

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112519\
 Data File : VU035842.D
 Acq On : 25 Nov 2019 22:58
 Operator : JC/SP
 Sample : K5992-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARF4

Quant Time: Nov 26 03:42:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 01:03:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	229650	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	265062	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84379	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	122630	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.93	69	125244	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.59	63	170301	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.69	46	277806	40.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.02%
24) Chloroform-d	5.11	84	236709	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.75	65	149553	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.77	84	469393	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.73	67	174117	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.94	98	390009	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.21	79	60469	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.68	63	349462	65.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.14%#
57) 1,1,2,2-Tetrachloroethane-	10.79	84	153229	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	103792	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

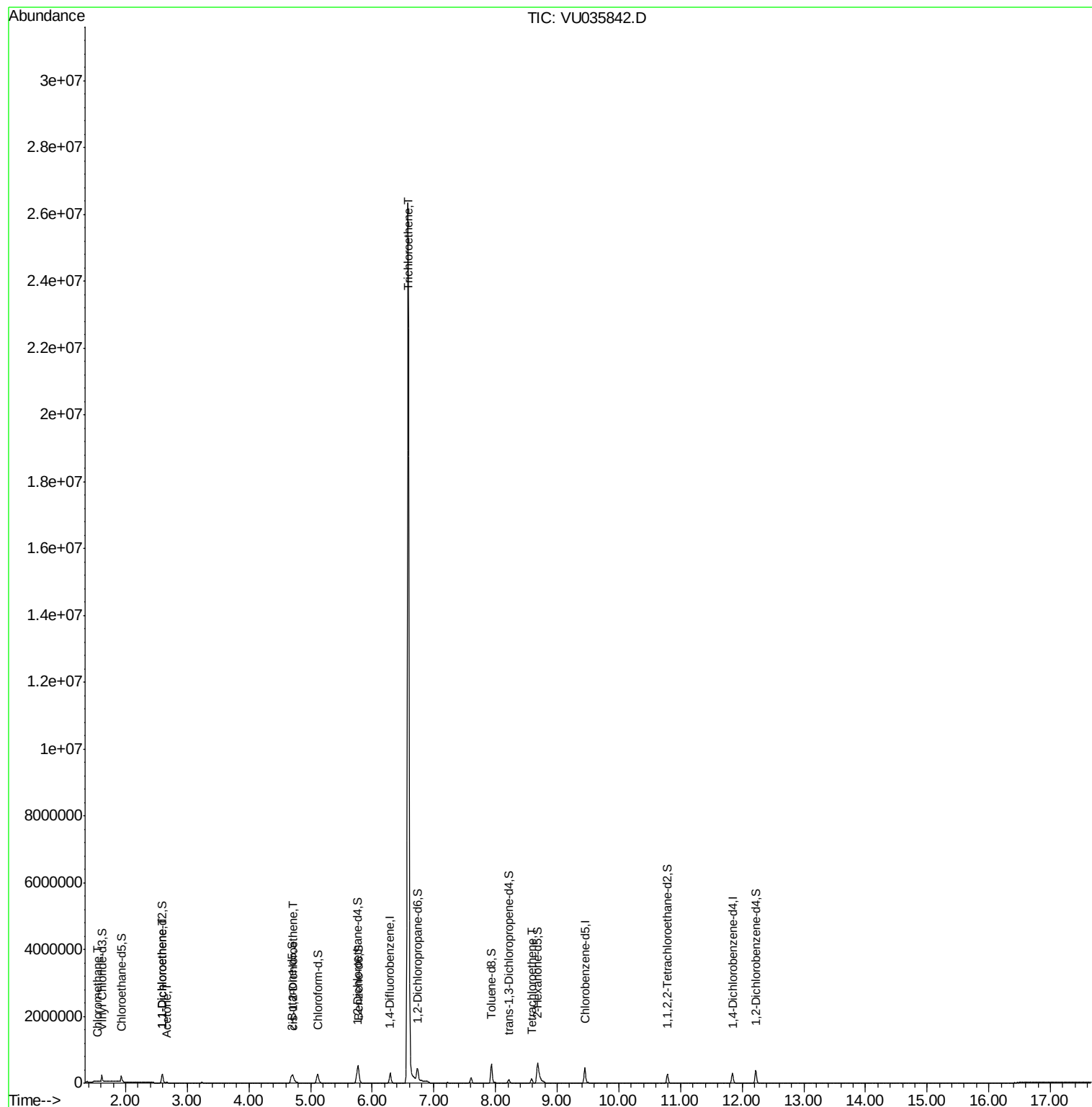
					Ovalue
3) Chloromethane	1.54	50	8845	0.231 ug/L	99
12) 1,1-Dichloroethene	2.61	96	10407	0.436 ug/L #	1
13) Acetone	2.67	43	19784	3.245 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	37171	1.418 ug/L	98
34) Trichloroethene	6.58	95	9177668	338.322 ug/L	99
47) Tetrachloroethene	8.58	164	29892	1.448 ug/L	85

