

Data File : VV011074.D
Acq On : 28 May 2019 20:19
Operator : SY/MD
Sample : K3016-02
Misc : 5.24G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C1RE

Quant Time: May 29 02:19:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	404649	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	354445	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	118139	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	142621	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.84%
7) Chloroethane-d5	1.56	69	105500	26.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.56%
10) 1,1-Dichloroethene-d2	2.12	63	212454	20.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.36%
20) 2-Butanone-d5	3.93	46	163253	85.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.76%#
24) Chloroform-d	4.40	84	286727	29.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.88%
26) 1,2-Dichloroethane-d4	5.08	65	189066	30.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.56%
29) Benzene-d6	5.09	84	605279	29.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.68%
33) 1,2-Dichloropropane-d6	6.11	67	201435	30.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.04%#
37) Toluene-d8	7.36	98	524857	27.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.76%
38) trans-1,3-Dichloropropene-	7.66	79	91574	29.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.08%
39) 2-Hexanone-d5	8.13	63	127815	88.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	177.70%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	188779	33.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.00%#
61) 1,2-Dichlorobenzene-d4	11.67	152	126221	27.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.08%

Target Compounds

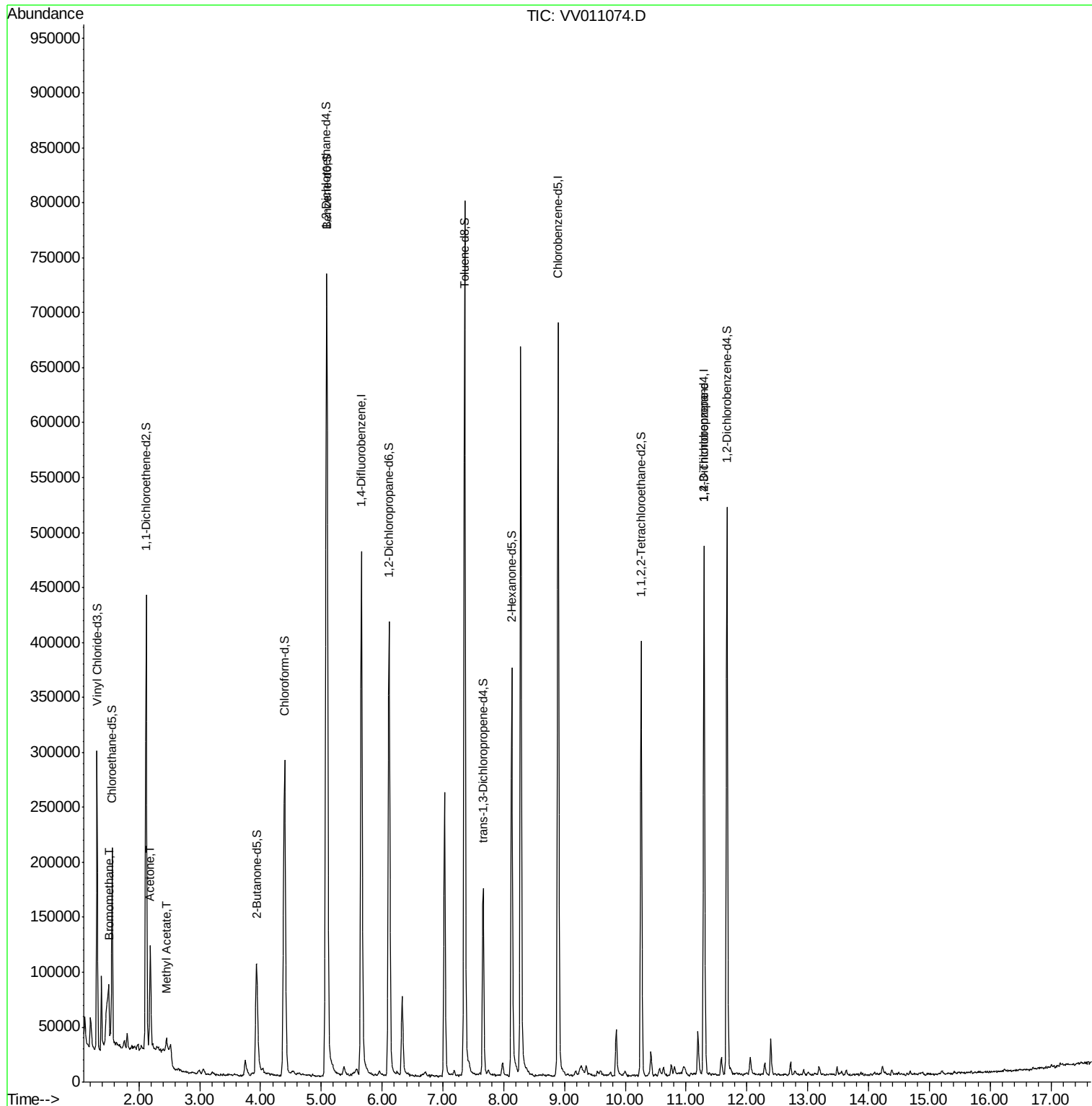
					Qvalue
6) Bromomethane	1.51	94	1833	0.708 ug/L	83
13) Acetone	2.19	43	89403	41.273 ug/L	99
15) Methyl Acetate	2.45	43	11326	3.622 ug/L #	100
59) 1,2,3-Trichloropropane	11.30	75	16697	3.918 ug/L	89

