

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
 Data File : VU031742.D
 Acq On : 03 May 2019 12:11
 Operator : JC/SP
 Sample : K2661-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B36

Manual Integrations
 APPROVED

MMDadoda
 5/6/2019 11:43:03 AM

Quant Time: May 04 05:51:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 04 02:35:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	866565	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	830559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	329750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	378048	52.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.26%
7) Chloroethane-d5	1.68	69	291958	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.18%
11) 1,1-Dichloroethene-d2	2.27	63	533839	36.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.92%
21) 2-Butanone-d5	4.19	46	703398	107.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.04%
24) Chloroform-d	4.64	84	592379	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.31	65	403817	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.06%
32) Benzene-d6	5.34	84	1246999	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
36) 1,2-Dichloropropane-d6	6.32	67	434302	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.80%
41) Toluene-d8	7.56	98	1055657	47.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.04%
43) trans-1,3-Dichloropropene-	7.85	79	175216	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.98%
47) 2-Hexanone-d5	8.31	63	434080	111.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	551611	45.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	336798	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%

Target Compounds

					Ovalue
13) Acetone	2.35	43	14370m	1.941	ug/L
17) trans-1,2-Dichloroethene	2.98	96	3374	0.479	ug/L
20) cis-1,2-Dichloroethene	4.22	96	106781	14.130	ug/L
34) Trichloroethene	6.18	95	111291	15.035	ug/L
46) Tetrachloroethene	8.22	164	434580	86.119	ug/L

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

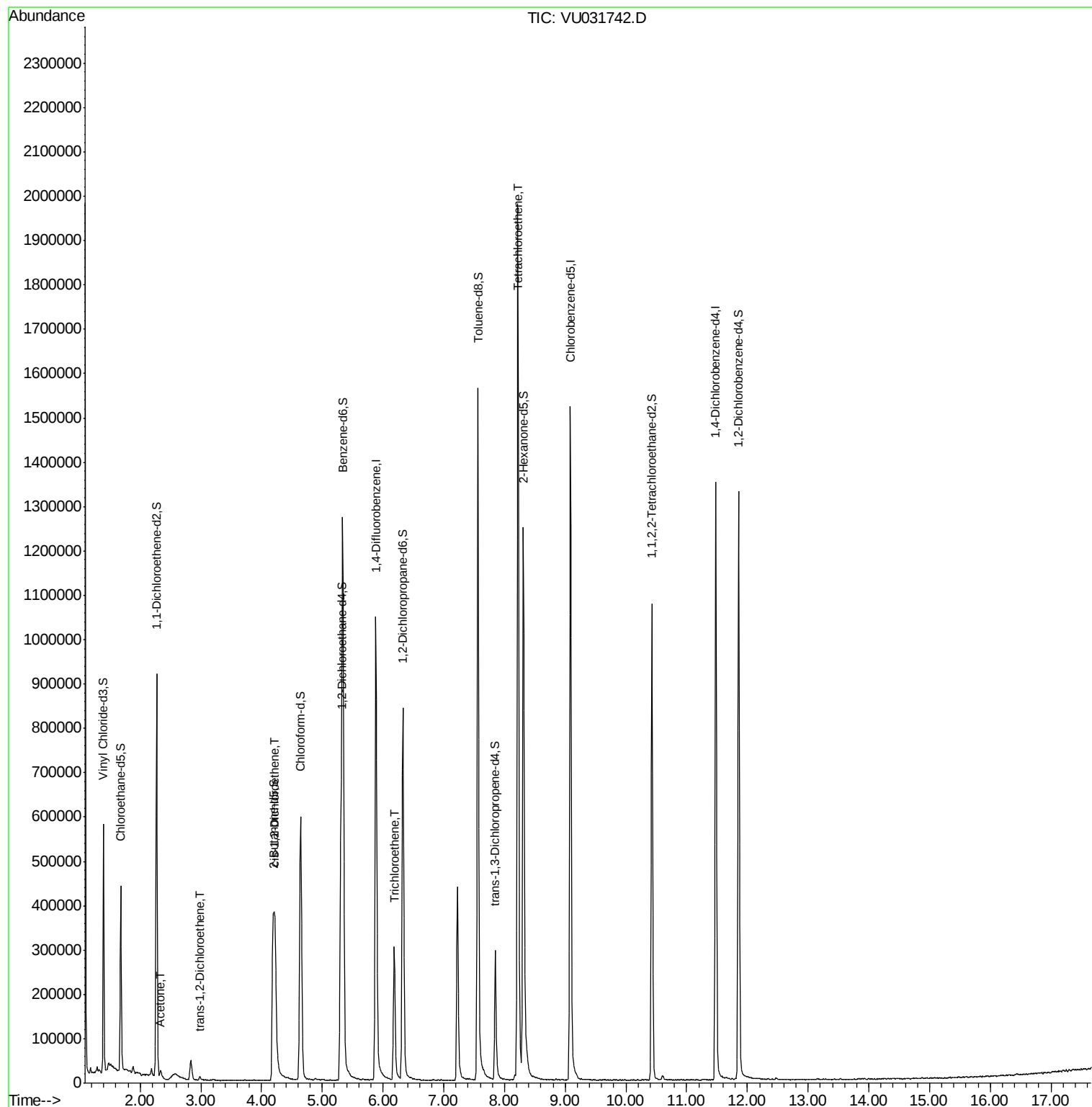
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050319\
Data File : VU031742.D
Acq On : 03 May 2019 12:11
Operator : JC/SP
Sample : K2661-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

