

Data File : VV010996.D
 Acq On : 21 May 2019 11:55
 Operator : SY/MD
 Sample : K2948-02RE
 Misc : 4.64G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHA7

Quant Time: May 22 05:28:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 05:24:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	123430	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	124472	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49109	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25501	18.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.48%
7) Chloroethane-d5	1.57	69	18824	19.76	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.04%
10) 1,1-Dichloroethene-d2	2.12	63	37711	13.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.76%
20) 2-Butanone-d5	3.94	46	19555	40.27	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.54%
24) Chloroform-d	4.40	84	53508	16.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.92%
26) 1,2-Dichloroethane-d4	5.08	65	39065	20.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.92%
29) Benzene-d6	5.10	84	139446	20.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.08%
33) 1,2-Dichloropropane-d6	6.12	67	46587	21.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.28%
37) Toluene-d8	7.36	98	121809	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.12%
38) trans-1,3-Dichloropropene-	7.66	79	16302	18.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.56%
39) 2-Hexanone-d5	8.13	63	16547	41.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43097	19.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	44437	22.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.16%

Target Compounds

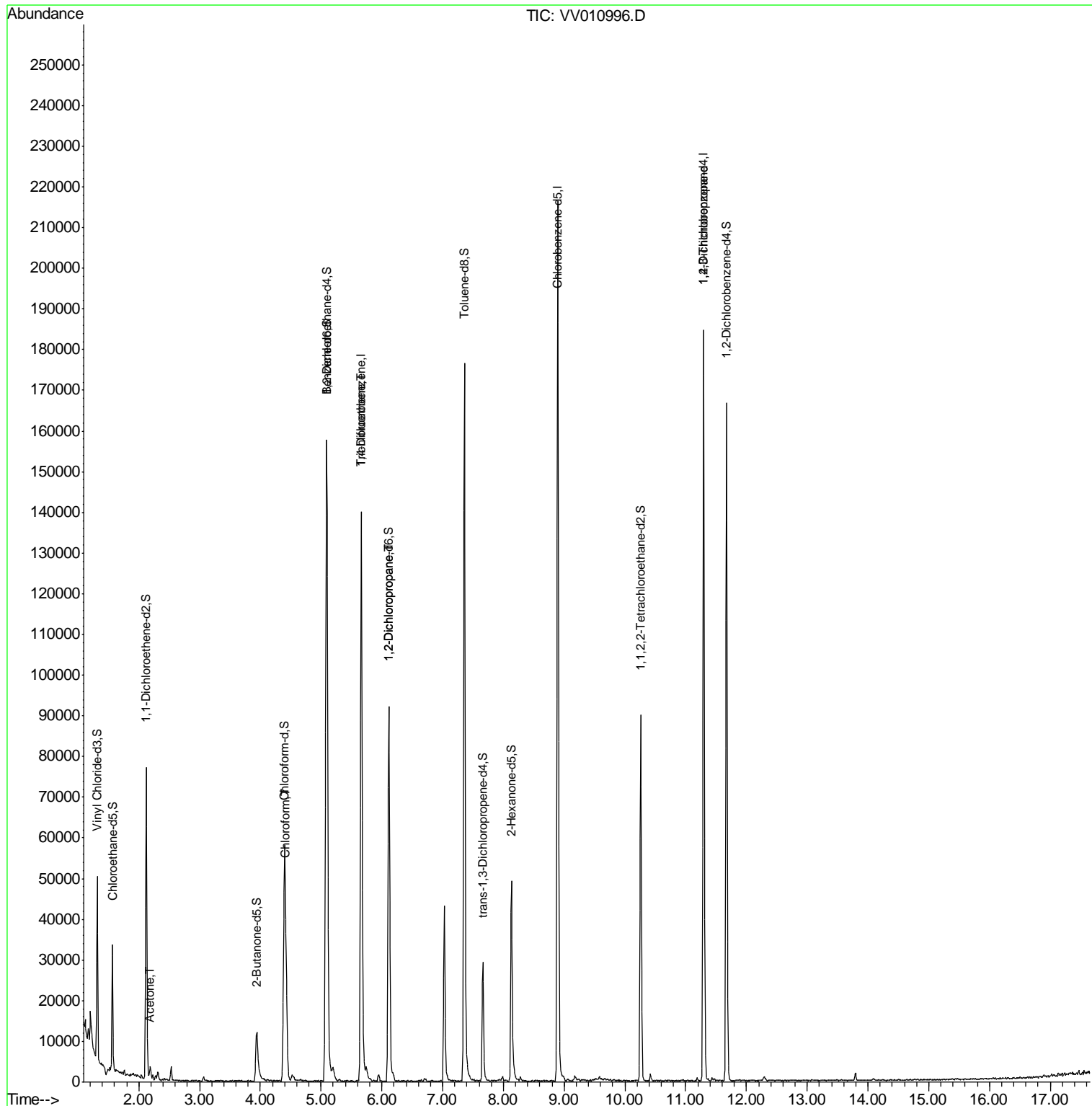
					Qvalue
13) Acetone	2.19	43	2460	5.254 ug/L	94
25) Chloroform	4.42	83	19100	5.159 ug/L	98
35) Trichloroethene	5.66	95	3499	1.765 ug/L #	5
40) 1,2-Dichloropropane	6.12	63	5034	2.670 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	6357	4.090 ug/L	95

