

Data File : VV008865.D
 Acq On : 06 Dec 2018 19:43
 Operator : SY/MD
 Sample : VV1206SBL01
 Misc : 5.00g/10.0 mL/MSVOA_V/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK61

Quant Time: Dec 07 01:40:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 01:37:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	197138	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175756	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72605	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50298	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.64%
7) Chloroethane-d5	1.58	69	38006	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.88%
10) 1,1-Dichloroethene-d2	2.13	63	105928	20.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.08%
20) 2-Butanone-d5	3.94	46	43007	57.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.80%
24) Chloroform-d	4.40	84	108719	22.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.76%
26) 1,2-Dichloroethane-d4	5.08	65	65008	25.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.56%
29) Benzene-d6	5.10	84	229775	23.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.64%
33) 1,2-Dichloropropane-d6	6.12	67	65943	24.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.00%
37) Toluene-d8	7.36	98	207581	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.40%
38) trans-1,3-Dichloropropene-	7.67	79	27454	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.96%
39) 2-Hexanone-d5	8.14	63	25836	51.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55095	23.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.60%
61) 1,2-Dichlorobenzene-d4	11.68	152	66328	24.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.36%

Target Compounds

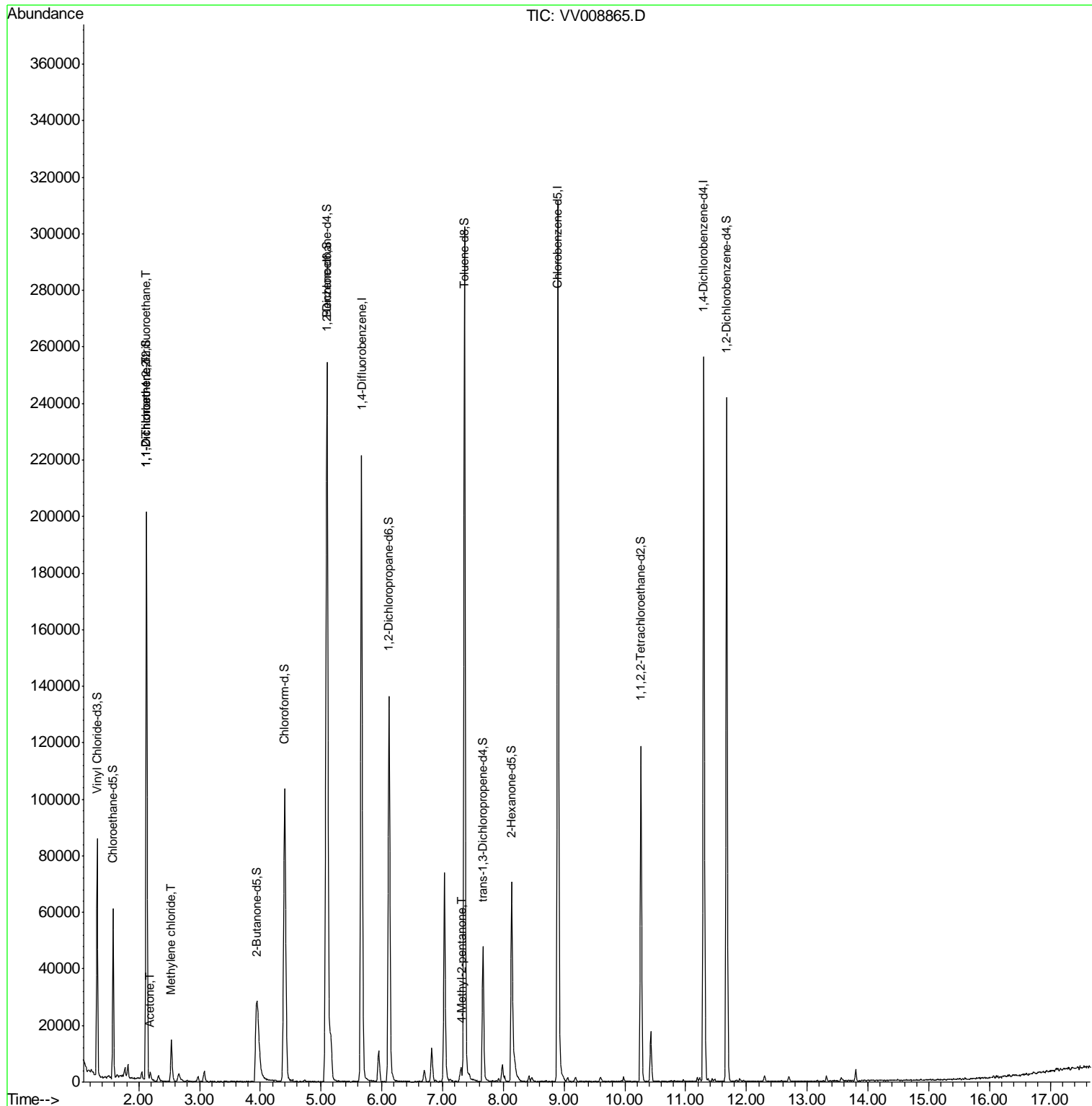
						Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1081	0.371	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	864	0.340	ug/L #	1
13) Acetone	2.19	43	2183	1.995	ug/L	93
16) Methylene chloride	2.53	84	6049	1.822	ug/L	88
43) 4-Methyl-2-pentanone	7.30	43	1648	0.965	ug/L #	51

