

Data File : VV010912.D
Acq On : 15 May 2019 23:39
Operator : SY/MD
Sample : K2788-14
Misc : 6.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51A4

Manual Integrations
APPROVED

MMDadoda
5/20/2019 1:04:21 AM

Quant Time: May 16 08:55:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	5057	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	3592	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	800	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2092	32.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.88%
7) Chloroethane-d5	1.58	69	1933	46.04	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	184.16%#
10) 1,1-Dichloroethene-d2	2.14	63	3398	27.87	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	111.48%#
20) 2-Butanone-d5	3.94	46	1123m	55.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.80%
24) Chloroform-d	4.41	84	4224	28.93	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.72%
26) 1,2-Dichloroethane-d4	5.08	65	2197m	26.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.88%
29) Benzene-d6	5.10	84	7394	37.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	148.76%#
33) 1,2-Dichloropropane-d6	6.12	67	2381	37.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	150.16%#
37) Toluene-d8	7.37	98	5593	29.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.08%
38) trans-1,3-Dichloropropene-	7.67	79	460	16.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.48%
39) 2-Hexanone-d5	8.14	63	346	28.79	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2118	36.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	144.00%#
61) 1,2-Dichlorobenzene-d4	11.68	152	947	28.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.36%

Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.15	96	534	9.163 ug/L #	1
22) cis-1,2-Dichloroethene	3.97	96	148343	1826.066 ug/L	98
31) 1,1,1-Trichloroethane	4.67	97	1025	13.138 ug/L #	68
35) Trichloroethene	5.96	95	230491	4247.788 ug/L	99
47) Tetrachloroethene	8.02	164	2497	62.278 ug/L	88

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

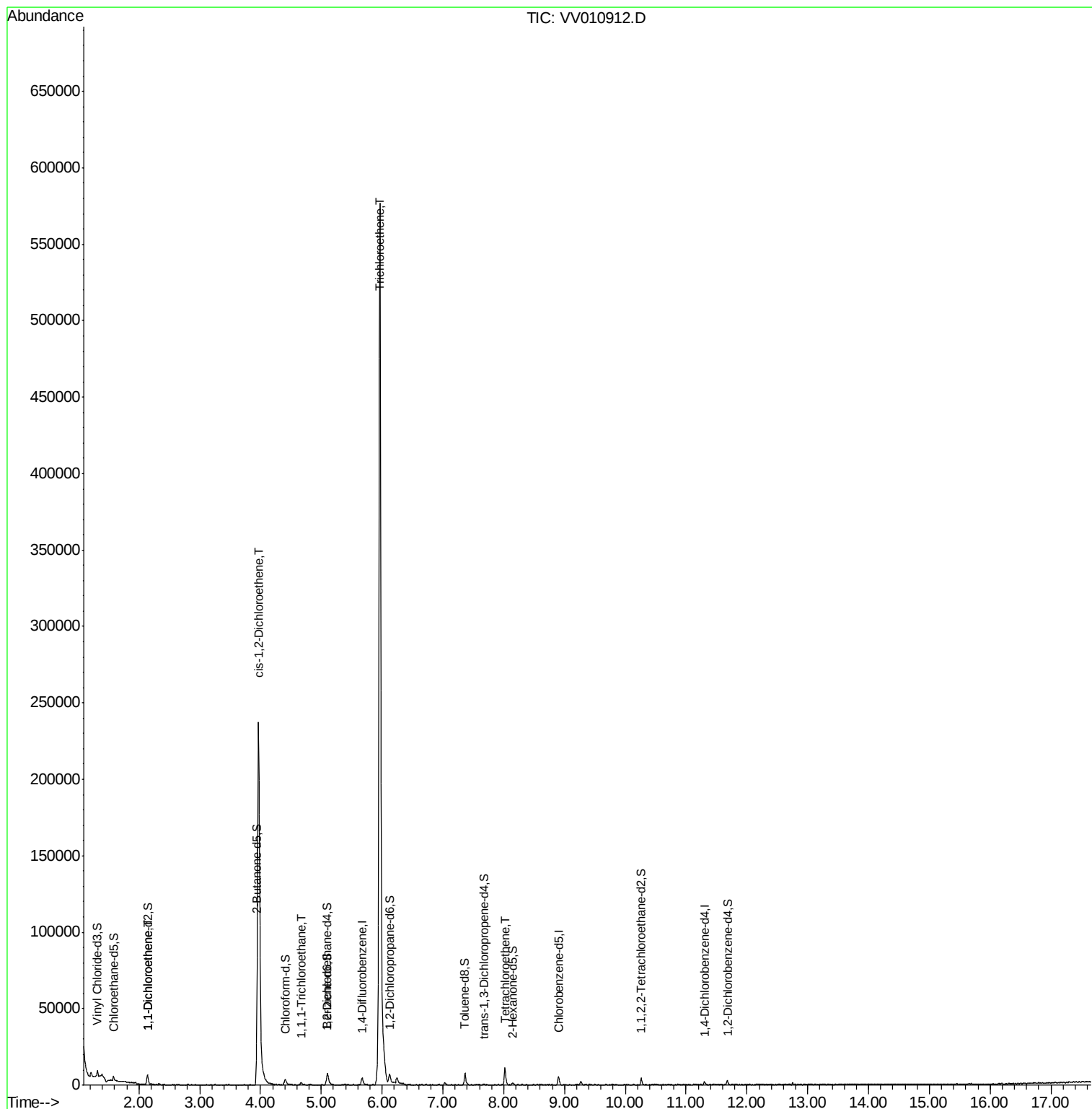
Data File : VV010912.D
Acq On : 15 May 2019 23:39
Operator : SY/MD
Sample : K2788-14
Misc : 6.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