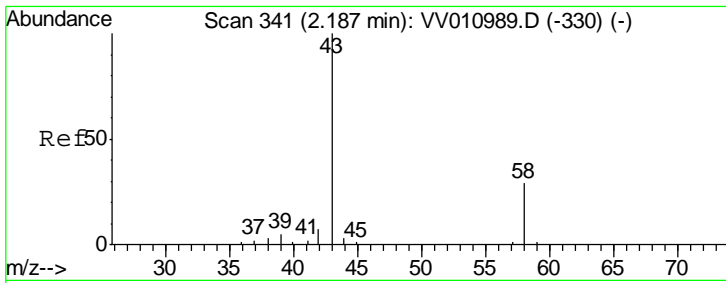
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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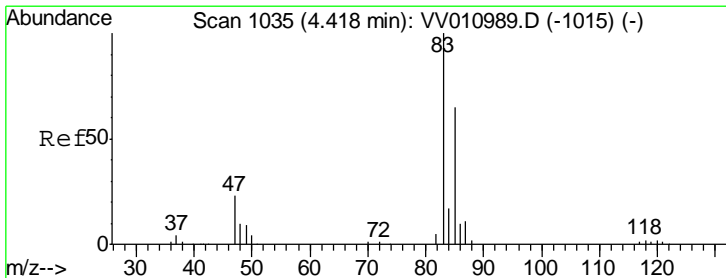
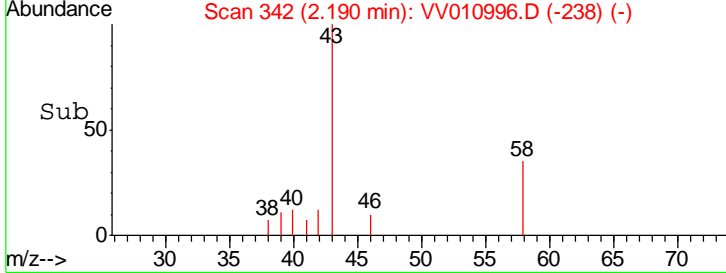
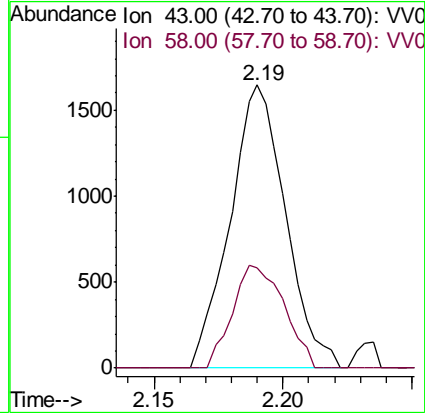
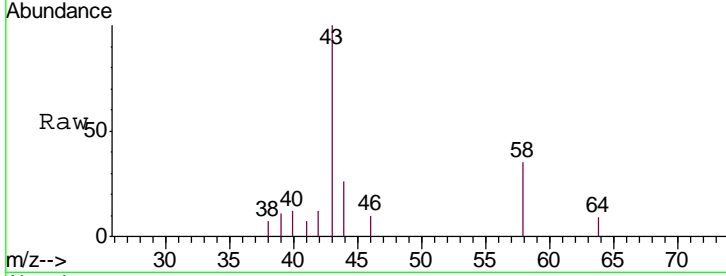


#13
 Acetone
 Concen: 5.254 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
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 MSVOA_V
 ClientSampled :
 BFHA7

