instrument :

MSVOA_V

ClientSampled :

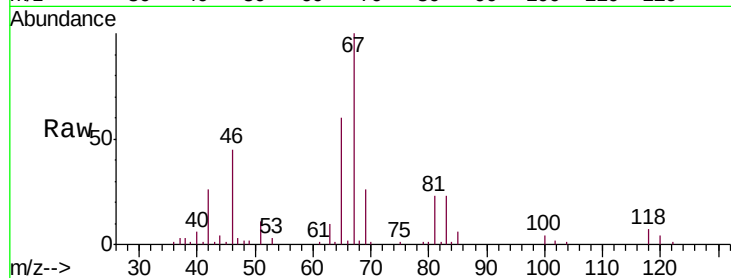
A51C0

Tgt Ion: 63 Resp: 4231

Ion Ratio Lower Upper

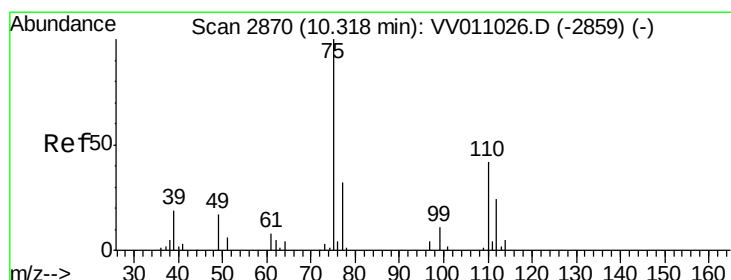
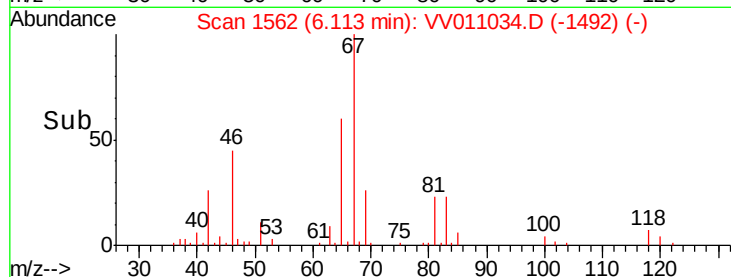
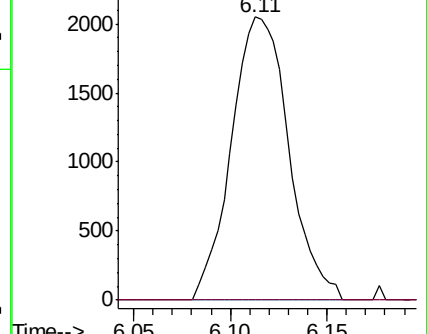
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



#59

1,2,3-Trichloropropane

Concen: 3.849 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

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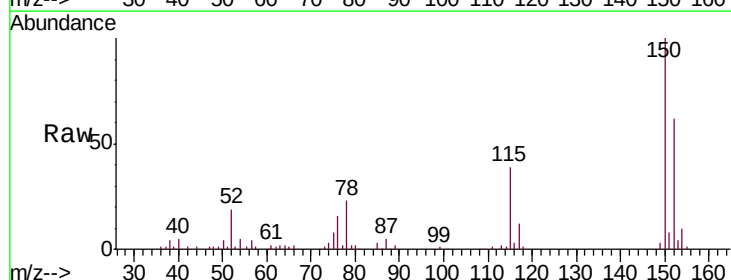
Acq: 23 May 2019 18:29

Tgt Ion: 75 Resp: 4623

Ion Ratio Lower Upper

75 100

77 33.5 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