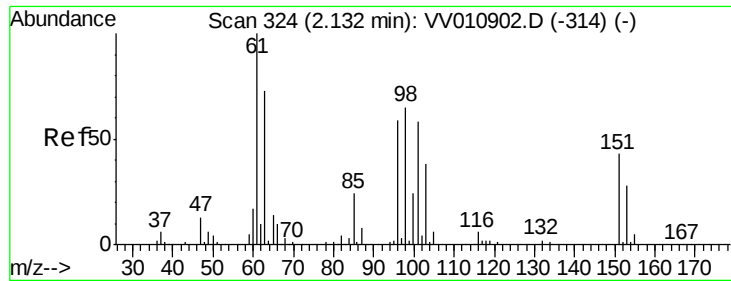
Instrument :
MSVOA_V
ClientSampleId :
A51A4

Manual Integrations
APPROVED

MMDadoda
5/20/2019 1:04:21 AM

Quant Time: May 16 08:55:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration





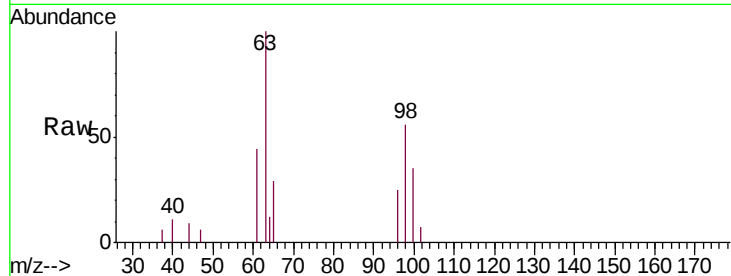
#12
 1,1-Dichloroethene
 Concen: 9.163 ug/L
 RT: 2.15 min Scan# 329
 Delta R.T. 0.02 min
 Lab File: VV010912.D
 Acq: 15 May 2019 23:39

Instrument :
 MSVOA_V
 ClientSampleId :
 A51A4

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.9	117.5	218.3
63	401.7	82.8	153.8