Tgt Ion: 43 Resp: 2460

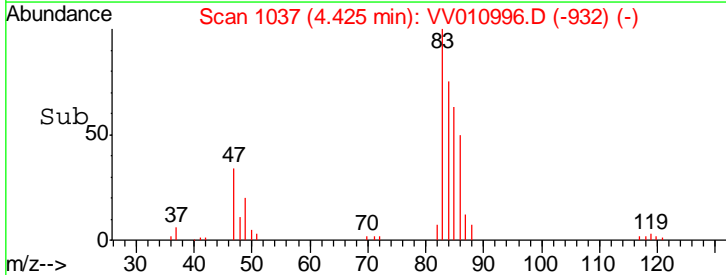
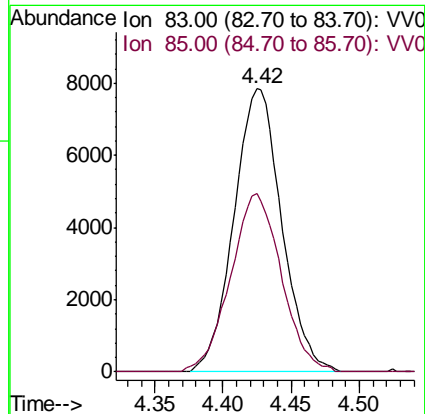
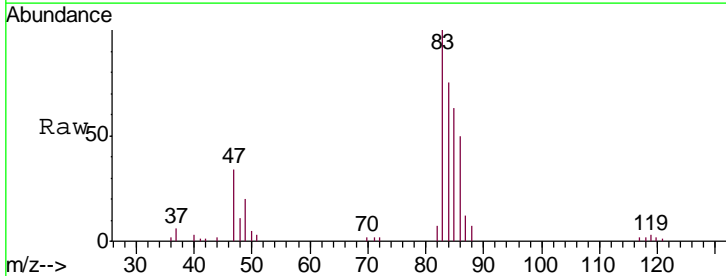
Ion	Ratio	Lower	Upper
43	100		
58	33.7	0.0	60.8

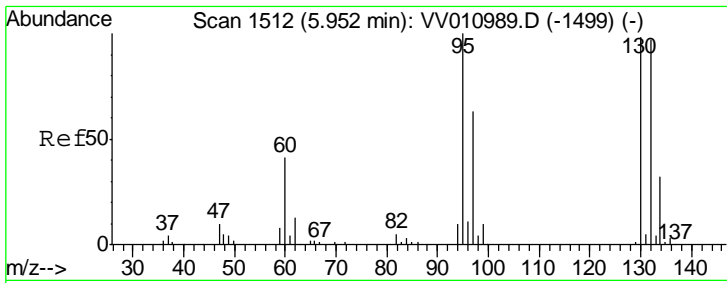


#25
 Chloroform
 Concen: 5.159 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VV010996.D
 Acq: 21 May 2019 11:55

Tgt Ion: 83 Resp: 19100

Ion	Ratio	Lower	Upper
83	100		
85	66.9	45.6	84.8

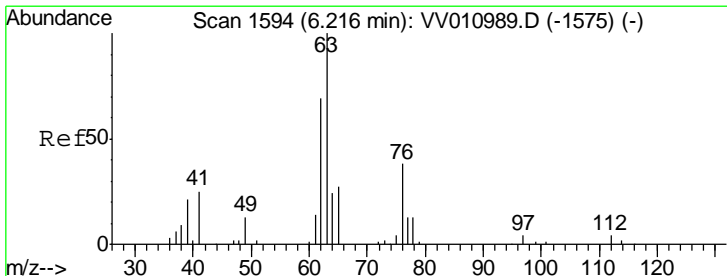
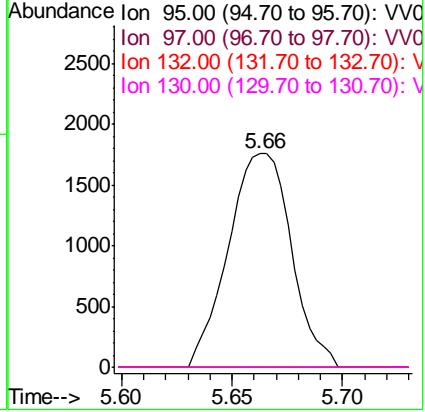
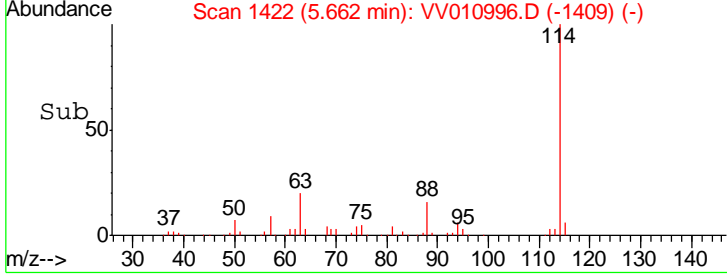
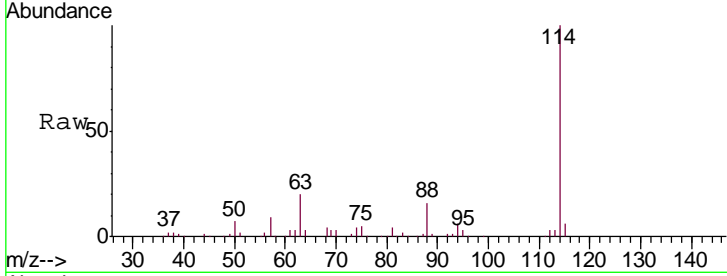




