

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031454.D
 Acq On : 23 Apr 2019 22:12
 Operator : JC/SP
 Sample : K2536-02 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 24 08:45:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 08:41:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	690835	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	661871	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	272577	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	208628	37.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.54%
7) Chloroethane-d5	1.68	69	177657	41.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.36%
11) 1,1-Dichloroethene-d2	2.27	63	310793	31.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.84%
21) 2-Butanone-d5	4.19	46	438002	104.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.66%
24) Chloroform-d	4.64	84	399120	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
26) 1,2-Dichloroethane-d4	5.31	65	237337	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
32) Benzene-d6	5.34	84	783958	41.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.33	67	270724	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.00%
41) Toluene-d8	7.56	98	736312	43.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.22%
43) trans-1,3-Dichloropropene-	7.85	79	122483	43.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.38%
47) 2-Hexanone-d5	8.31	63	319752	103.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	404614	48.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	259894	46.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.28%

Target Compounds

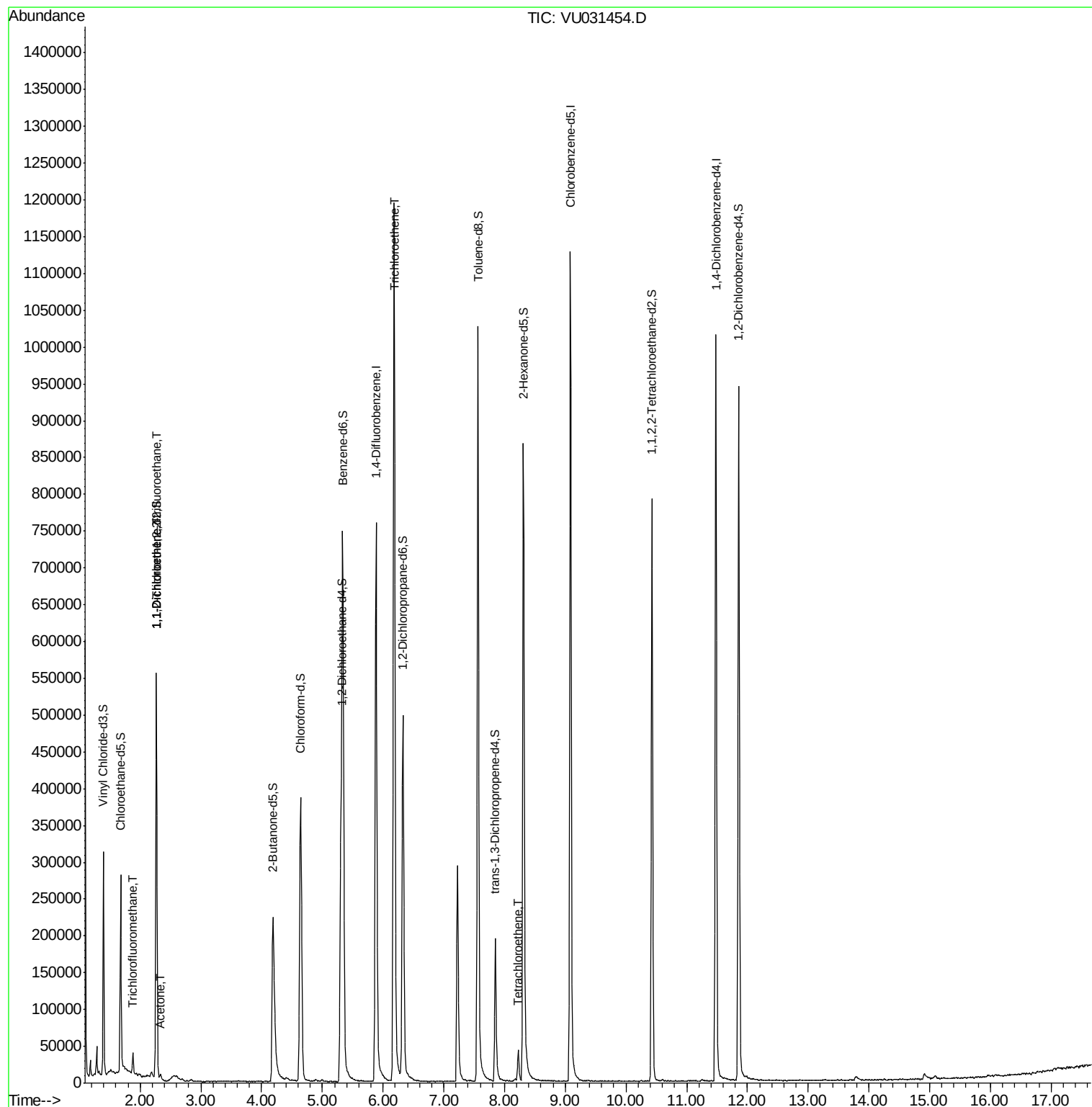
					Ovalue
9) Trichlorofluoromethane	1.88	101	13400	1.817 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2867	0.670 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2676	0.636 ug/L #	1
13) Acetone	2.34	43	4457	1.357 ug/L	74
34) Trichloroethene	6.18	95	447623	88.241 ug/L	100
46) Tetrachloroethene	8.23	164	11069	3.077 ug/L	96