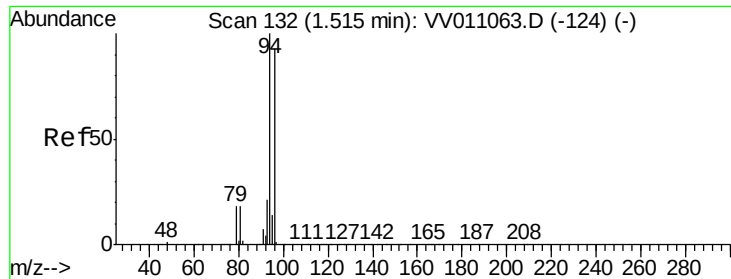
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011074.D
Acq On : 28 May 2019 20:19
Operator : SY/MD
Sample : K3016-02
Misc : 5.24G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C1RE

Quant Time: May 29 02:19:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:15:20 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.708 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.01 min

Lab File: VV011074.D

Acq: 28 May 2019 20:19

Instrument :

MSVOA_V

ClientSampleId :

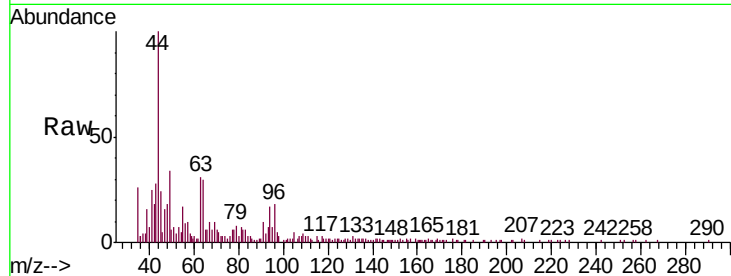
A51C1RE

Tgt Ion: 94 Resp: 1833

Ion Ratio Lower Upper

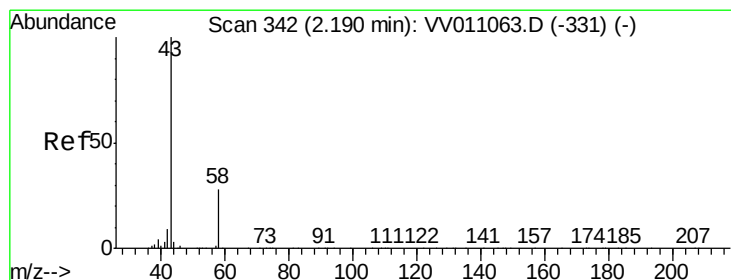
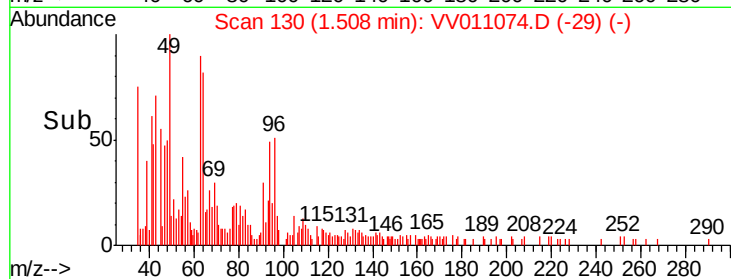
