

Data File : VV010279.D
 Acq On : 12 Apr 2019 11:05
 Operator : SY/MD
 Sample : VV0412SBL01
 Misc : 5.00G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK68

Quant Time: Apr 13 04:50:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 04:47:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	273781	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	257839	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	122042	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66374	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.24%
7) Chloroethane-d5	1.55	69	45015	16.62	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.48%
10) 1,1-Dichloroethene-d2	2.12	63	139844	17.43	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.72%
20) 2-Butanone-d5	3.93	46	40558	50.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.70%
24) Chloroform-d	4.39	84	129224	20.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.68%
26) 1,2-Dichloroethane-d4	5.08	65	84338	23.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.72%
29) Benzene-d6	5.09	84	308512	24.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.24%
33) 1,2-Dichloropropane-d6	6.11	67	87408	23.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.56%
37) Toluene-d8	7.36	98	293983	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.00%
38) trans-1,3-Dichloropropene-	7.66	79	35340	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.68%
39) 2-Hexanone-d5	8.13	63	31484	49.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	80416	24.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	112554	24.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.88%

Target Compounds

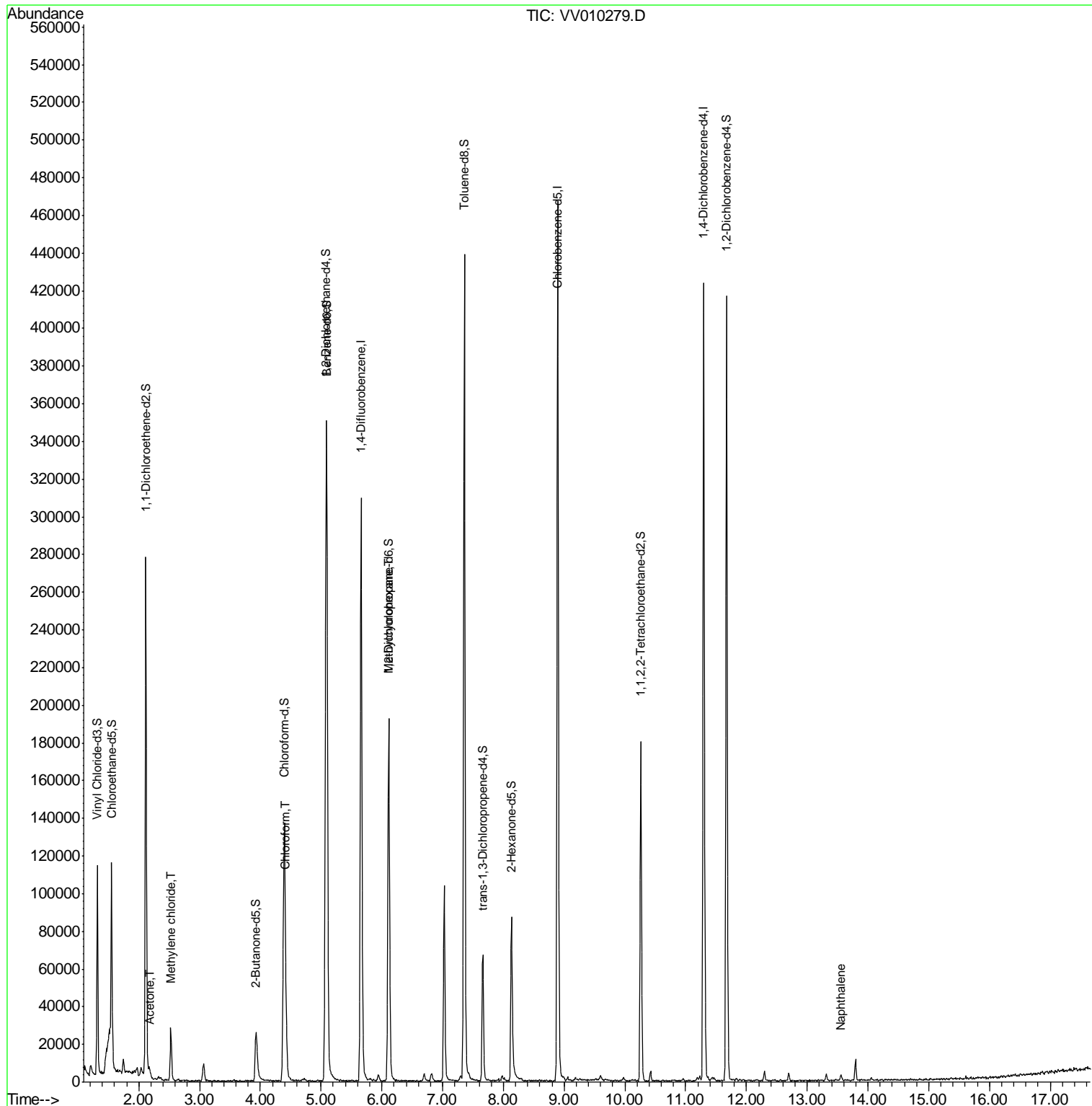
						Qvalue
13) Acetone	2.19	43	2370	2.781	ug/L	98
16) Methylene chloride	2.53	84	11269	2.102	ug/L	93
25) Chloroform	4.42	83	22328	3.329	ug/L #	56
36) Methylcyclohexane	6.12	83	21632	3.833	ug/L #	21
69) Naphthalene	13.55	128	2746	0.526	ug/L #	89

