

Data File : VV010919.D
Acq On : 16 May 2019 02:53
Operator : SY/MD
Sample : K2853-03
Misc : 6.41G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51B0

Quant Time: May 16 08:15:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	138965	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139095	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55124	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31400	17.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.96%
7) Chloroethane-d5	1.56	69	25170	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
10) 1,1-Dichloroethene-d2	2.11	63	43216	12.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.60%
20) 2-Butanone-d5	3.93	46	34845	62.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.12%
24) Chloroform-d	4.39	84	72558	18.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.32%
26) 1,2-Dichloroethane-d4	5.07	65	47765	20.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.76%
29) Benzene-d6	5.09	84	154376	20.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.20%
33) 1,2-Dichloropropane-d6	6.11	67	52014	21.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.72%
37) Toluene-d8	7.36	98	134537	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.76%
38) trans-1,3-Dichloropropene-	7.66	79	20375	19.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.08%
39) 2-Hexanone-d5	8.13	63	26868	57.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57936	25.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.72%
61) 1,2-Dichlorobenzene-d4	11.67	152	48790	21.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.76%

Target Compounds

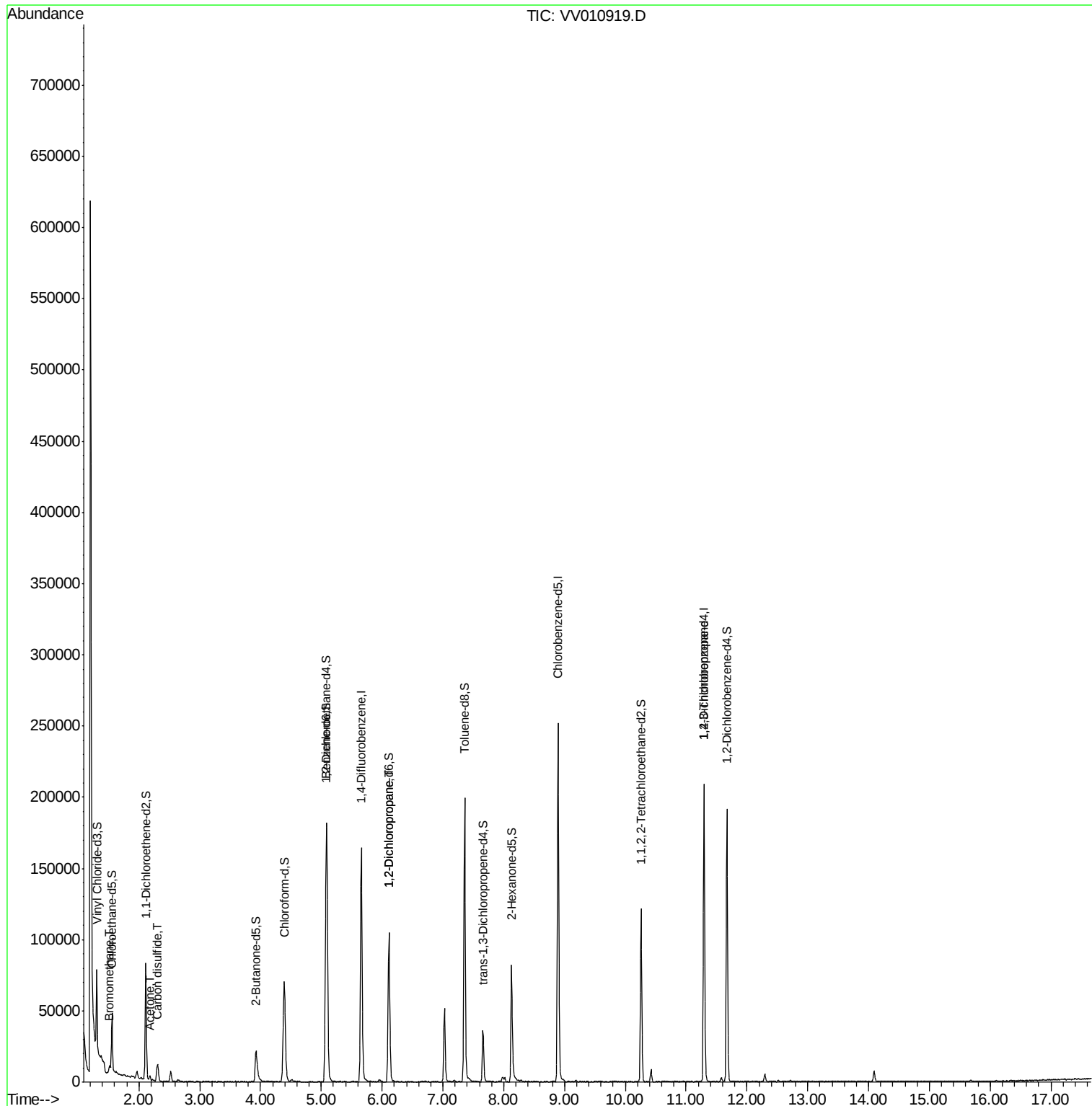
					Qvalue
6) Bromomethane	1.51	94	978	2.120 ug/L	95
13) Acetone	2.18	43	2638	4.650 ug/L	99
14) Carbon disulfide	2.31	76	16184	3.355 ug/L	99
40) 1,2-Dichloropropane	6.11	63	5570	2.523 ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	6732	3.956 ug/L	91