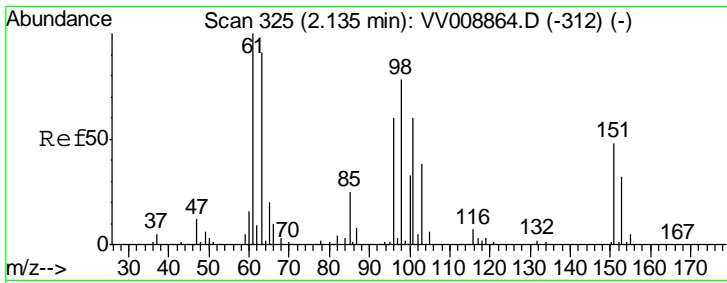
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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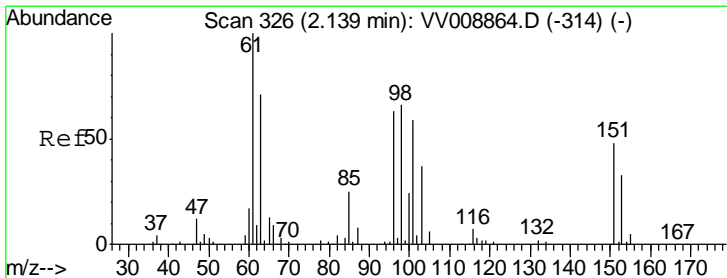
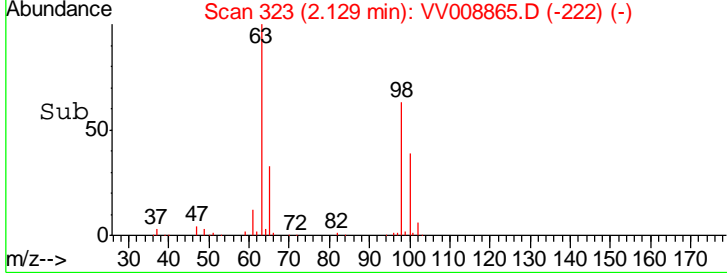
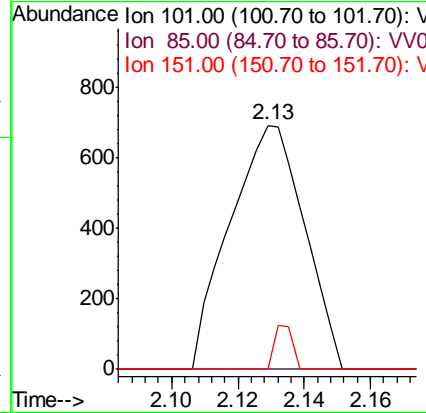
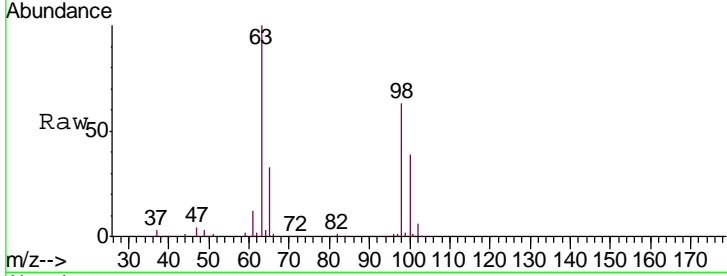