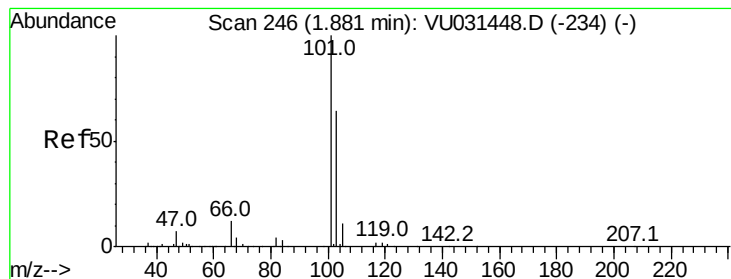
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 24 08:41:52 2019
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#9

Trichlorofluoromethane

Concen: 1.817 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031454.D

Acq: 23 Apr 2019 22:12

Instrument :

MSVOA_U

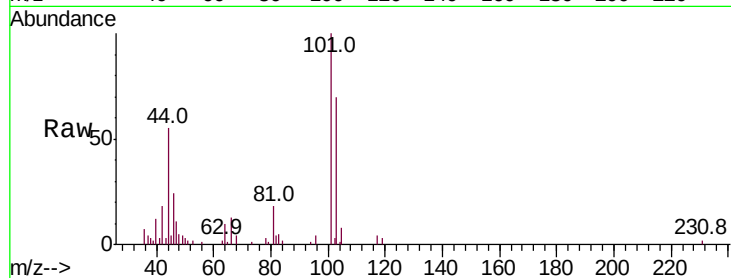
ClientSampled :

Tot Ion:101 Resp: 13400

Ion Ratio Lower Upper

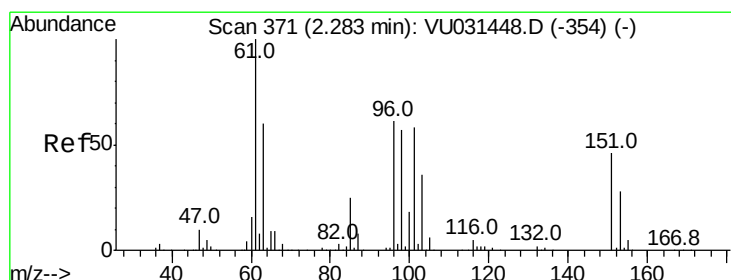
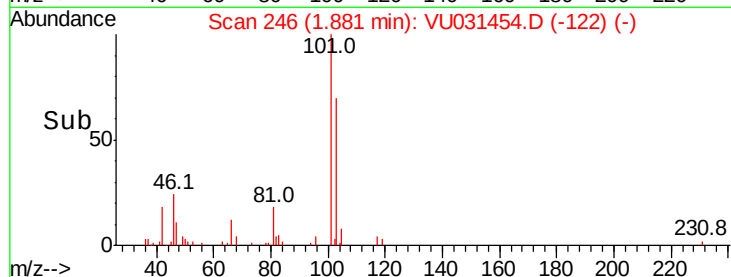
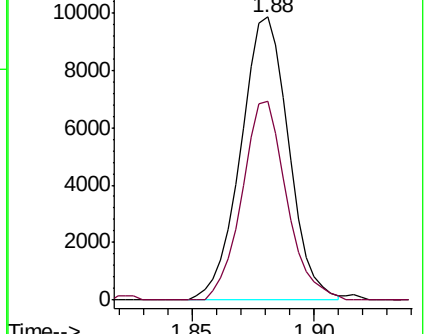
101 100