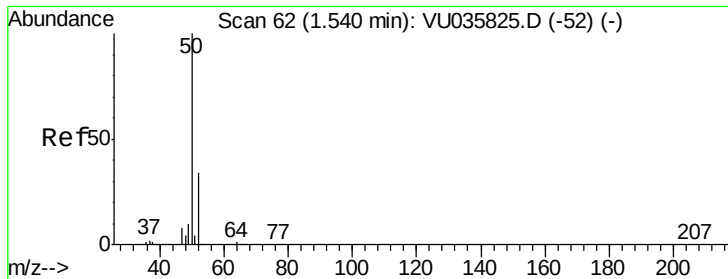
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.231 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

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Acq: 25 Nov 2019 22:58

Instrument :

MSVOA_U

ClientSampleId :

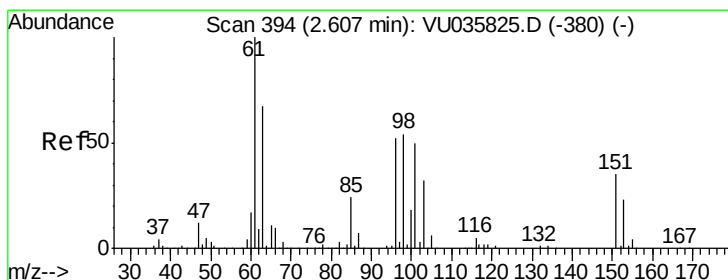
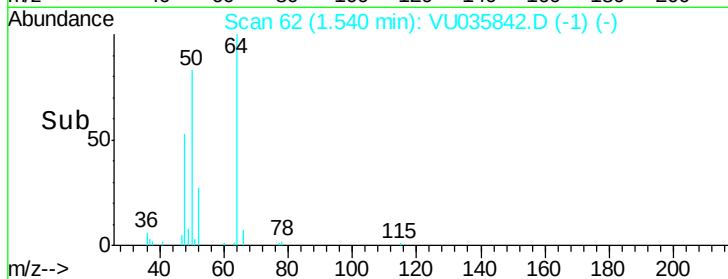
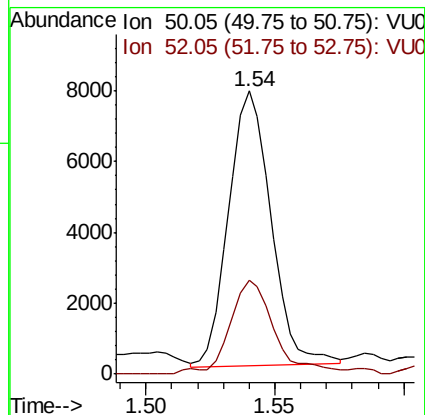
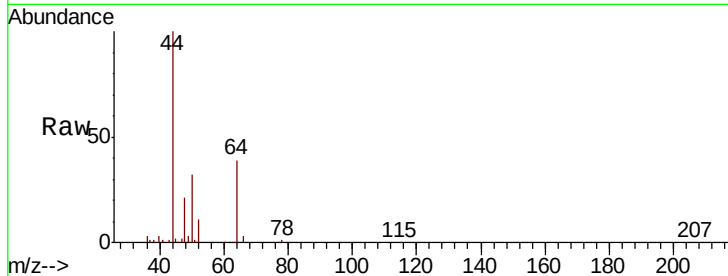
GARF4

