

Data File : VV011084.D
 Acq On : 29 May 2019 02:39
 Operator : SY/MD
 Sample : K3016-13
 Misc : 3.82G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51D0RE

Quant Time: May 29 04:09:43 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	429547	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	353729	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	105210	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	157094	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.72%
7) Chloroethane-d5	1.55	69	117823	28.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.12%
10) 1,1-Dichloroethene-d2	2.11	63	247681	22.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.44%
20) 2-Butanone-d5	3.93	46	167122	82.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.66%#
24) Chloroform-d	4.39	84	325264	31.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	124.88%
26) 1,2-Dichloroethane-d4	5.07	65	208615	31.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.28%
29) Benzene-d6	5.09	84	673335	32.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.04%
33) 1,2-Dichloropropane-d6	6.11	67	222452	33.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.04%#
37) Toluene-d8	7.35	98	576422	30.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.76%
38) trans-1,3-Dichloropropene-	7.66	79	92622	30.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.68%
39) 2-Hexanone-d5	8.13	63	116651	81.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.52%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	171795	30.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.28%#
61) 1,2-Dichlorobenzene-d4	11.67	152	109754	26.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.52%

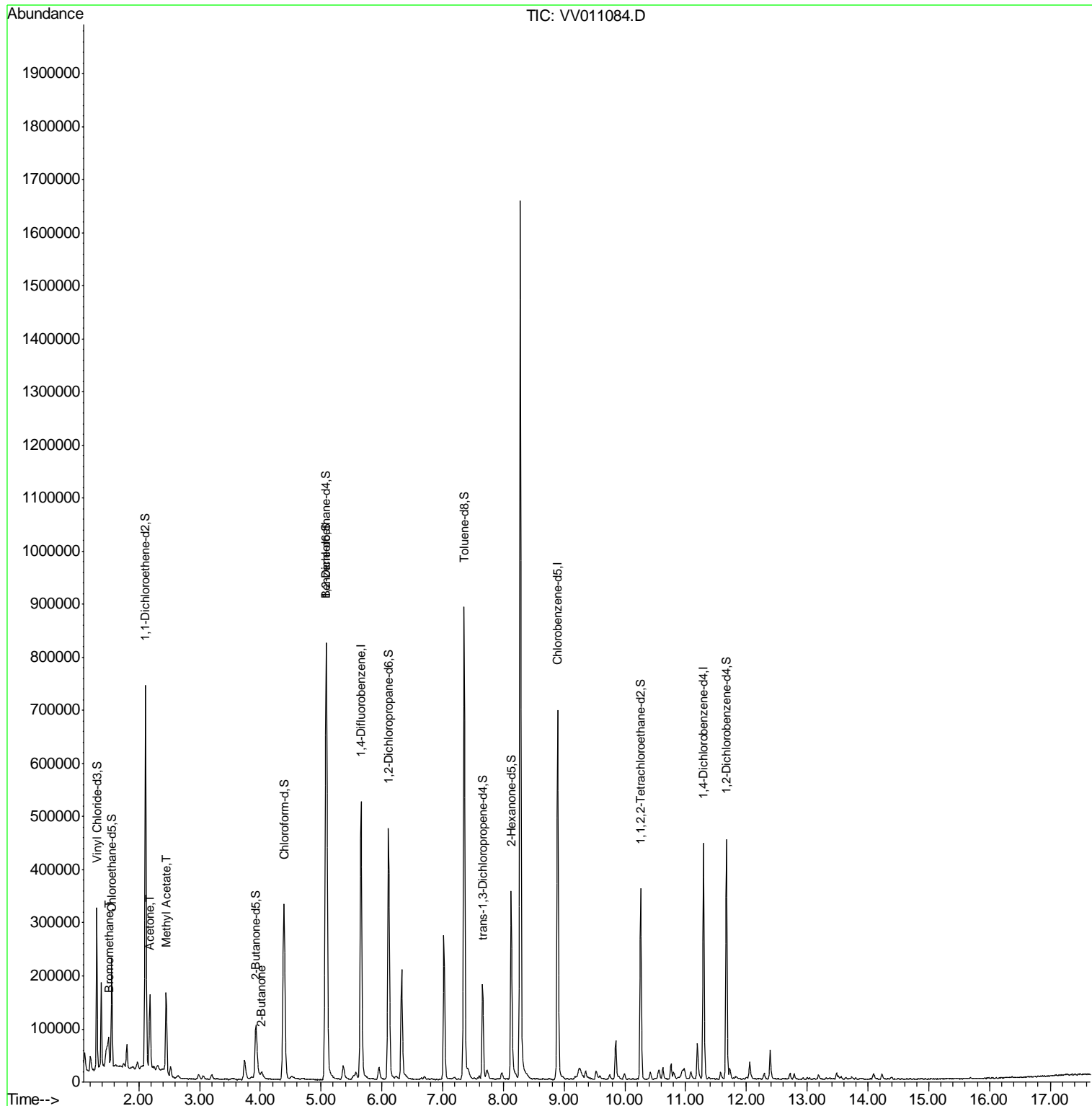
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Bromomethane	1.51	94	3491	1.270	ug/L	90
13) Acetone	2.18	43	133908	58.235	ug/L	100
15) Methyl Acetate	2.45	43	166555	50.183	ug/L #	100
21) 2-Butanone	4.02	43	20388	7.200	ug/L	92

