

Data File : VV010834.D
 Acq On : 11 May 2019 01:47
 Operator : SY/MD
 Sample : K2692-20
 Misc : 6.24G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5183

Quant Time: May 11 05:08:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 11 00:23:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	84807	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	83484	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32256	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	23431	17.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.12%
7) Chloroethane-d5	1.57	69	23690	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.40%
10) 1,1-Dichloroethene-d2	2.12	63	38402	13.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.76%
20) 2-Butanone-d5	3.92	46	22477	56.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.70%
24) Chloroform-d	4.39	84	57979	25.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.32%
26) 1,2-Dichloroethane-d4	5.07	65	38881	26.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.72%
29) Benzene-d6	5.09	84	105110	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	6.11	67	36259	25.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.60%
37) Toluene-d8	7.36	98	86932	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.64%
38) trans-1,3-Dichloropropene-	7.66	79	14392	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.20%
39) 2-Hexanone-d5	8.13	63	15564	53.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36689	27.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	32074	25.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.68%

Target Compounds

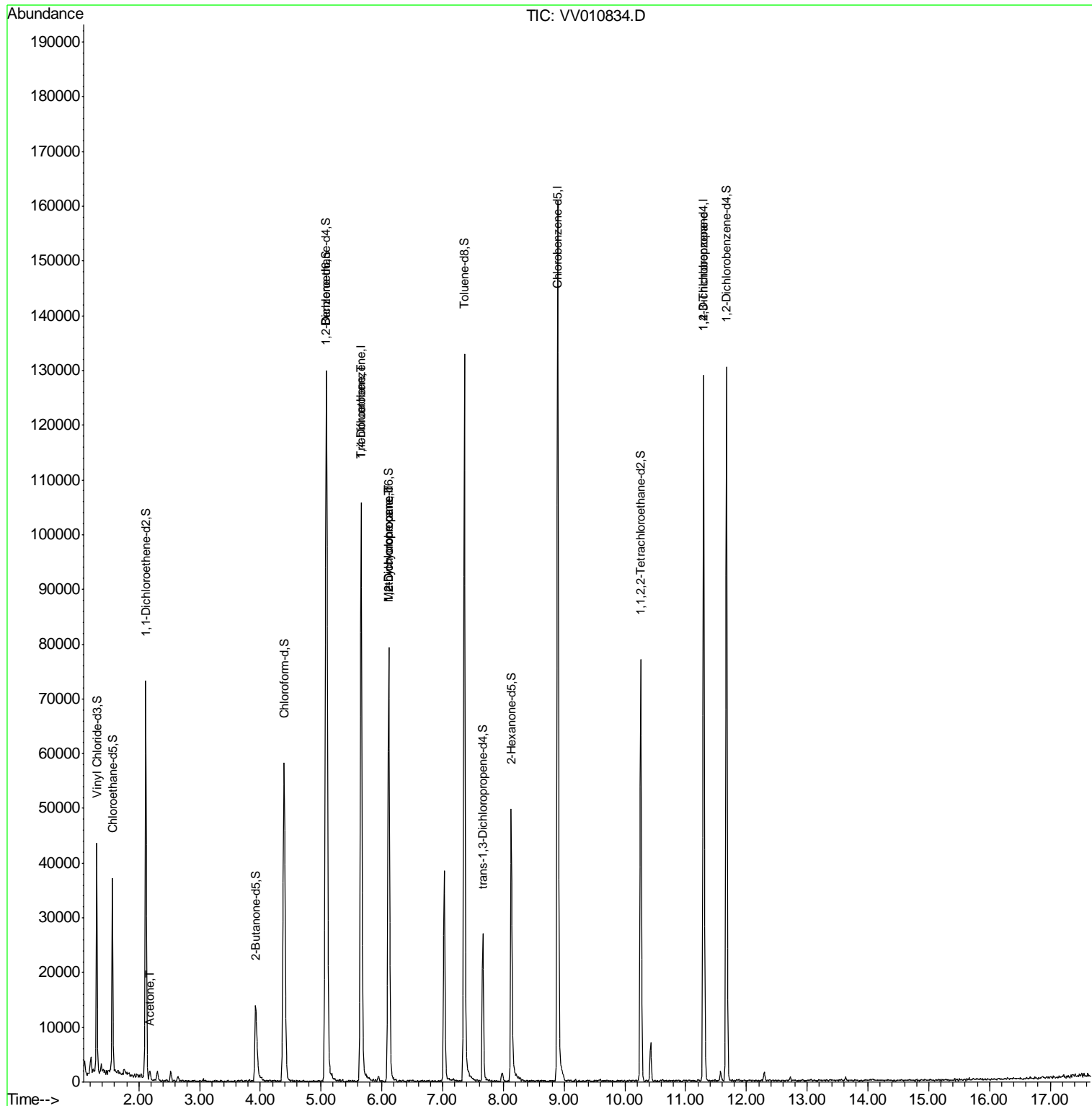
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.19	43	1622	2.650	ug/L	94
35) Trichloroethene	5.66	95	2420	1.763	ug/L #	7
36) Methylcyclohexane	6.12	83	9018	4.099	ug/L #	17
40) 1,2-Dichloropropane	6.11	63	4613	3.538	ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	4337	3.960	ug/L #	83