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.371 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008865.D
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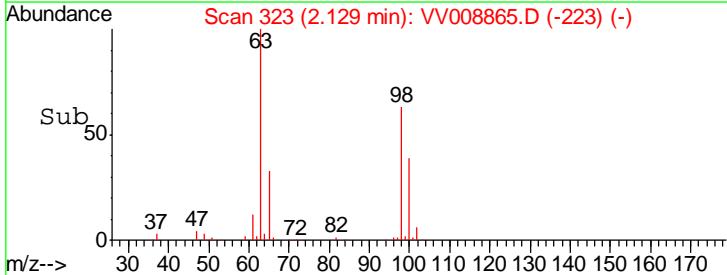
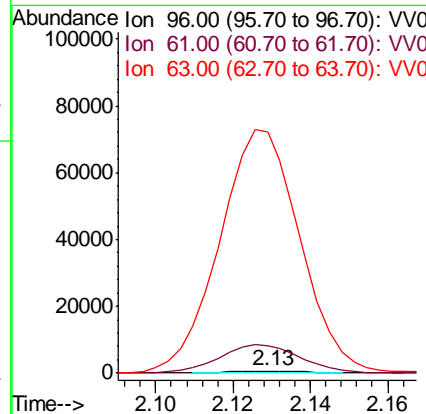
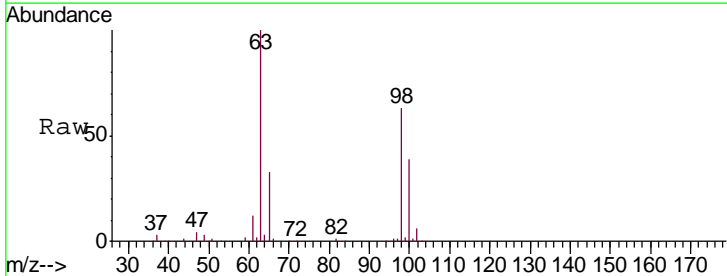
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 MSVOA_V
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 VBLK61

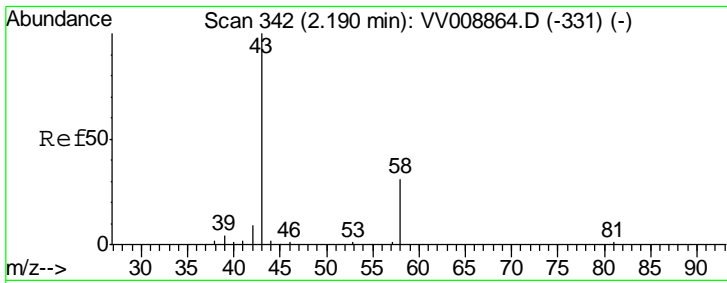
Tgt Ion	Resp	Lower	Upper
101	1081		
101	100		
85	0.0	32.5	48.7#
151	4.3	64.2	96.4#



#12
 1,1-Dichloroethene
 Concen: 0.340 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008865.D
 Acq: 06 Dec 2018 19:43

Tgt Ion	Resp	Lower	Upper
96	864		
96	100		
61	1346.1	114.0	211.6#
63	11636.7	82.4	153.0#

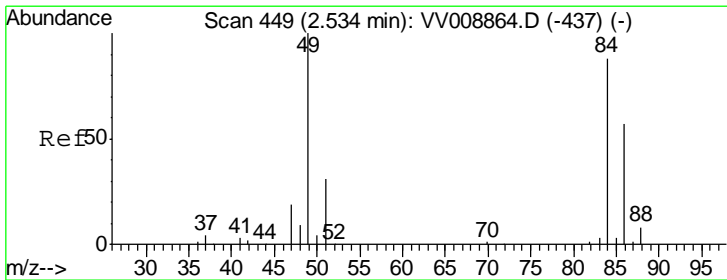
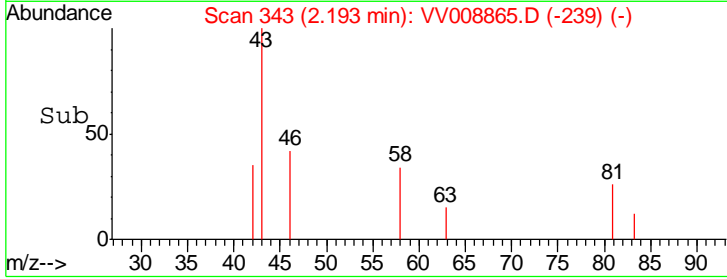
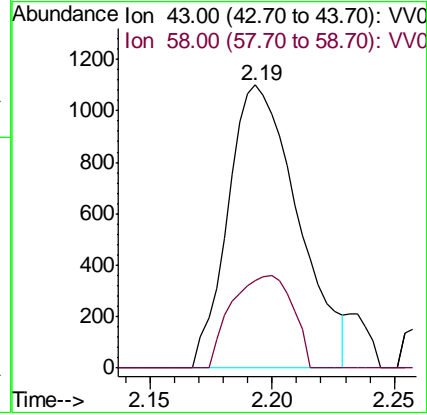
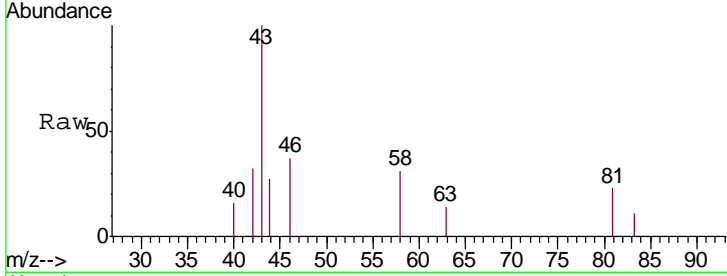