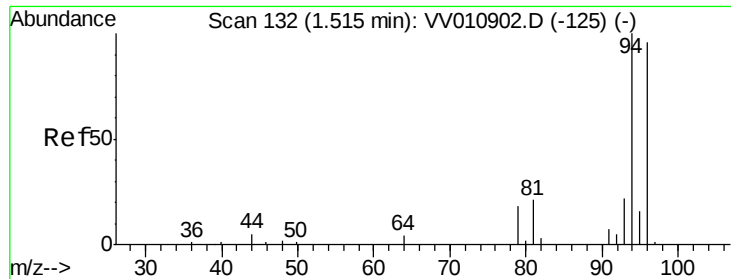
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 2.120 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

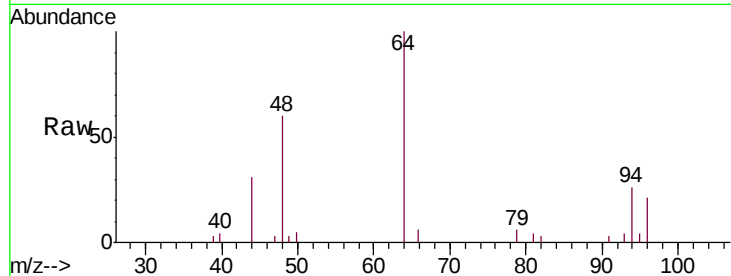
A51B0

Tgt Ion: 94 Resp: 978

Ion Ratio Lower Upper

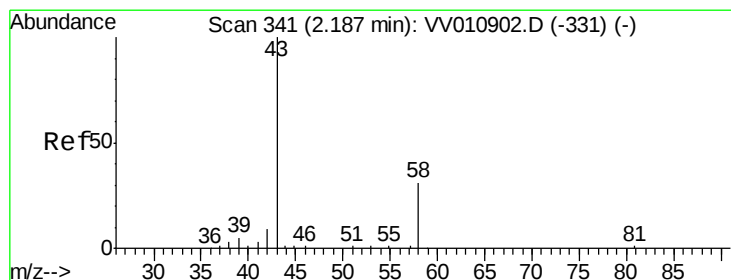
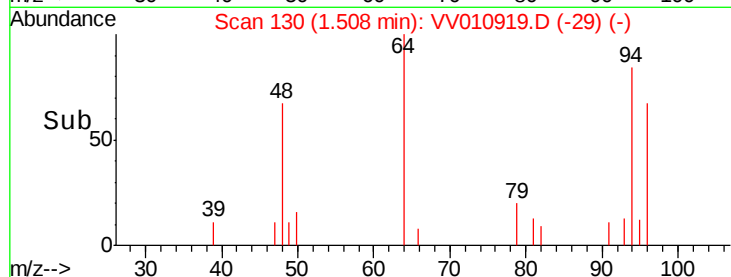
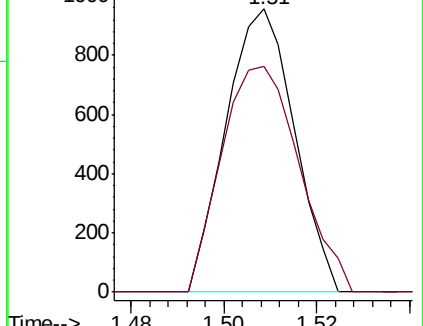
94 100