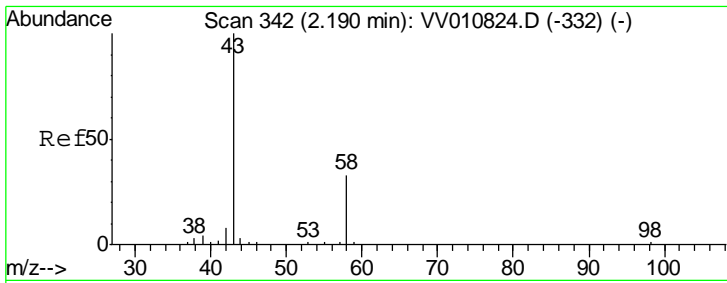
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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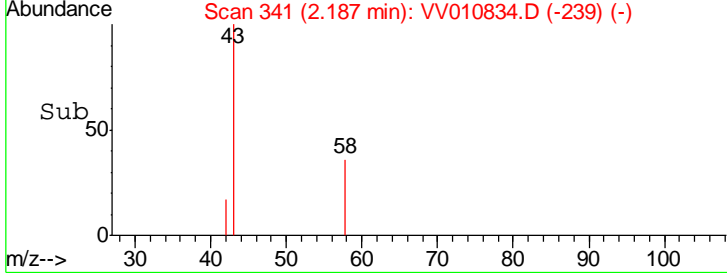
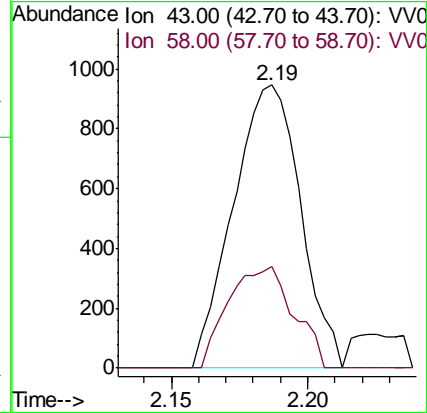
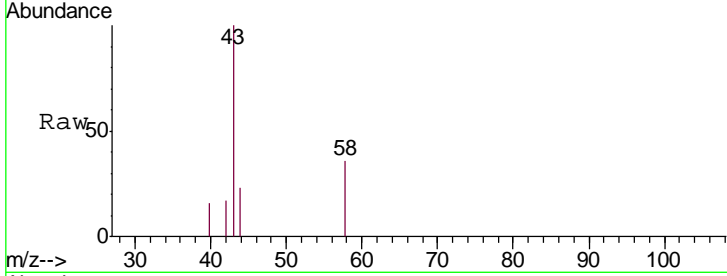


#13
 Acetone
 Concen: 2.650 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.00 min
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Tgt Ion: 43 Resp: 1622