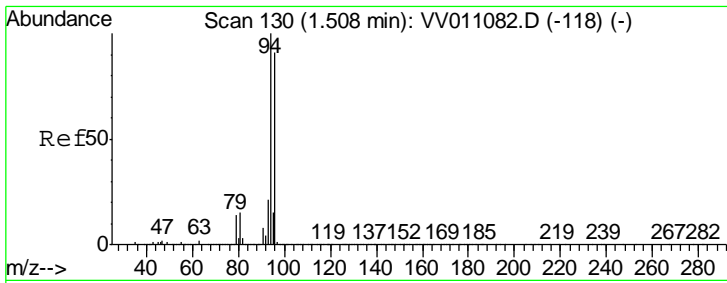
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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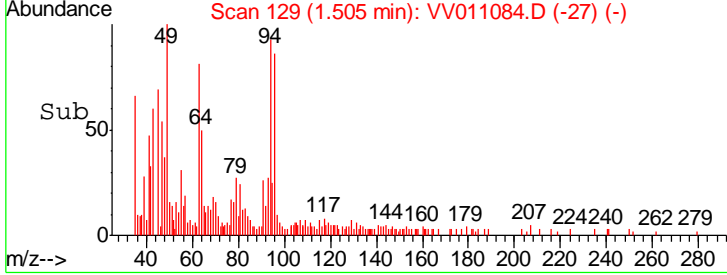
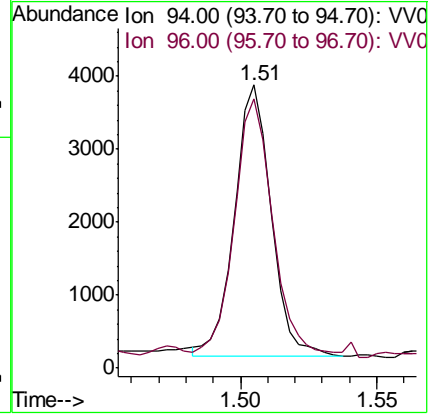
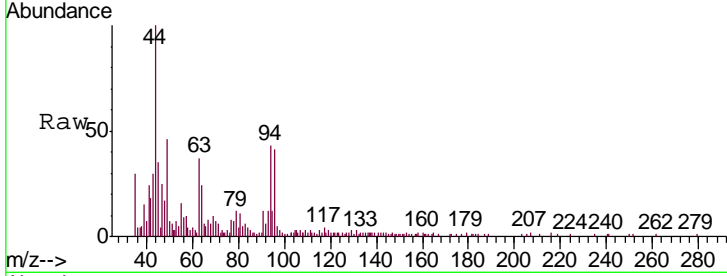




#6
 Bromomethane
 Concen: 1.270 ug/L
 RT: 1.51 min Scan# 129
 Delta R.T. -0.00 min
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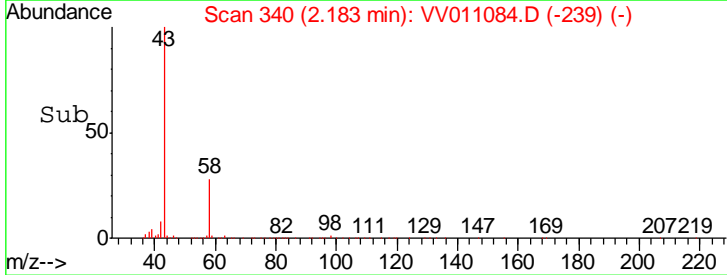
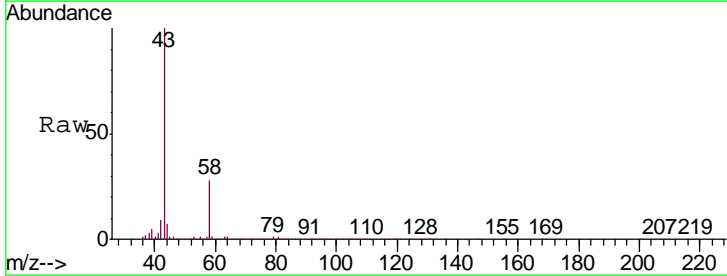
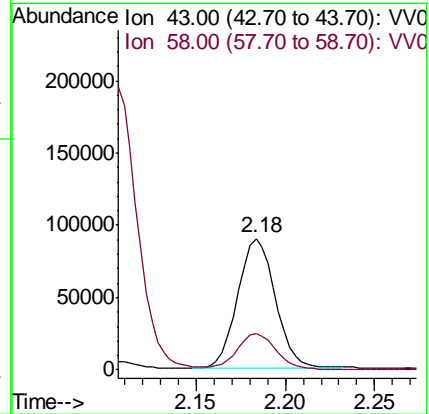
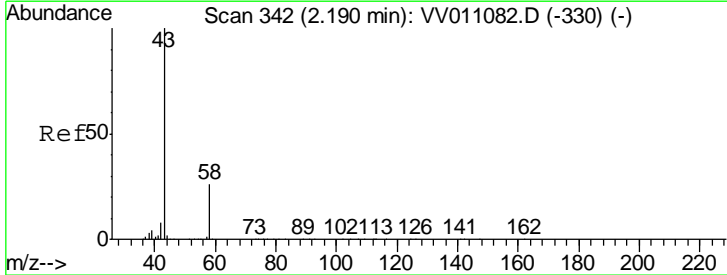
Instrument :
 MSVOA_V
 ClientSampled :
 A51D0RE