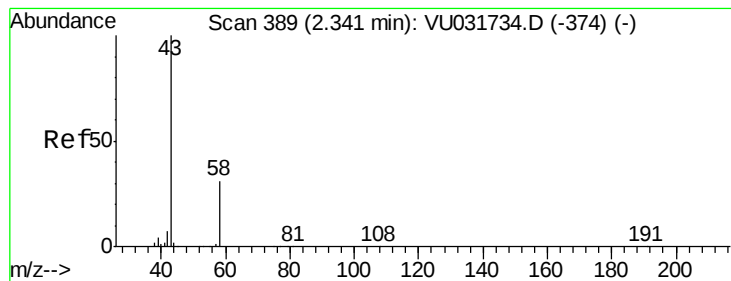
Instrument :
MSVOA_U
ClientSampleId :
C0B36

Manual Integrations
APPROVED

MMDadoda
5/6/2019 11:43:03 AM

Quant Time: May 04 05:51:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.941 ug/L m

RT: 2.35 min Scan# 391

Delta R.T. 0.01 min

Lab File: VU031742.D

Acq: 03 May 2019 12:11

Tot Ion: 43 Resp: 14370

Ion Ratio Lower Upper

43 100

58 0.3 0.0 64.4

Instrument :

MSVOA_U

ClientSampled :

