

Data File : VV011086.D
Acq On : 29 May 2019 03:35
Operator : SY/MD
Sample : K3016-15
Misc : 5.46G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D2

Quant Time: May 29 04:10:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 04:06:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	352782	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	309775	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	106966	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107086	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
7) Chloroethane-d5	1.56	69	84724	24.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.16%
10) 1,1-Dichloroethene-d2	2.12	63	167270	18.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.36%
20) 2-Butanone-d5	3.94	46	118728	71.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.44%#
24) Chloroform-d	4.61	84	122	0.01	ug/L	0.22
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	5.08	65	151654	27.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.92%
29) Benzene-d6	5.09	84	482584	26.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.44%
33) 1,2-Dichloropropane-d6	6.11	67	159343	27.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.44%
37) Toluene-d8	7.36	98	418665	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.16%
38) trans-1,3-Dichloropropene-	7.66	79	67585	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.56%
39) 2-Hexanone-d5	8.13	63	95121	75.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.32%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	148546	29.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	101361	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds

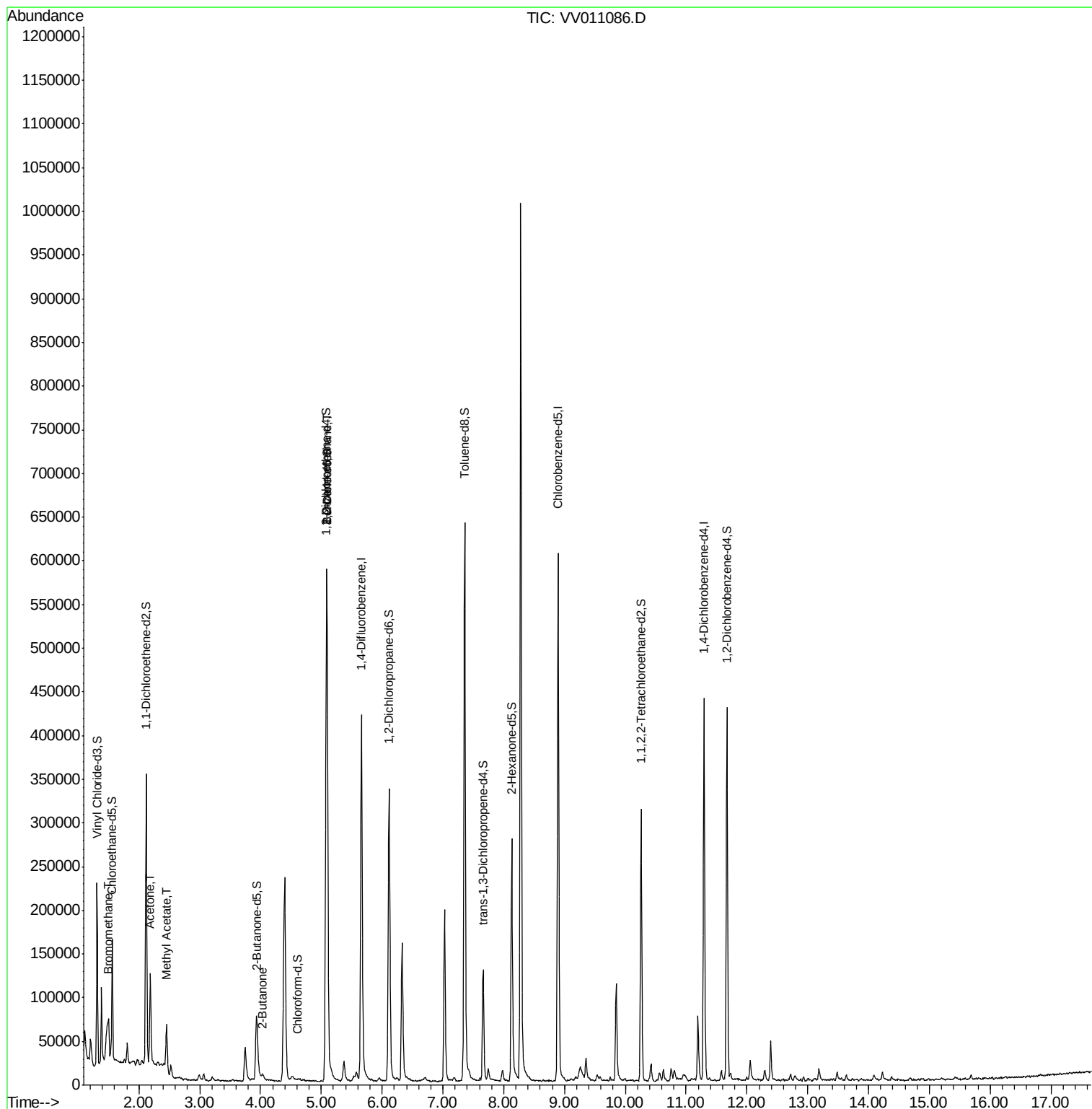
					Qvalue
6) Bromomethane	1.51	94	1759	0.779 ug/L	62
13) Acetone	2.19	43	97903	51.842 ug/L	99
15) Methyl Acetate	2.46	43	50914	18.678 ug/L #	100
21) 2-Butanone	4.04	43	9756	4.195 ug/L	96
27) 1,2-Dichloroethane	5.09	62	3425	0.529 ug/L	96