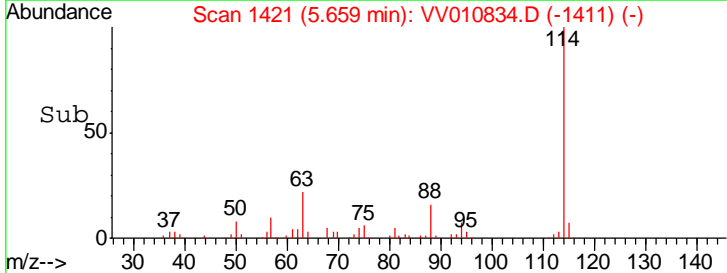
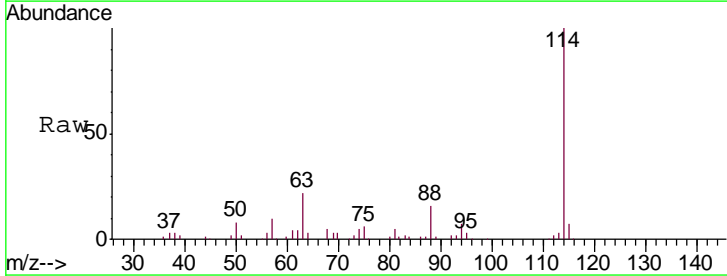
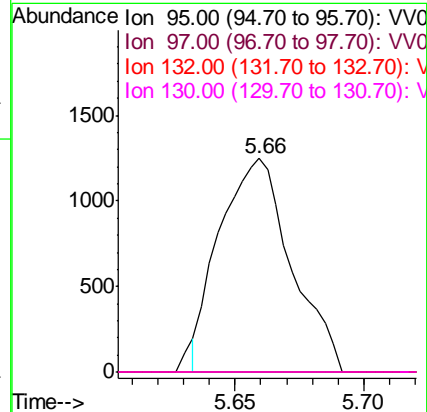
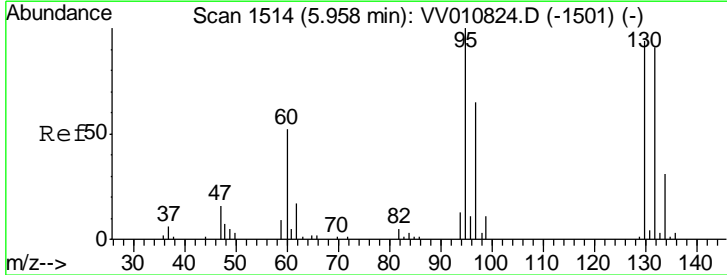
Ion	Ratio	Lower	Upper
43	100		
58	34.8	0.0	63.4

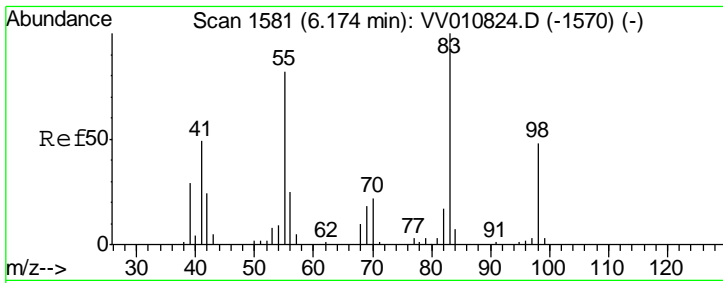


#35
 Trichloroethene
 Concen: 1.763 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV010834.D
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Tgt Ion: 95 Resp: 2420

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.3	82.3#
132	0.0	62.4	115.8#
130	0.0	68.5	127.3#

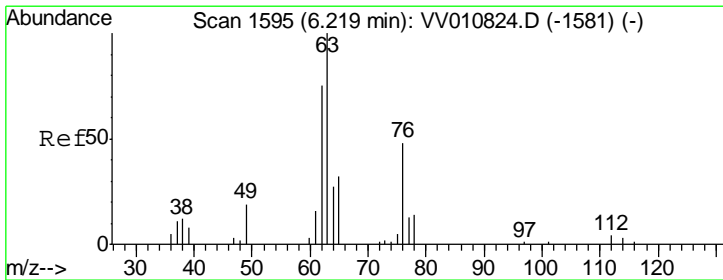
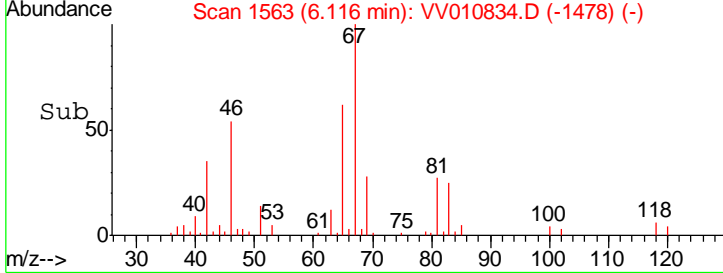
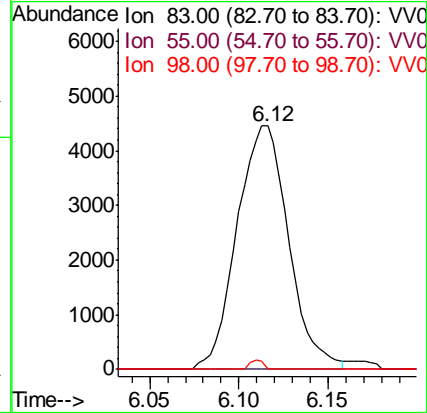
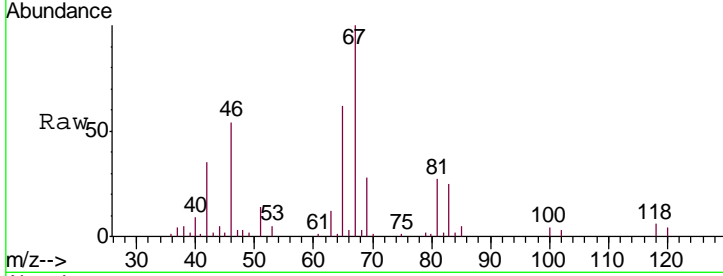