#13
 Acetone
 Concen: 1.995 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV008865.D
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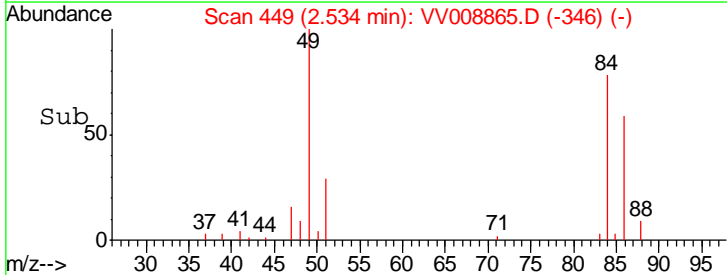
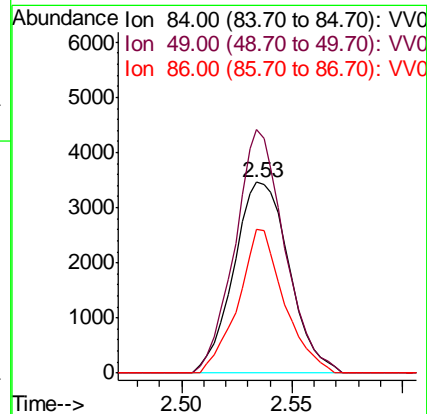
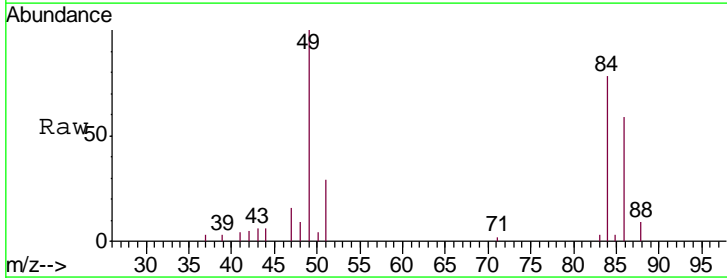
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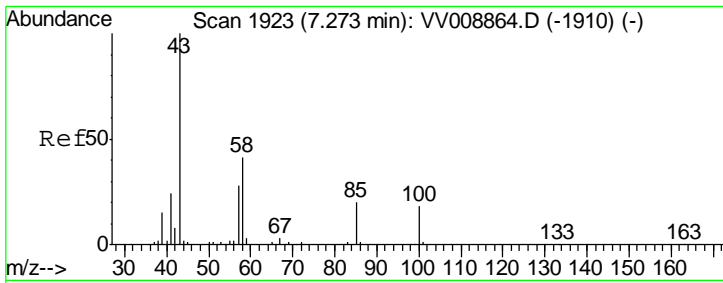
Tgt Ion	Resp	Lower	Upper
43	100		
58	28.6	0.0	65.4



#16
 Methylene chloride
 Concen: 1.822 ug/L
 RT: 2.53 min Scan# 449
 Delta R.T. 0.00 min
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Tgt Ion	Resp	Lower	Upper
84	100		
49	127.4	80.5	149.5
86	75.5	45.5	84.5





#43
 4-Methyl-2-pentanone
 Concen: 0.965 ug/L
 RT: 7.30 min Scan# 1930
 Delta R.T. 0.02 min
 Lab File: VV008865.D
 Acq: 06 Dec 2018 19:43

Instrument : MSVOA_V
 ClientSampled : VBLK61

Tgt Ion	Resp	Lower	Upper
43	1648		
58	7.1	32.2	48.4#
100	0.0	13.8	20.8#