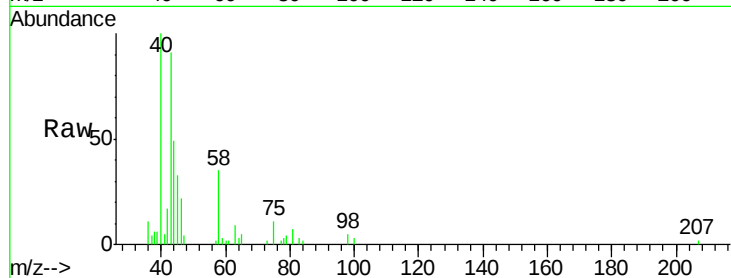
C0B36

Manual Integrations

APPROVED

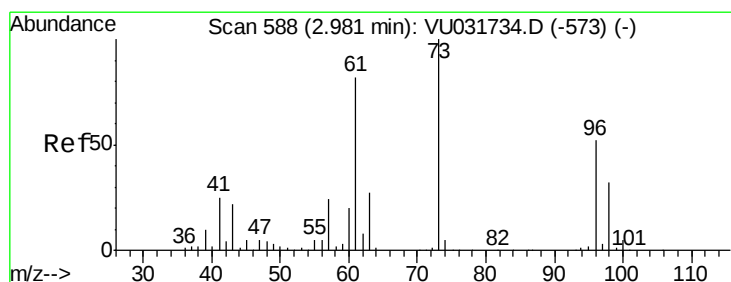
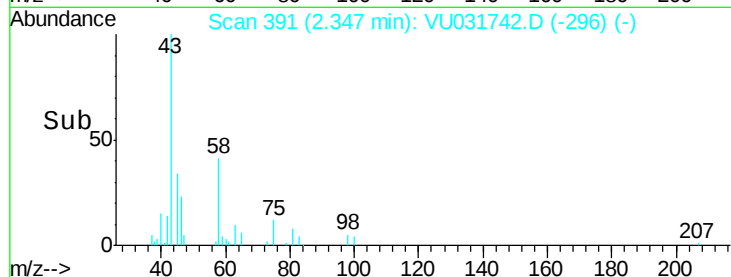
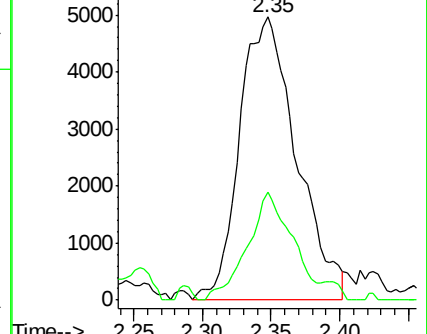
MMDadoda

5/6/2019 11:43:03 AM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 0.479 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU031742.D

Acq: 03 May 2019 12:11

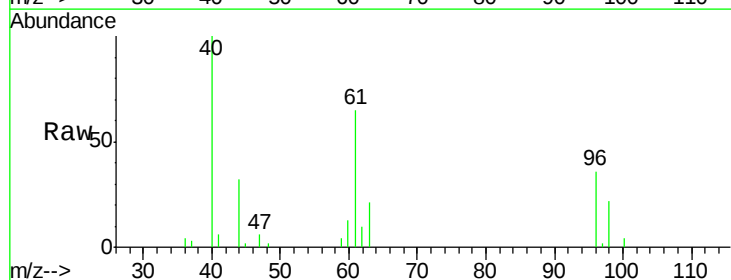
Tgt Ion: 96 Resp: 3374

Ion Ratio Lower Upper

96 100

61 180.2 114.5 212.7

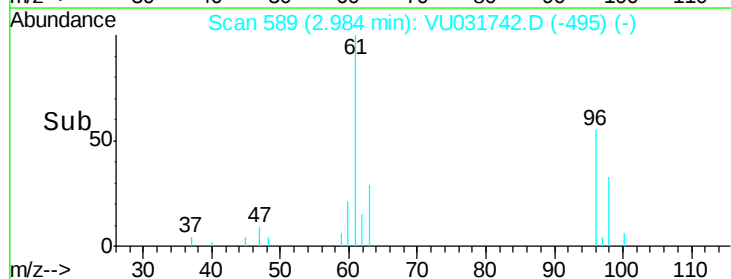
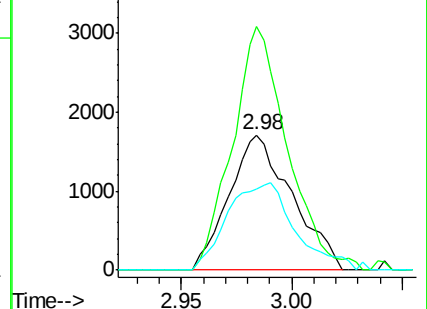
98 59.6 45.4 84.2