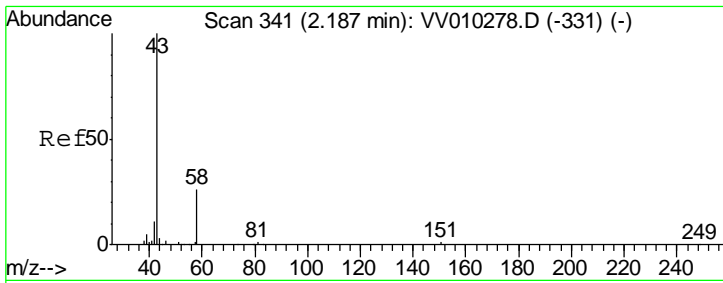
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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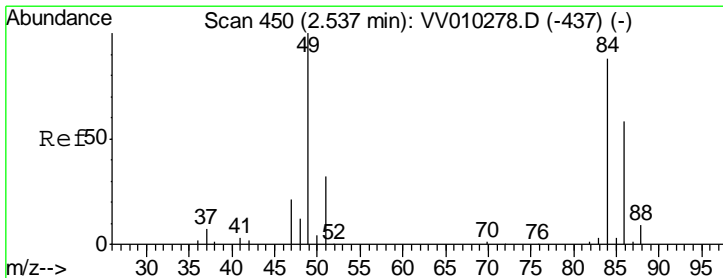
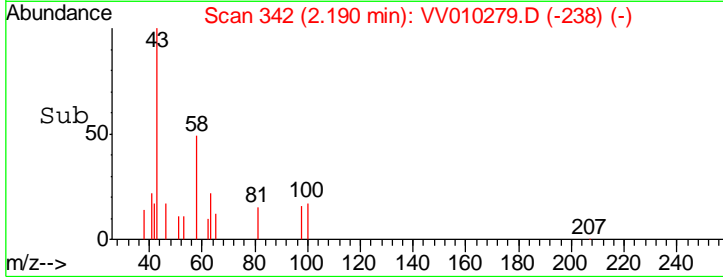
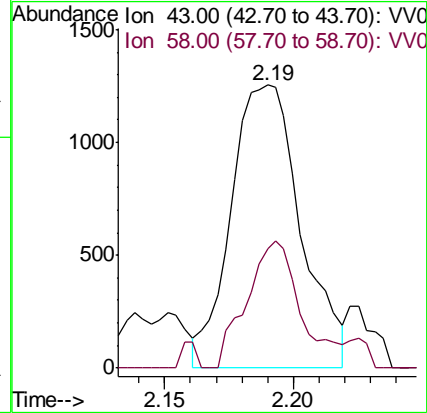
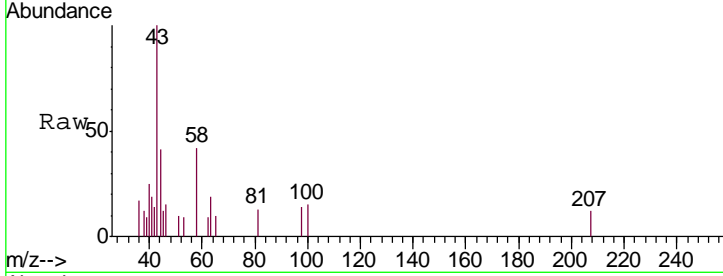