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 1:04:21 AM

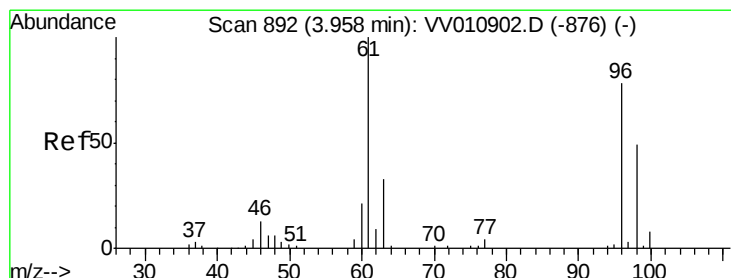
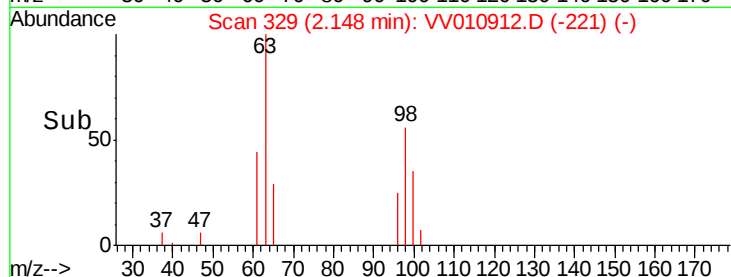
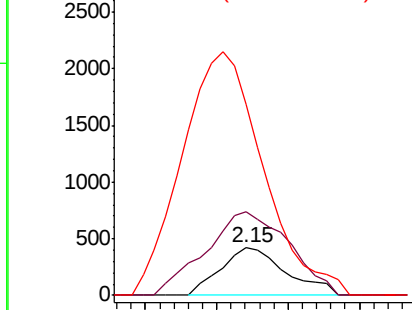


Abundance

Ion 96.00 (95.70 to 96.70): VV0

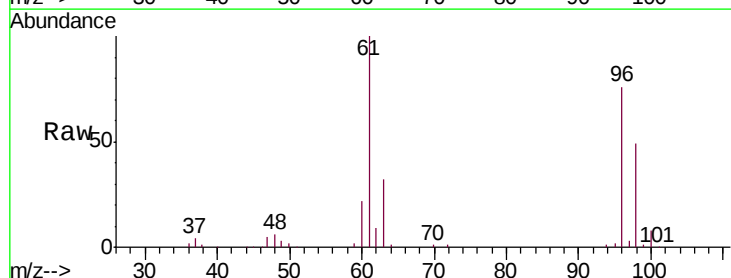
Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#22
 cis-1,2-Dichloroethene
 Concen: 1826.066 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.01 min
 Lab File: VV010912.D
 Acq: 15 May 2019 23:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.0	90.2	167.6
98	64.6	44.2	82.0

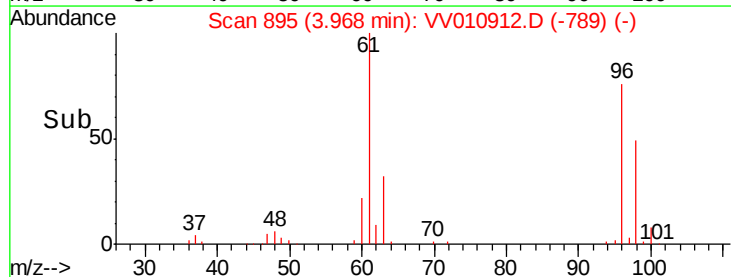
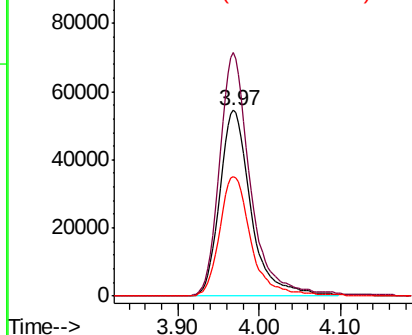