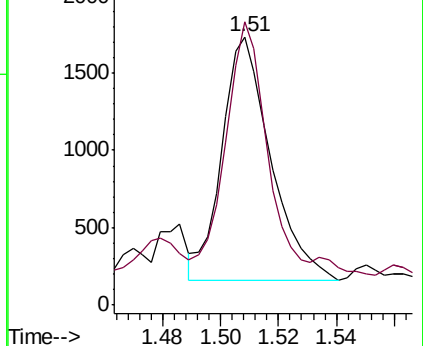
94 100

96 78.5 9.5 179.7



Abundance Ion 94.00 (93.70 to 94.70): VV011063.D (-124) (-)

Ion 96.00 (95.70 to 96.70): VV011063.D (-124) (-)



#13

Acetone

Concen: 41.273 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV011074.D

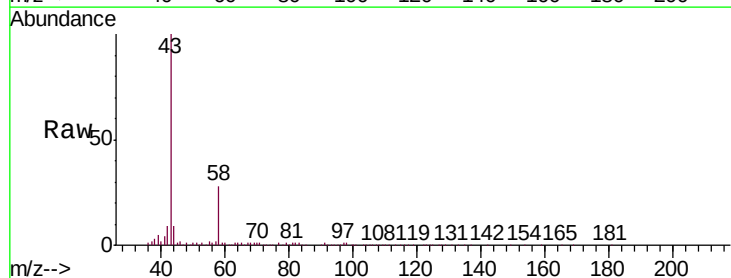
Acq: 28 May 2019 20:19

Tgt Ion: 43 Resp: 89403

Ion Ratio Lower Upper

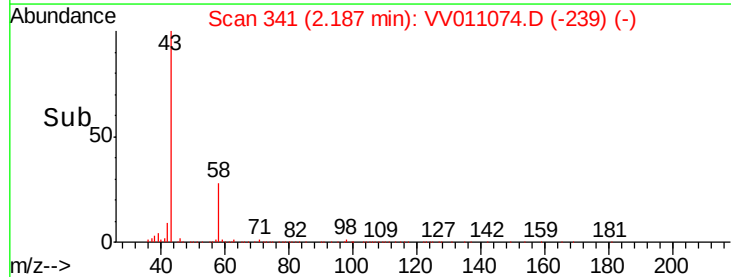
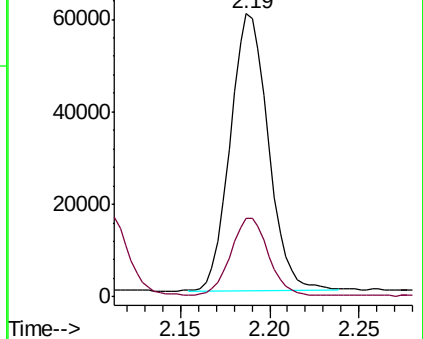
43 100

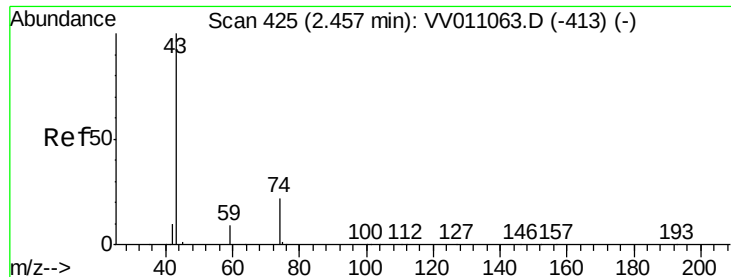
58 27.0 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV011063.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV011063.D (-331) (-)