#36
 Methylcyclohexane
 Concen: 4.099 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
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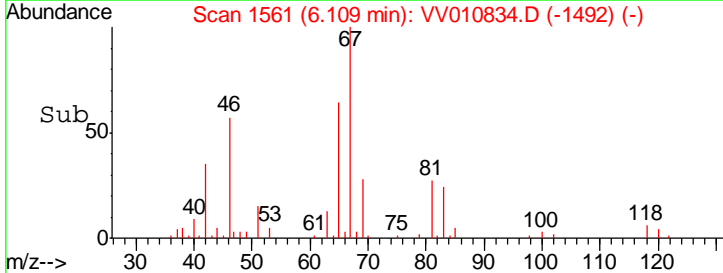
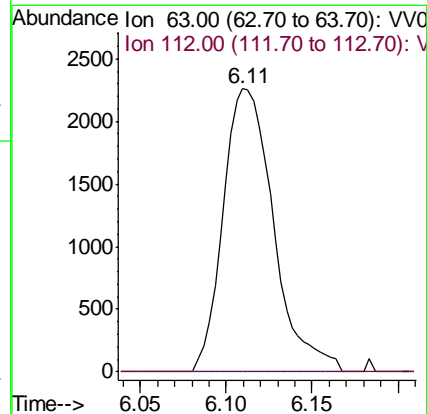
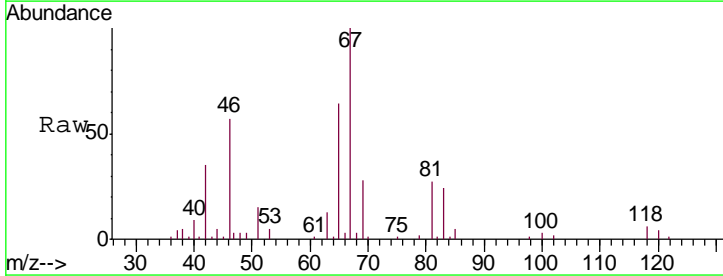
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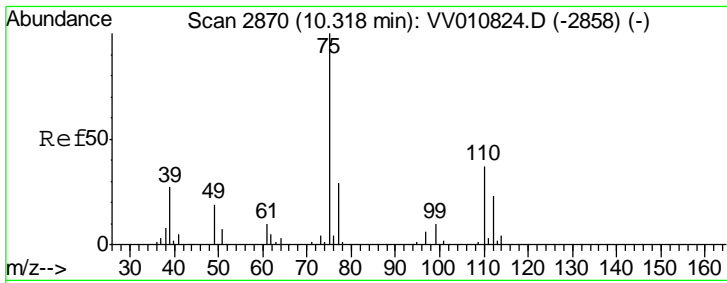
Tgt Ion	Resp	Lower	Upper
83	9018		
55	0.0	64.6	96.8#
98	0.9	37.7	56.5#



#40
 1,2-Dichloropropane
 Concen: 3.538 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.11 min
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Tgt Ion	Resp	Lower	Upper
63	4613		
112	0.0	3.4	5.2#





#59
 1,2,3-Trichloropropane
 Concen: 3.960 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010834.D
 Acq: 11 May 2019 01:47

Instrument :
 MSVOA_V
 ClientSampled :
 A5183

Tgt Ion: 75 Resp: 4337
 Ion Ratio Lower Upper
 75 100
 77 40.6 25.0 37.6#