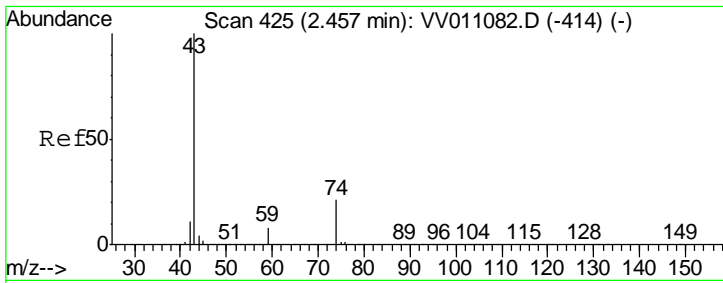
Tgt Ion: 94 Resp: 3491
 Ion Ratio Lower Upper
 94 100
 96 103.8 9.5 179.7



#13
 Acetone
 Concen: 58.235 ug/L
 RT: 2.18 min Scan# 340
 Delta R.T. -0.01 min
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Tgt Ion: 43 Resp: 133908
 Ion Ratio Lower Upper
 43 100
 58 27.3 0.0 54.8

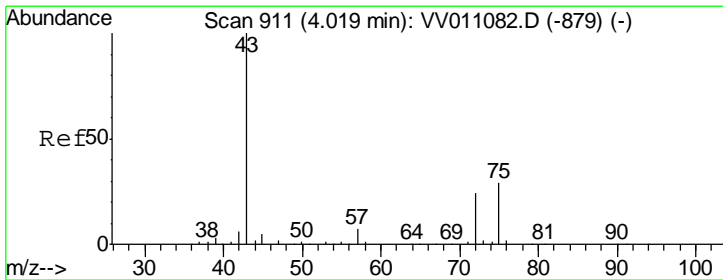
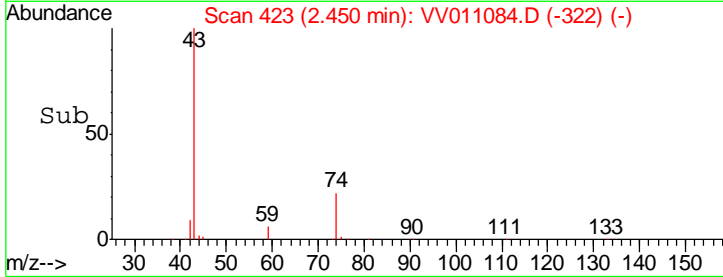
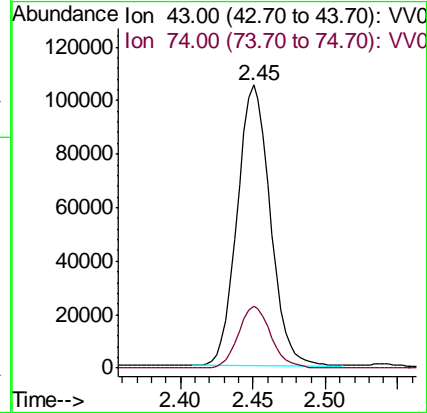
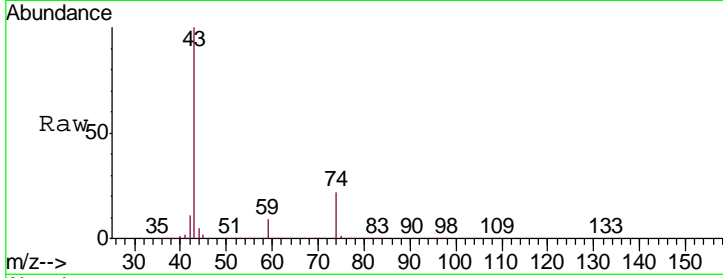




#15
 Methyl Acetate
 Concen: 50.183 ug/L
 RT: 2.45 min Scan# 423
 Delta R.T. -0.01 min
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Instrument :
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 ClientSampled :
 A51D0RE

Tgt Ion: 43 Resp: 166555
 Ion Ratio Lower Upper
 43 100
 74 21.4 0.0 0.0#



#21
 2-Butanone
 Concen: 7.200 ug/L
 RT: 4.02 min Scan# 912
 Delta R.T. 0.00 min
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Tgt Ion: 43 Resp: 20388
 Ion Ratio Lower Upper
 43 100
 72 25.2 10.7 31.9