103 65.2 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.670 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031454.D

Acq: 23 Apr 2019 22:12

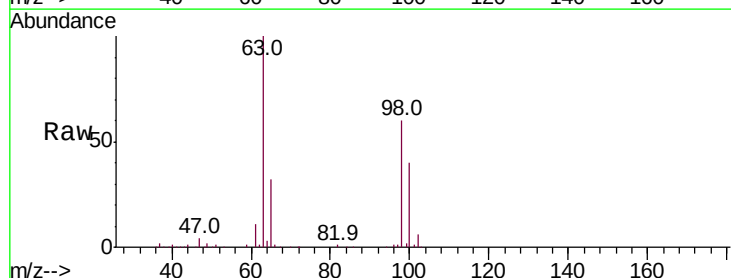
Tgt Ion:101 Resp: 2867

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

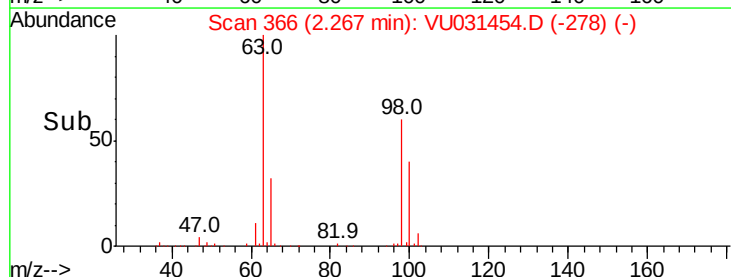
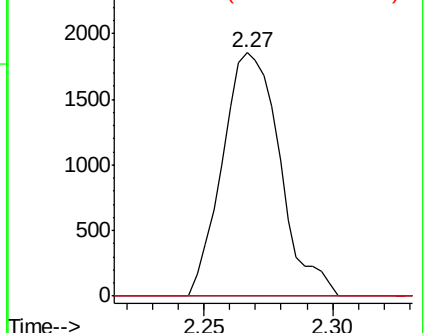
151 0.0 61.4 92.0#

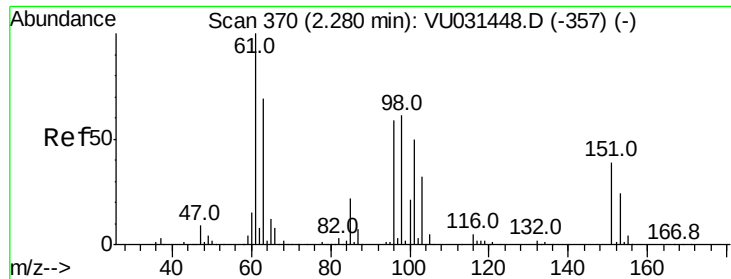


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.636 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031454.D

Acq: 23 Apr 2019 22:12

Instrument :
MSVOA_U
ClientSampleId :