#13
 Acetone
 Concen: 2.781 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VV010279.D
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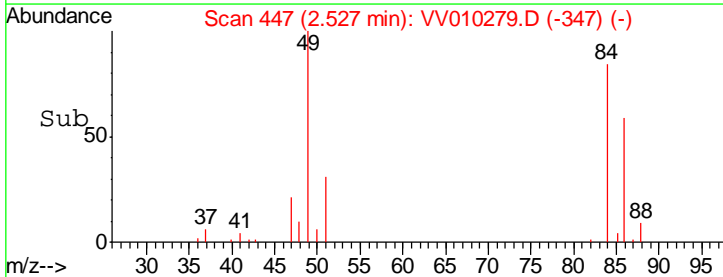
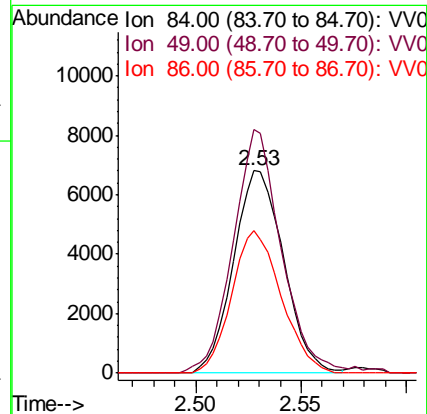
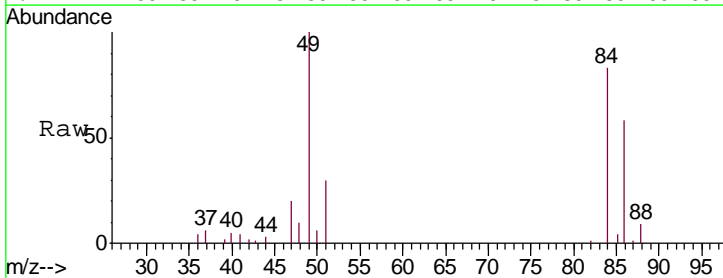
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK68

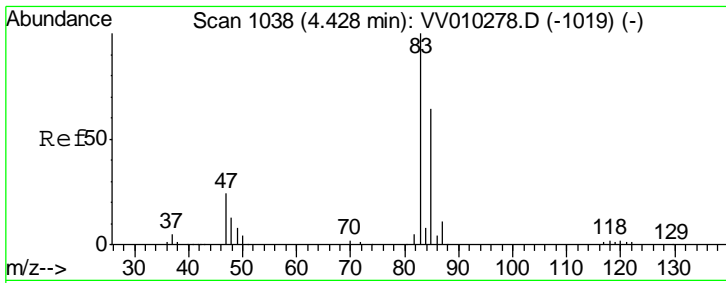
Tgt Ion	Resp	Lower	Upper
43	100		
58	32.1	0.0	61.6



#16
 Methylene chloride
 Concen: 2.102 ug/L
 RT: 2.53 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: VV010279.D
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Tgt Ion	Resp	Lower	Upper
84	100		
49	120.3	79.9	148.5
86	70.1	44.5	82.7

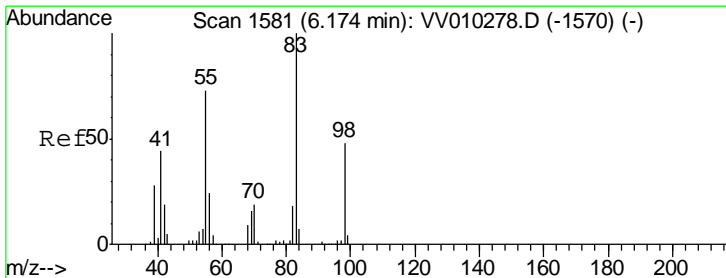
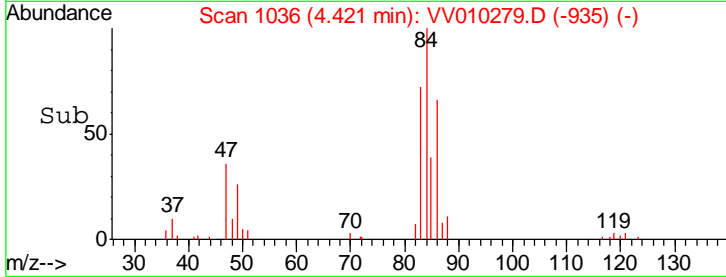
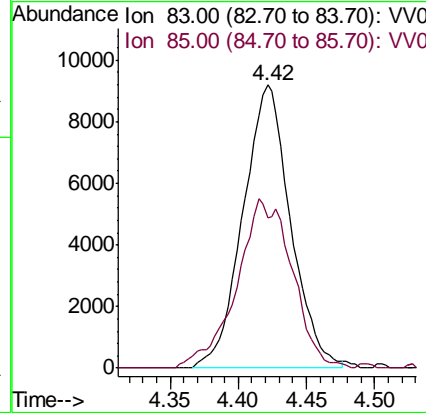
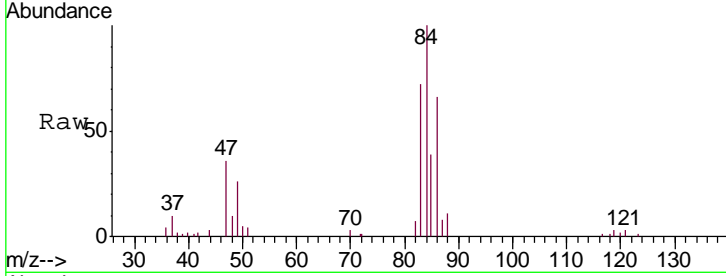