Tot Ion: 50 Resp: 8845

Ion Ratio Lower Upper

50 100

52 33.1 22.7 42.3



#12

1,1-Dichloroethene

Concen: 0.436 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035842.D

Acq: 25 Nov 2019 22:58

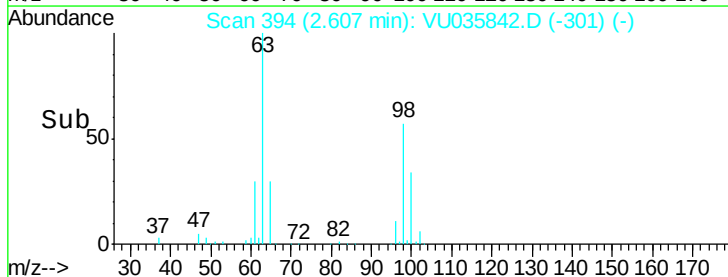
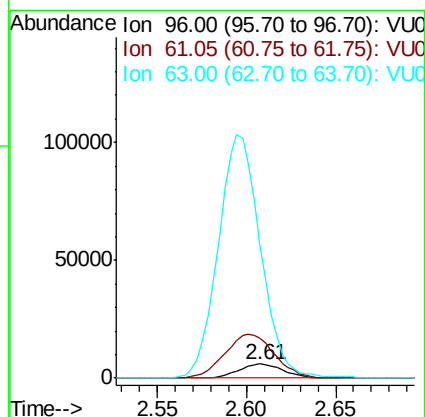
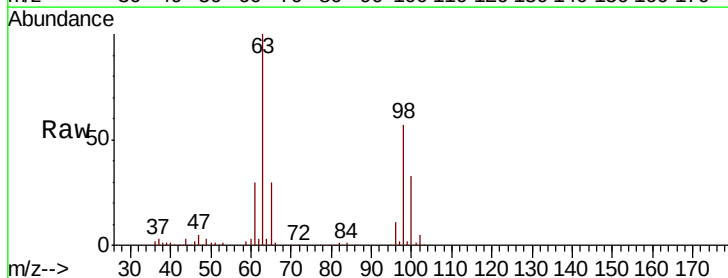
Tgt Ion: 96 Resp: 10407

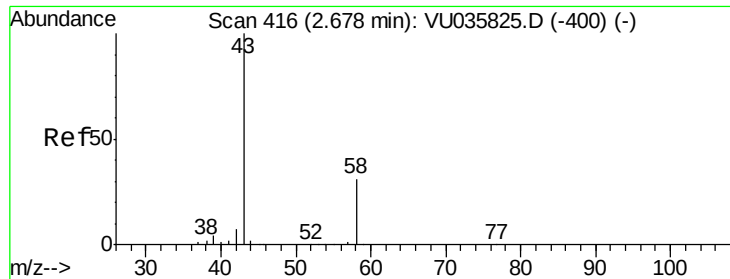
Ion Ratio Lower Upper

96 100

61 278.5 139.3 258.7#

63 935.1 93.7 174.1#





#13

Acetone

Concen: 3.245 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035842.D

Acq: 25 Nov 2019 22:58

Instrument :

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ClientSampleId :