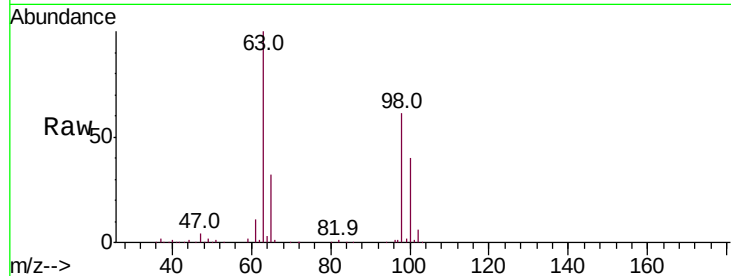
Tot Ion: 96 Resp: 2676

Ion Ratio Lower Upper

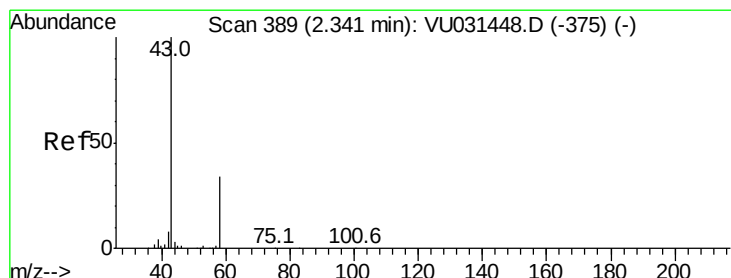
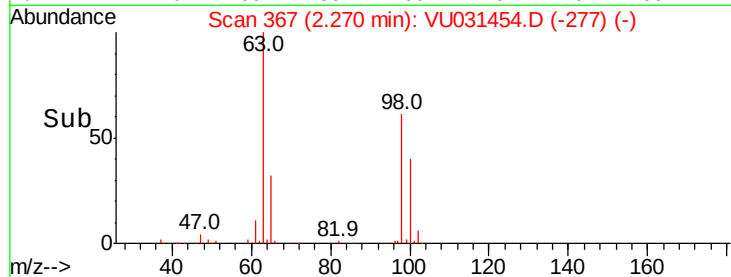
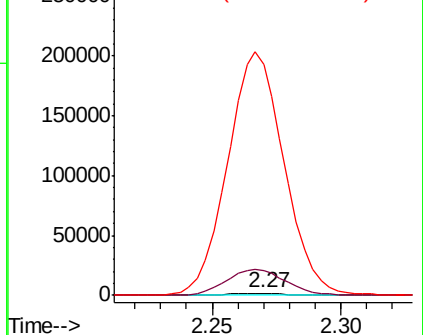
96 100

61 1139.0 118.9 220.9#

63 10634.9 99.3 184.3#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 1.357 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU031454.D

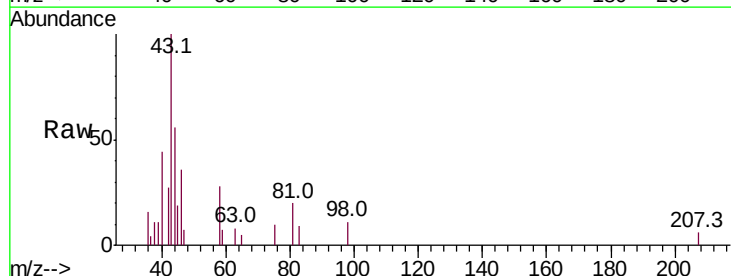
Acq: 23 Apr 2019 22:12

Tgt Ion: 43 Resp: 4457

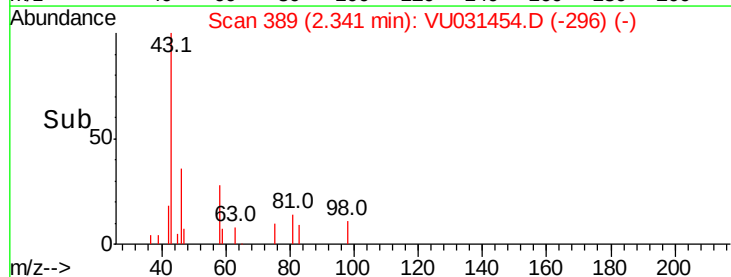
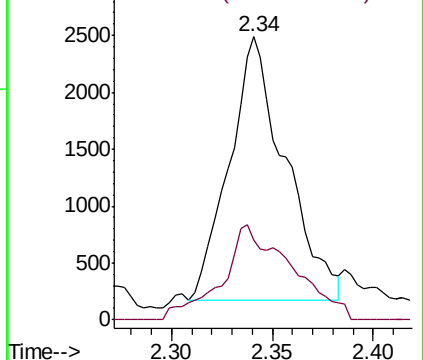
Ion Ratio Lower Upper