#25
 Chloroform
 Concen: 3.329 ug/L
 RT: 4.42 min Scan# 1036
 Delta R.T. -0.01 min
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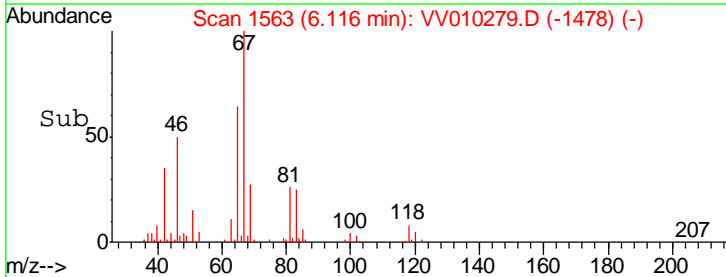
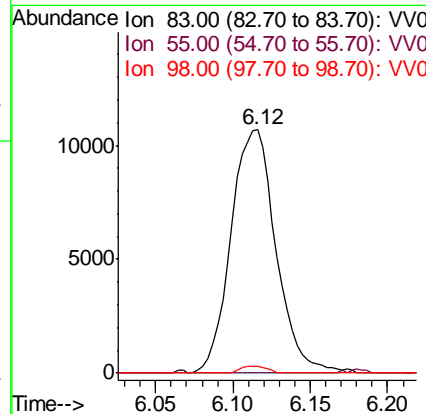
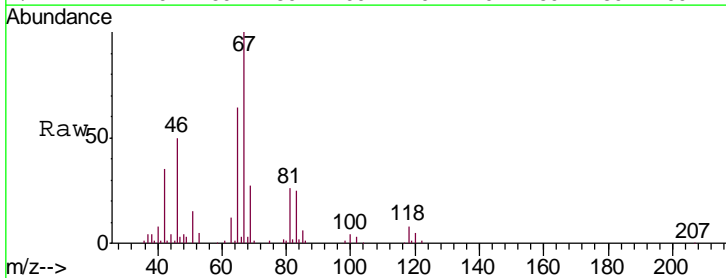
Instrument :
 MSVOA_V
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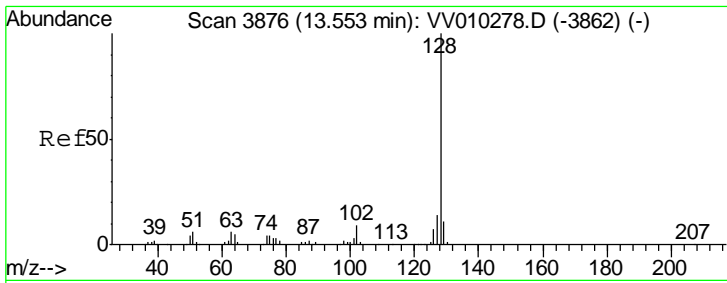
Tgt Ion: 83 Resp: 22328
 Ion Ratio Lower Upper
 83 100
 85 30.1 45.4 84.2#



#36
 Methylcyclohexane
 Concen: 3.833 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
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Tgt Ion: 83 Resp: 21632
 Ion Ratio Lower Upper
 83 100
 55 0.1 55.7 83.5#
 98 1.7 39.4 59.2#





#69
 Naphthalene
 Concen: 0.526 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. -0.00 min
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Instrument : MSVOA_V
 ClientSampled : VBLK68

Tgt Ion:128 Resp: 2746

Ion	Ratio	Lower	Upper
128	100		
129	9.7	9.0	13.4
127	6.6	10.6	15.8#