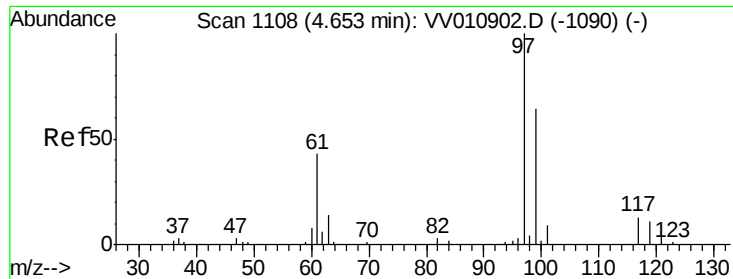
Abundance

Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





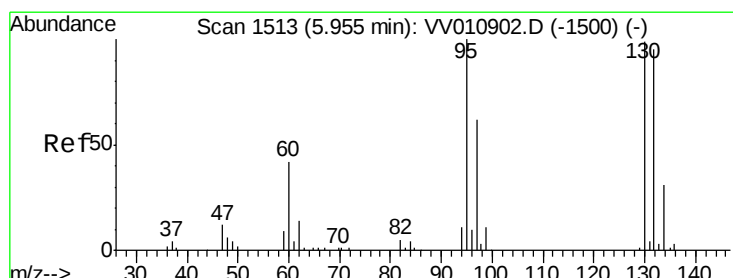
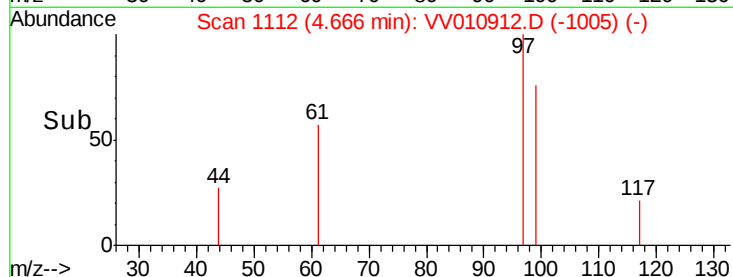
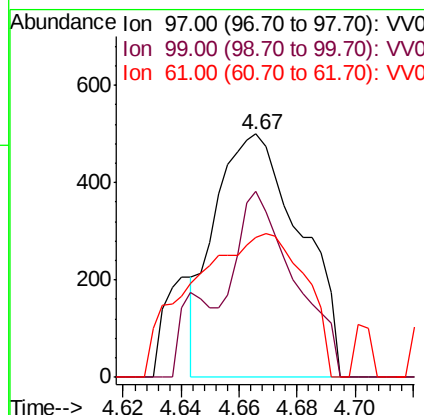
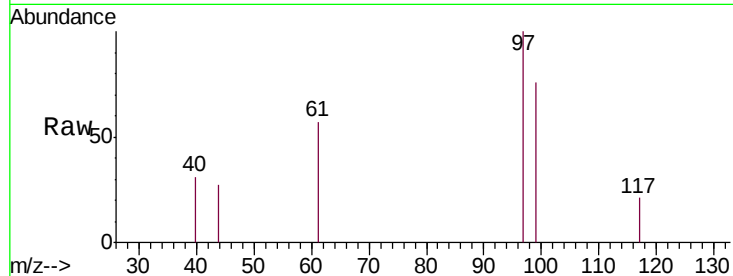
#31
 1,1,1-Trichloroethane
 Concen: 13.138 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: VV010912.D
 Acq: 15 May 2019 23:39

Instrument :
 MSVOA_V
 ClientSampled :
 A51A4

Tgt Ion: 97 Resp: 1025
 Ion Ratio Lower Upper
 97 100
 99 52.9 49.4 74.2
 61 4.0 34.6 51.8#