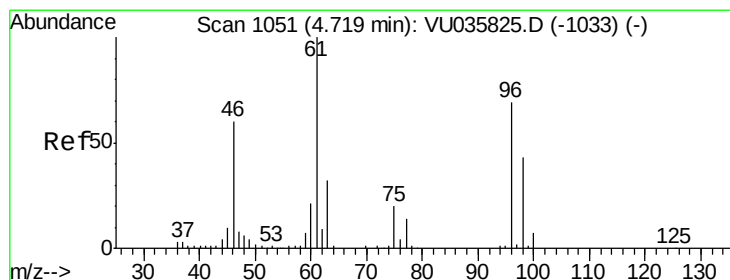
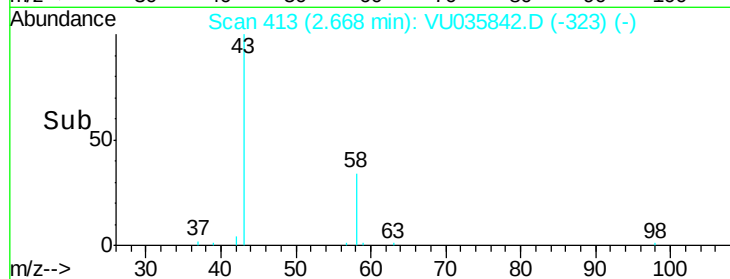
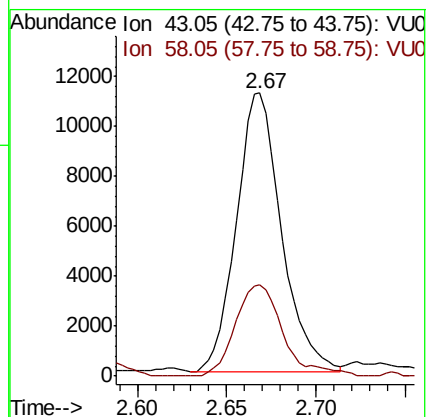
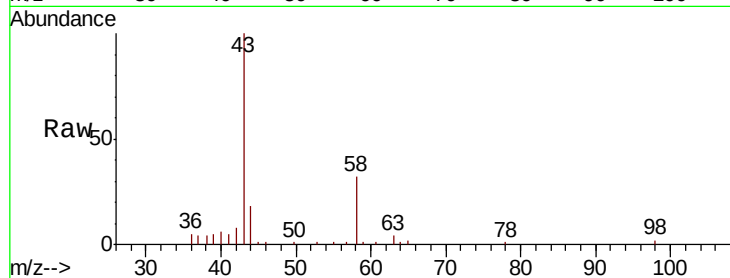
GARF4

Tot Ion: 43 Resp: 19784

Ion Ratio Lower Upper

43 100

58 34.3 0.0 61.2



#22

cis-1,2-Dichloroethene

Concen: 1.418 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VU035842.D

Acq: 25 Nov 2019 22:58

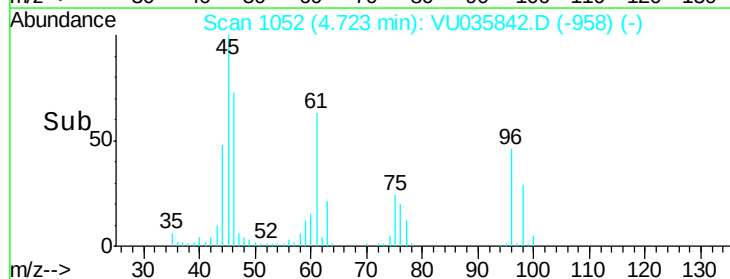
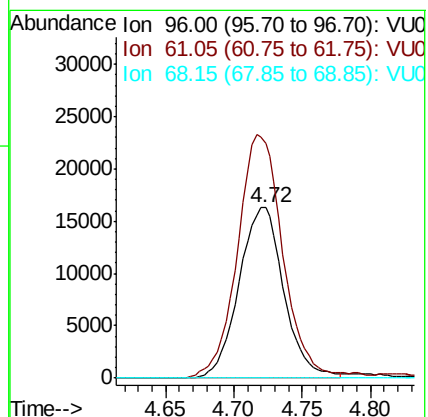
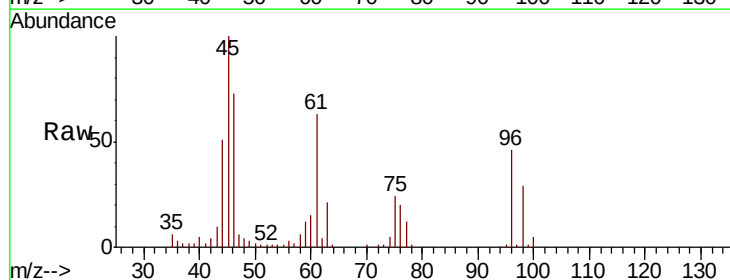
Tgt Ion: 96 Resp: 37171