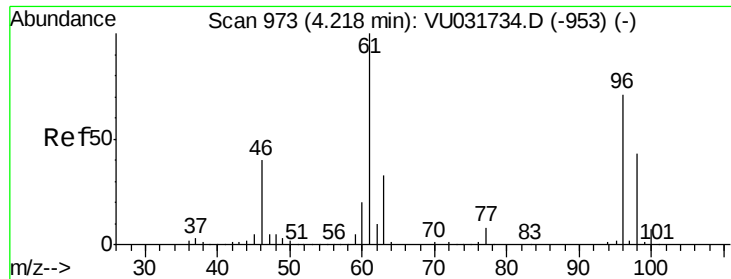


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





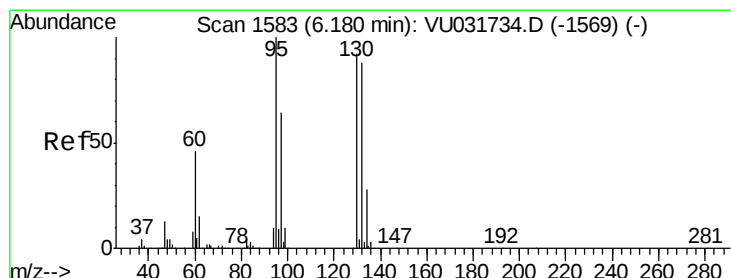
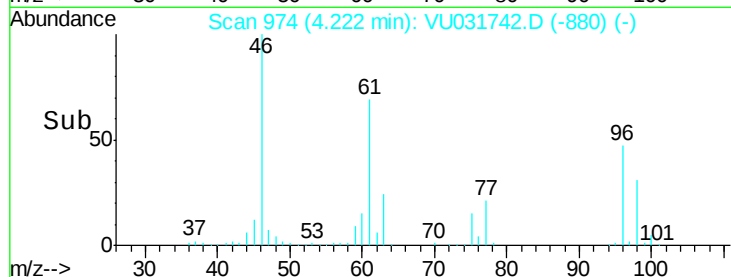
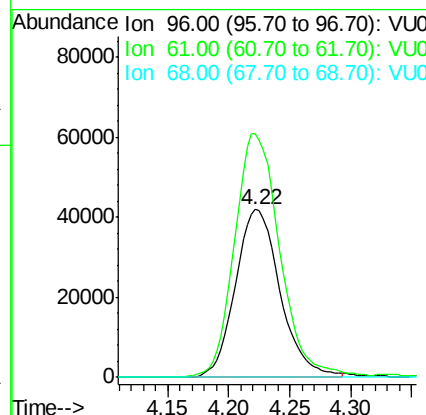
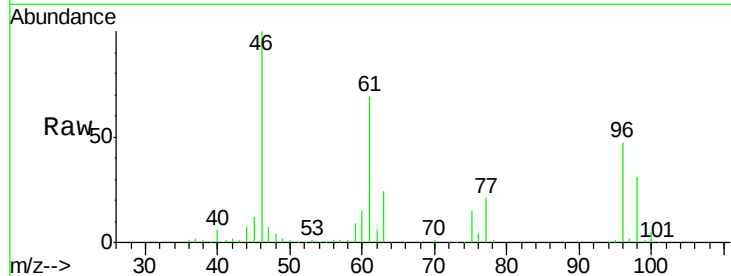
#20
 cis-1,2-Dichloroethene
 Concen: 14.130 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031742.D
 Acq: 03 May 2019 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B36

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	145.1		99.5	184.7	
68	0.0		0.0	0.0	