96 90.8 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



#13

Acetone

Concen: 4.650 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

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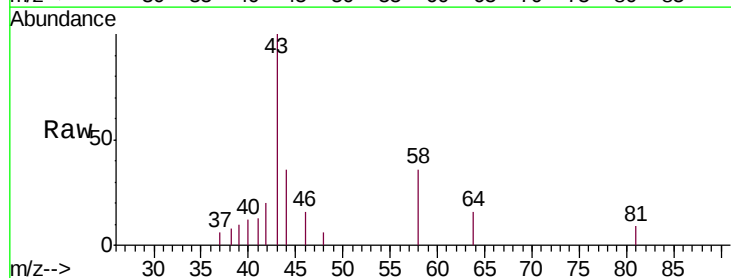
Acq: 16 May 2019 02:53

Tgt Ion: 43 Resp: 2638

Ion Ratio Lower Upper

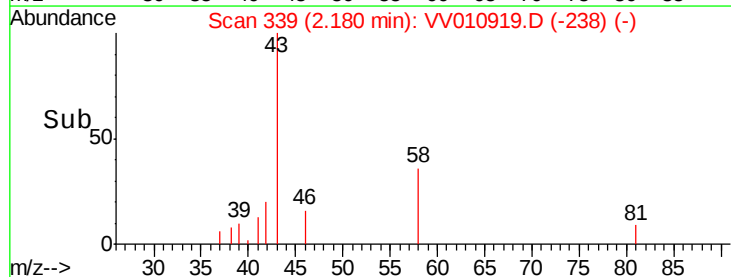
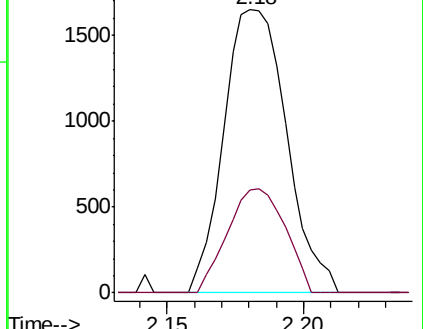
43 100

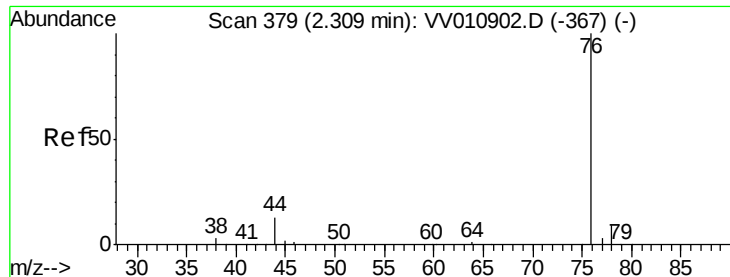
58 33.7 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

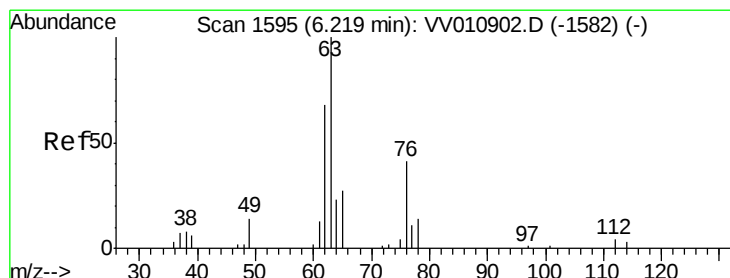
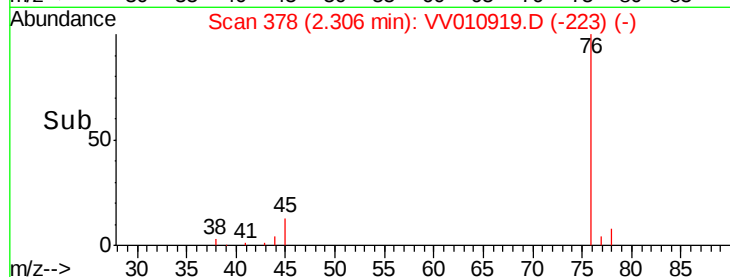
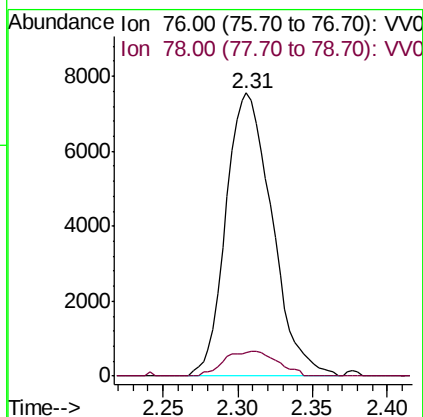
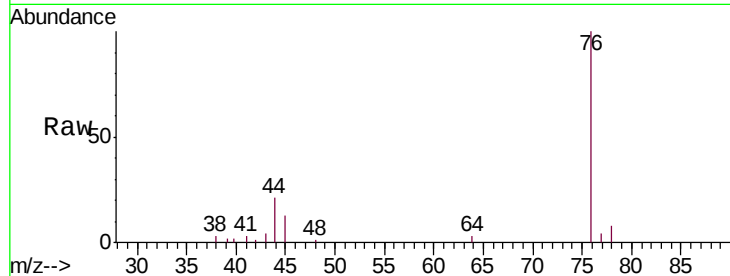