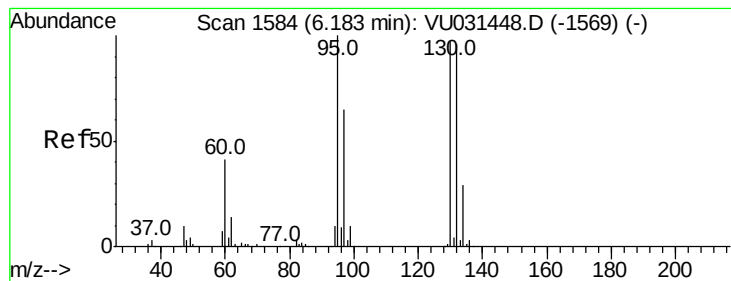
43 100

58 18.6 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 88.241 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031454.D

Acq: 23 Apr 2019 22:12

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 95 Resp: 447623

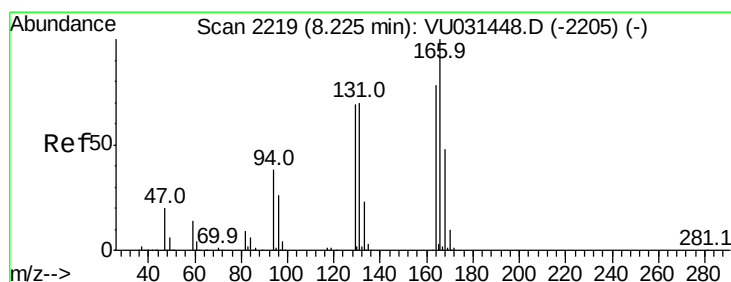
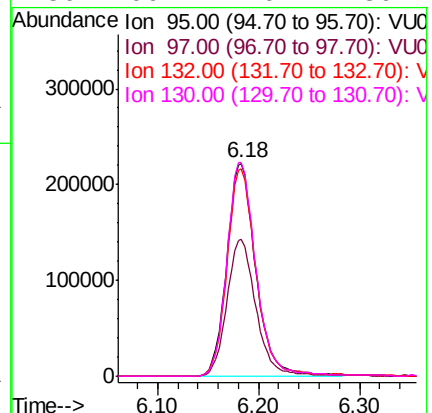
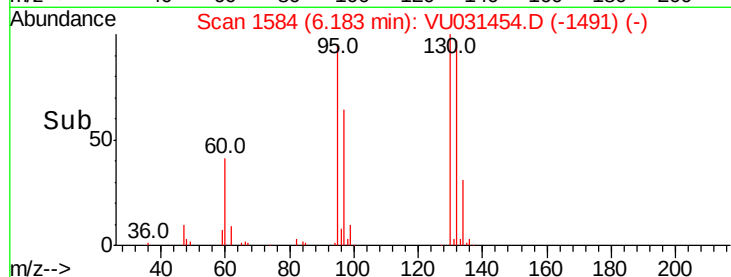
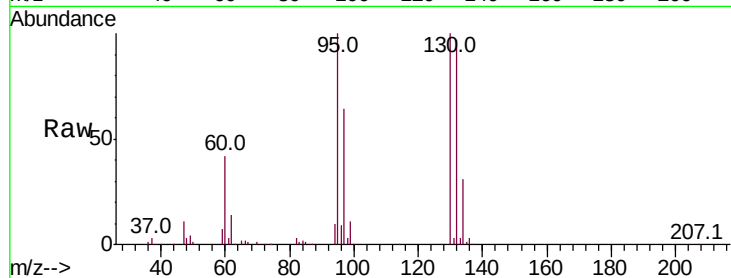
Ion Ratio Lower Upper

95 100

97 64.5 44.9 83.5

132 97.4 68.0 126.2

130 100.2 70.1 130.1



#46

Tetrachloroethene

Concen: 3.077 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU031454.D

Acq: 23 Apr 2019 22:12

Tgt Ion:164 Resp: 11069

Ion Ratio Lower Upper

164 100

129 87.3 65.2 121.0

131 91.1 61.4 114.0

166 124.7 89.2 165.6