#15

Methyl Acetate

Concen: 3.622 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.00 min

Lab File: VV011074.D

Acq: 28 May 2019 20:19

Instrument :

MSVOA_V

ClientSampleId :

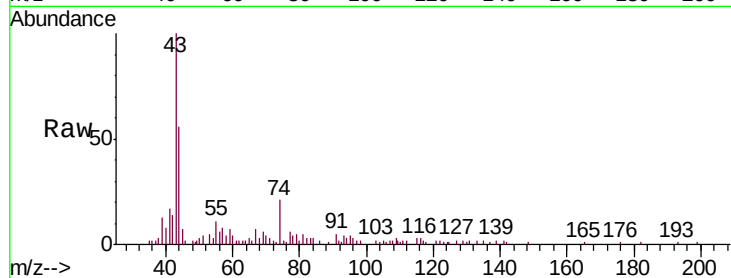
A51C1RE

Tgt Ion: 43 Resp: 11326

Ion Ratio Lower Upper

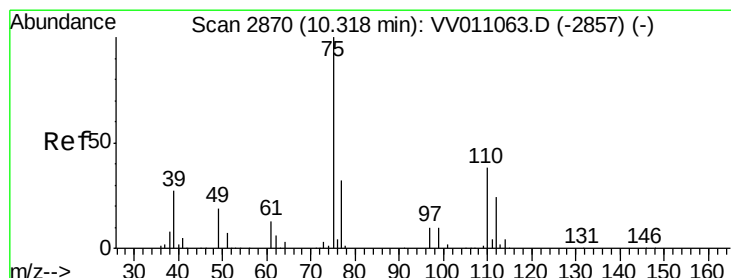
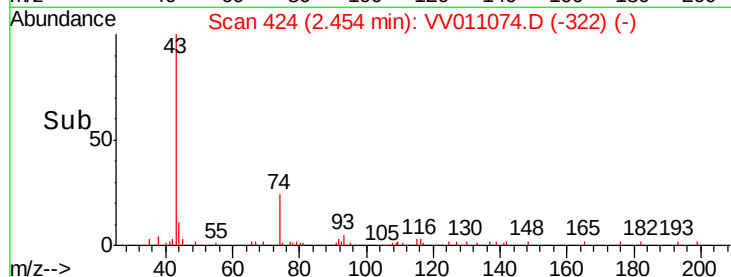
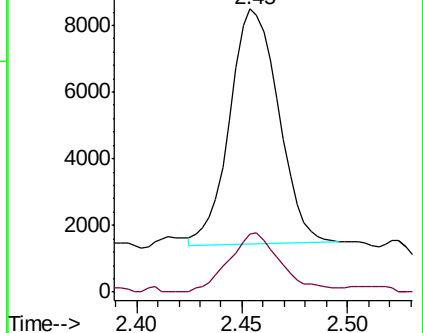
43 100

74 27.0 0.0 0.0#



Abundance Ion 43.00 (42.70 to 43.70): VV011063.D (-413) (-)

Ion 74.00 (73.70 to 74.70): VV011063.D (-413) (-)



#59

1,2,3-Trichloropropane

Concen: 3.918 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV011074.D

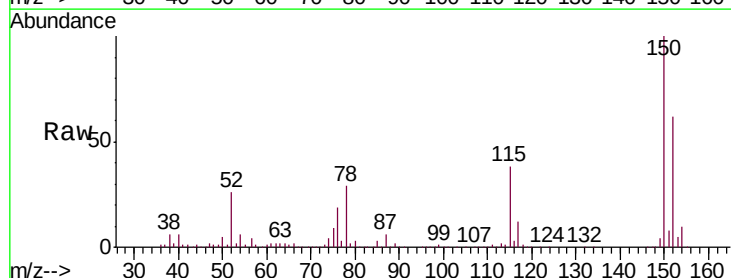
Acq: 28 May 2019 20:19

Tgt Ion: 75 Resp: 16697

Ion Ratio Lower Upper

75 100

77 37.9 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV011063.D (-2857) (-)

Ion 77.00 (76.70 to 77.70): VV011063.D (-2857) (-)