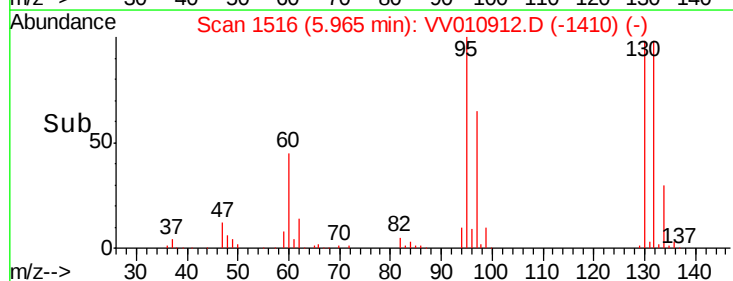
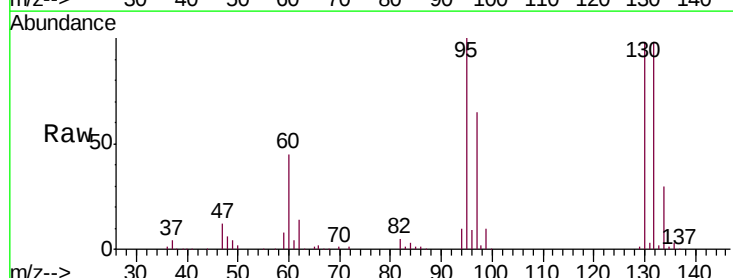
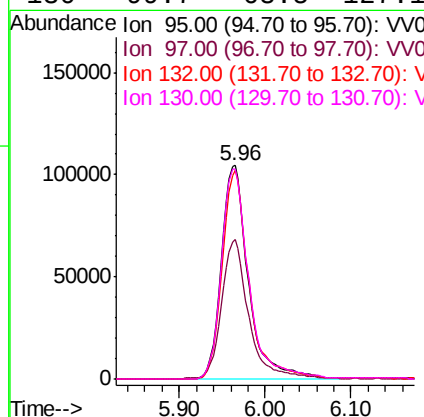
Manual Integrations
 APPROVED

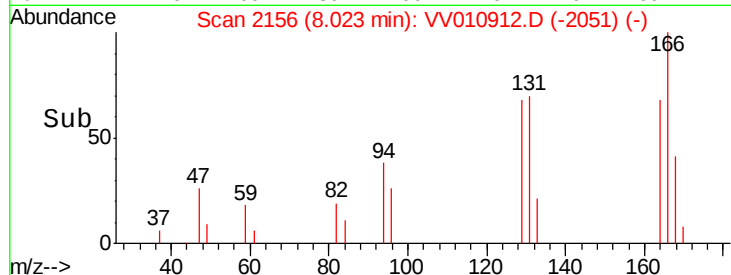
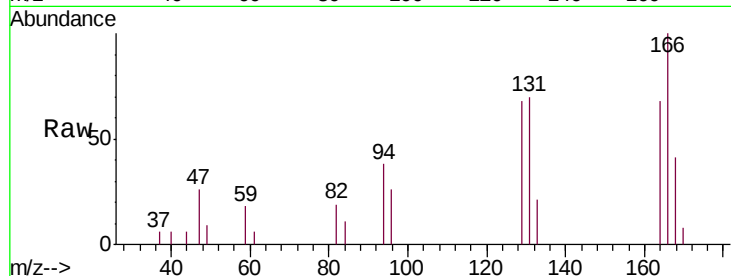
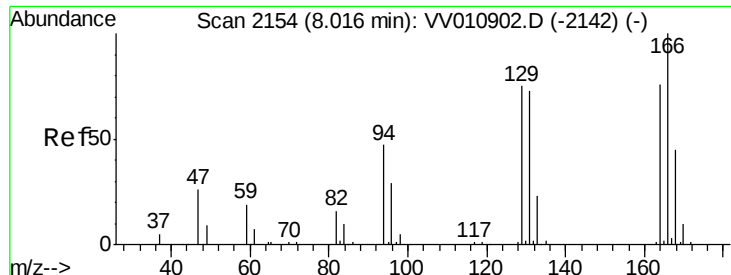
MMDadoda
 5/20/2019 1:04:21 AM



#35
 Trichloroethene
 Concen: 4247.788 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: VV010912.D
 Acq: 15 May 2019 23:39

Tgt Ion: 95 Resp: 230491
 Ion Ratio Lower Upper
 95 100
 97 65.3 46.0 85.4
 132 96.2 67.4 125.2
 130 99.7 68.5 127.1





#47

Tetrachloroethene

Concen: 62.278 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.01 min

Lab File: VV010912.D

Acq: 15 May 2019 23:39

Tgt Ion:	164	Resp:	2497
Ion Ratio	Lower	Upper	
164	100		
129	99.7	67.6	125.6
131	101.8	65.1	120.9
166	146.1	84.8	157.6

Instrument :
MSVOA_V
ClientSampleId :
A51A4

Manual Integrations
APPROVED

MMDadoda
5/20/2019 1:04:21 AM