#35
 Trichloroethene
 Concen: 1.765 ug/L
 RT: 5.66 min Scan# 1422
 Delta R.T. -0.29 min
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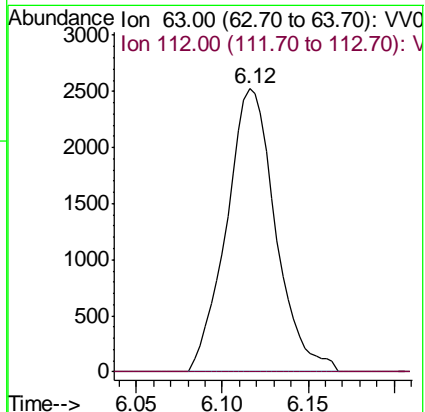
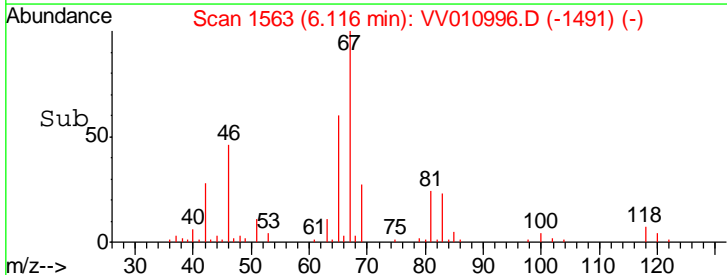
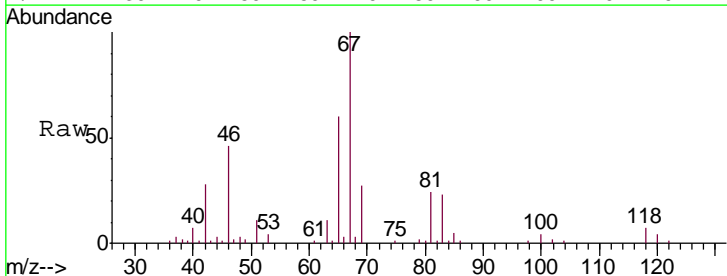
Instrument : MSVOA_V
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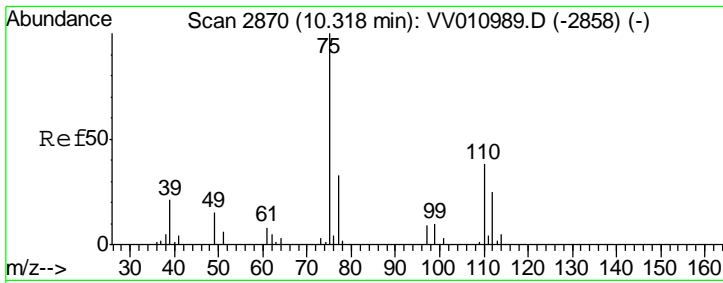
Tgt Ion	Resp	Lower	Upper
95	100		
97	0.0	43.4	80.6#
132	0.0	68.8	127.8#
130	0.0	69.9	129.9#



#40
 1,2-Dichloropropane
 Concen: 2.670 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010996.D
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Tgt Ion	Resp	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#59
 1,2,3-Trichloropropane
 Concen: 4.090 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010996.D
 Acq: 21 May 2019 11:55

Instrument :
 MSVOA_V
 ClientSampled :
 BFHA7

Tgt Ion	Resp	Lower	Upper
75	6357		
75	100		
77	34.4	25.4	38.2