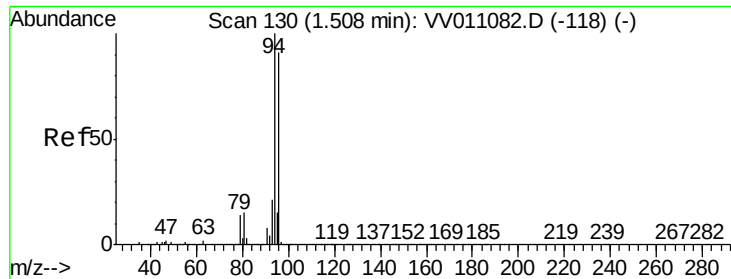
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.779 ug/L

RT: 1.51 min Scan# 131

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

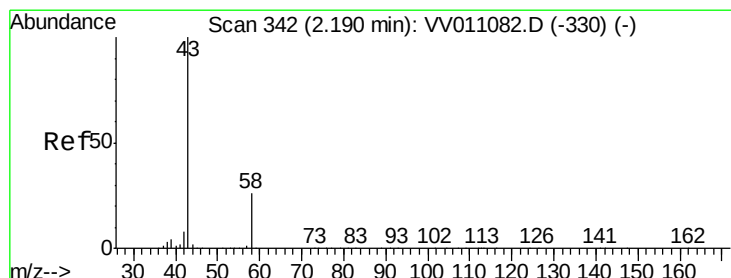
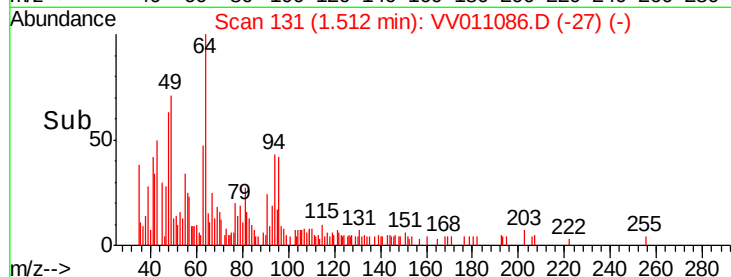
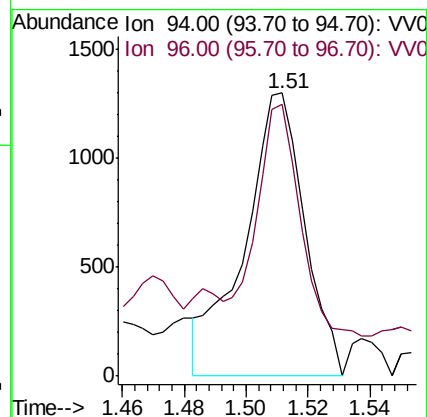
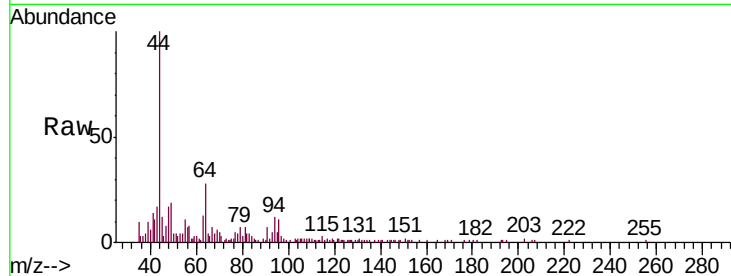
A51D2