#14
Carbon disulfide
Concen: 3.355 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
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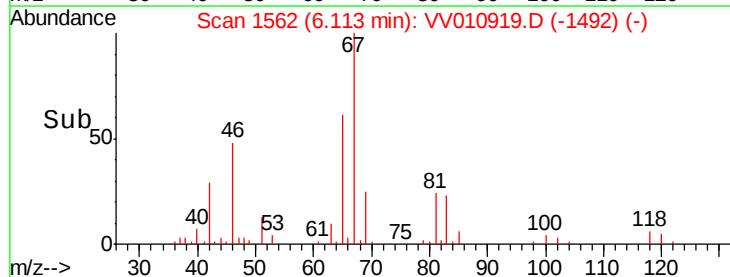
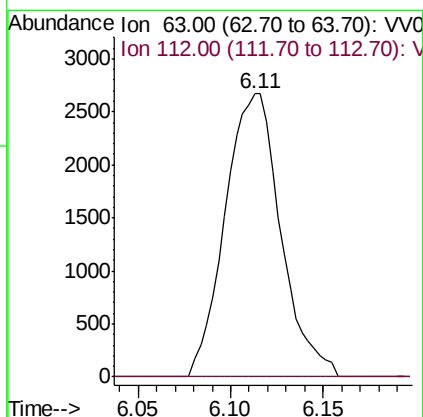
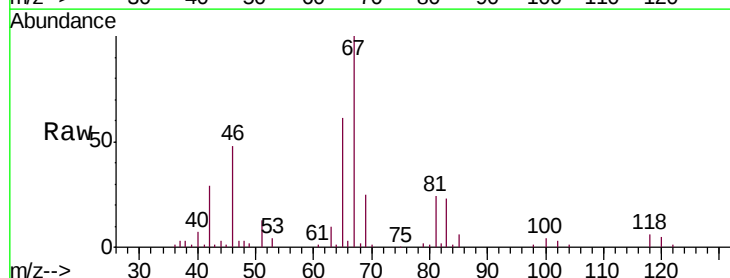
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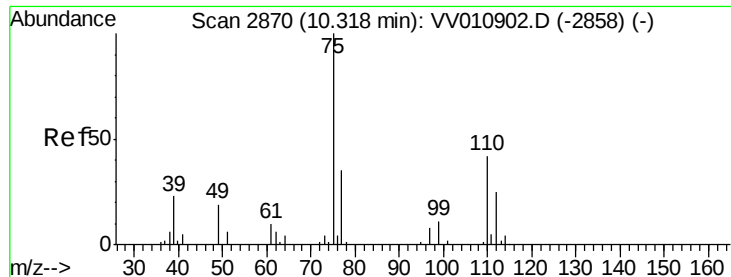
Tgt Ion: 76 Resp: 16184
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#40
1,2-Dichloropropane
Concen: 2.523 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010919.D
Acq: 16 May 2019 02:53

Tgt Ion: 63 Resp: 5570
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#59

1,2,3-Trichloropropane

Concen: 3.956 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010919.D

Acq: 16 May 2019 02:53

Instrument :

MSVOA_V

ClientSampleId :

A51B0

Tgt Ion: 75 Resp: 6732

Ion Ratio Lower Upper

75 100

77 37.9 26.4 39.6