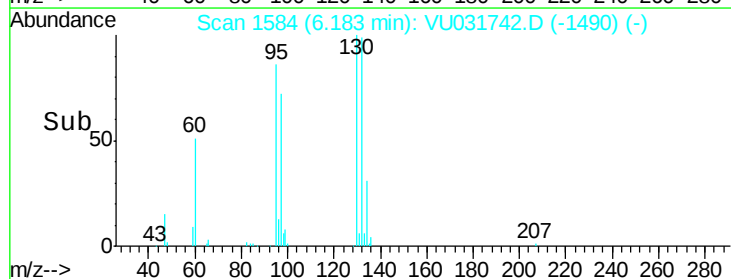
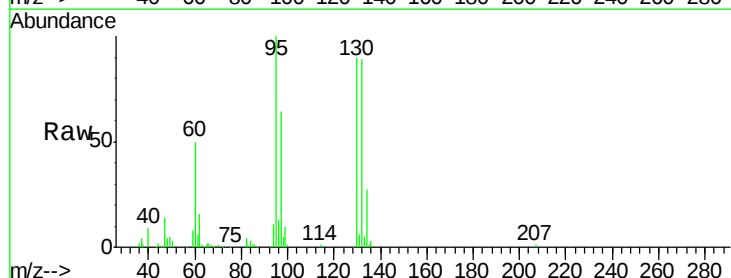
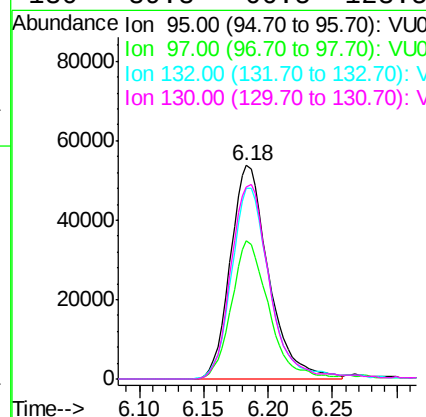
Manual Integrations
 APPROVED

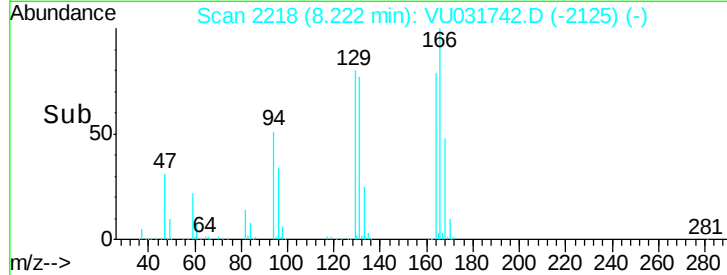
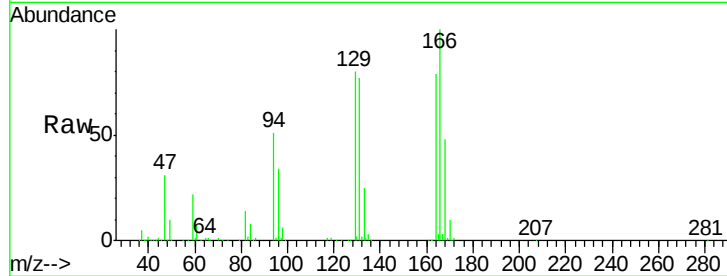
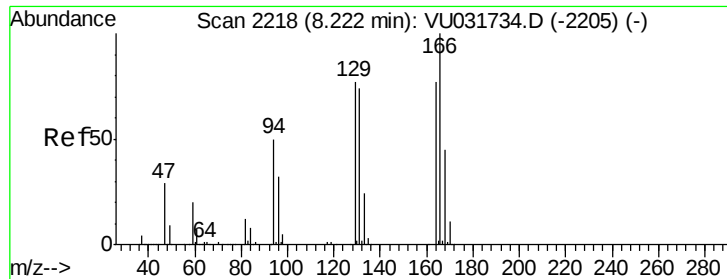
MMDadoda
 5/6/2019 11:43:03 AM



#34
 Trichloroethene
 Concen: 15.035 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031742.D
 Acq: 03 May 2019 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100				
97	64.5		44.8	83.2	
132	89.1		63.1	117.1	
130	89.8		66.5	123.5	





#46

Tetrachloroethene

Concen: 86.119 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031742.D

Acq: 03 May 2019 12:11

Tot Ion:	164	Resp:	434580
Ion Ratio	Lower	Upper	
164	100		
129	101.3	71.5	132.9
131	98.5	69.0	128.2
166	127.1	93.7	173.9

Instrument :
MSVOA_U
ClientSampleId :
C0B36

Manual Integrations
APPROVED

MMDadoda
5/6/2019 11:43:03 AM