Tgt Ion: 94 Resp: 1759

Ion Ratio Lower Upper

94 100

96 57.6 9.5 179.7



#13

Acetone

Concen: 51.842 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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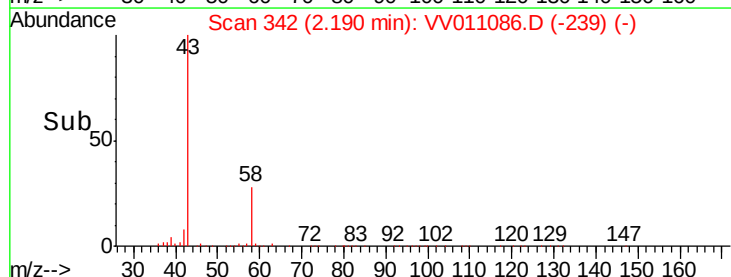
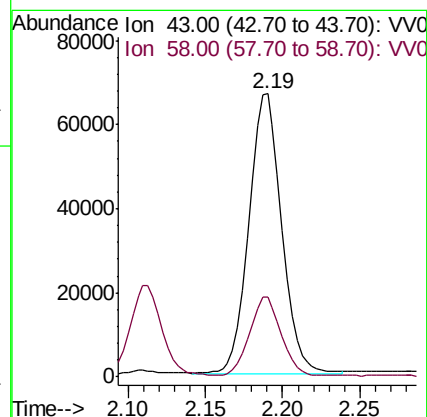
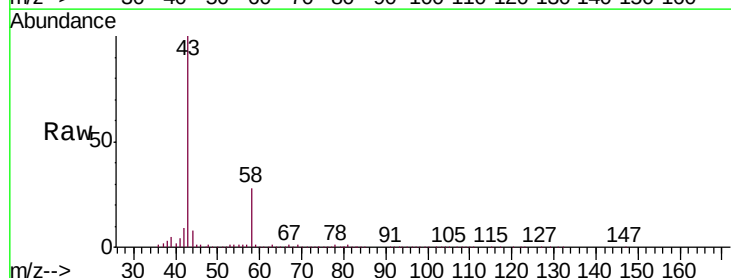
Acq: 29 May 2019 03:35

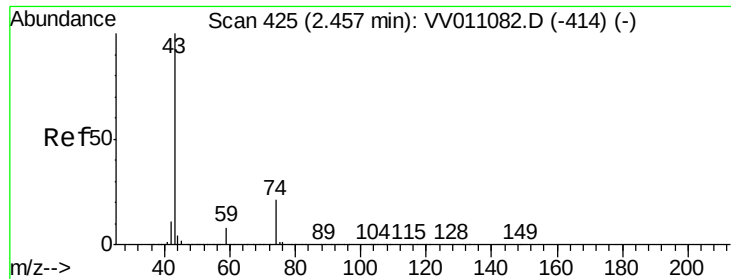
Tgt Ion: 43 Resp: 97903

Ion Ratio Lower Upper

43 100

58 26.6 0.0 54.8

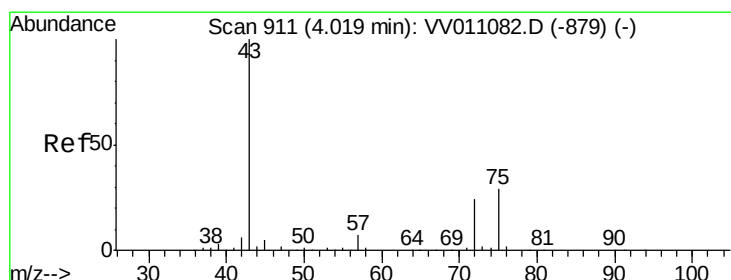
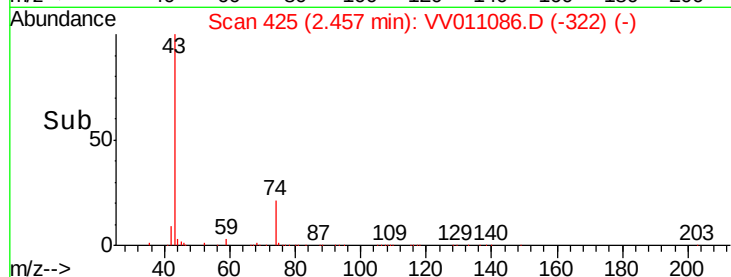
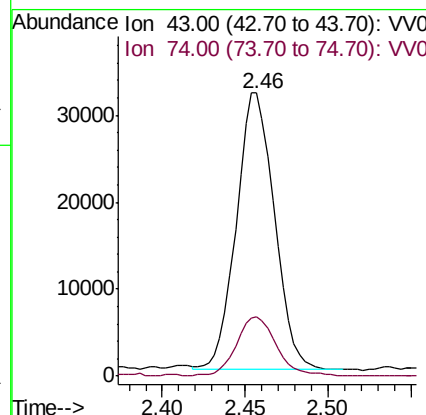
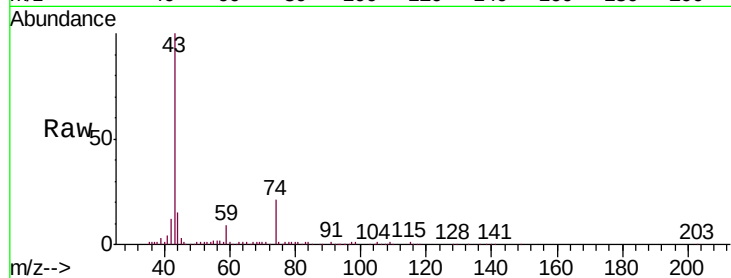




#15
Methyl Acetate
Concen: 18.678 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.00 min
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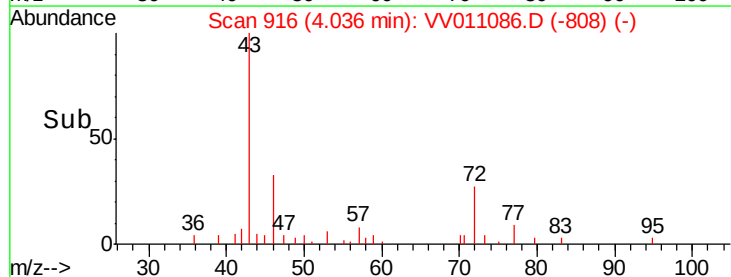
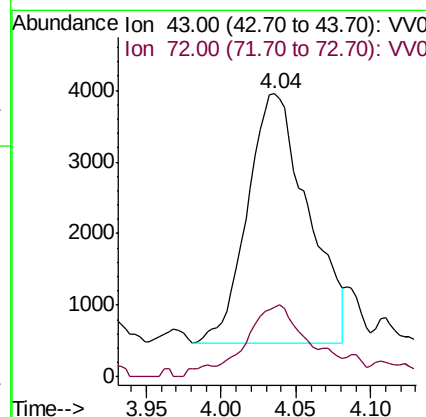
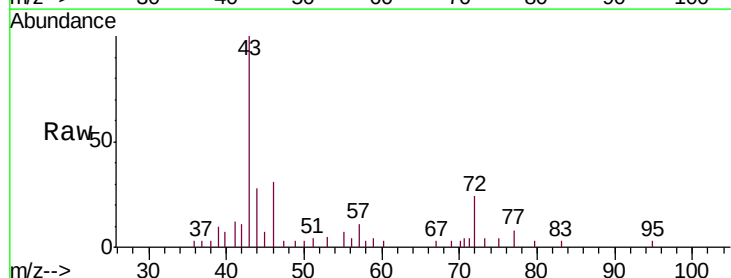
Instrument :
MSVOA_V
ClientSampled :
A51D2

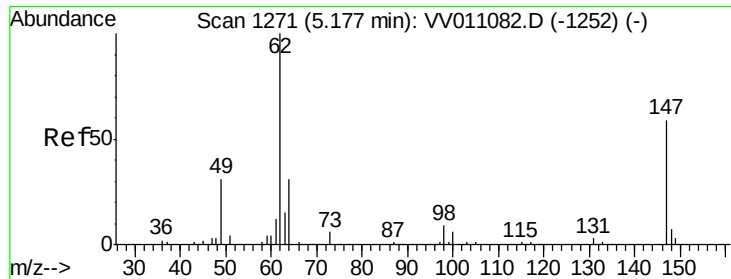
Tgt Ion: 43 Resp: 50914
Ion Ratio Lower Upper
43 100
74 22.7 0.0 0.0#



#21
2-Butanone
Concen: 4.195 ug/L
RT: 4.04 min Scan# 916
Delta R.T. 0.02 min
Lab File: VV011086.D
Acq: 29 May 2019 03:35

Tgt Ion: 43 Resp: 9756
Ion Ratio Lower Upper
43 100
72 19.4 10.7 31.9





#27
 1,2-Dichloroethane
 Concen: 0.529 ug/L
 RT: 5.09 min Scan# 1245
 Delta R.T. -0.08 min
 Lab File: VV011086.D
 Acq: 29 May 2019 03:35

Instrument :
 MSVOA_V
 ClientSampleId :
 A51D2

Tgt Ion: 62 Resp: 3425
 Ion Ratio Lower Upper
 62 100
 98 7.6 7.4 11.0