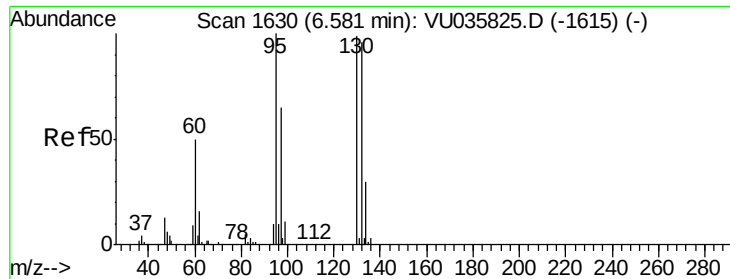
Ion Ratio Lower Upper

96 100

61 137.3 98.1 182.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 338.322 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035842.D

Acq: 25 Nov 2019 22:58

Instrument :

MSVOA_U

ClientSampleId :

GARF4

Tot Ion: 95 Resp: 9177668

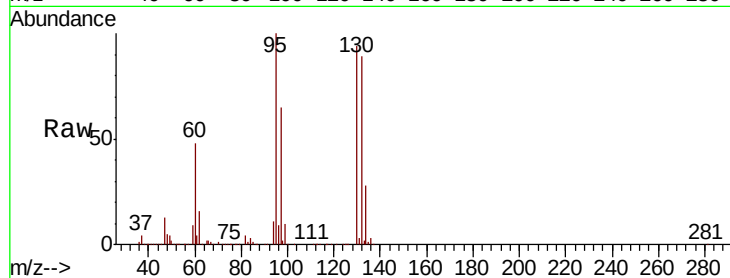
Ion Ratio Lower Upper

95 100

97 64.6 45.1 83.9

132 89.3 61.9 114.9

130 93.6 66.3 123.1

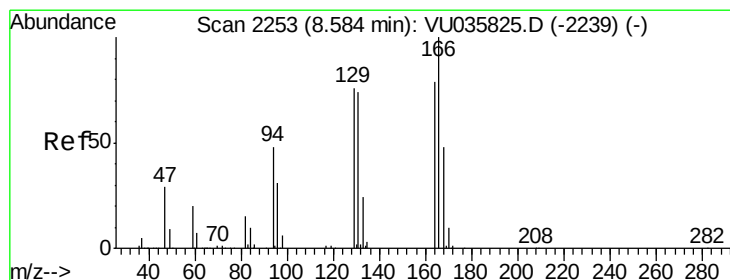
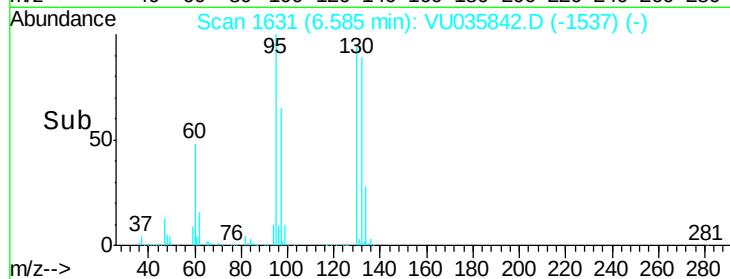
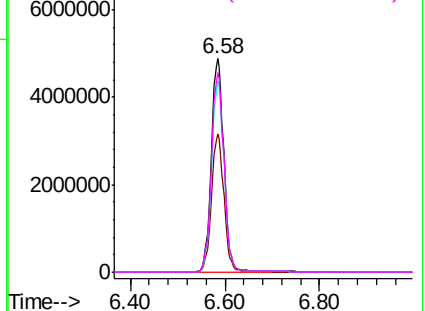


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 1.448 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035842.D

Acq: 25 Nov 2019 22:58

Tgt Ion:164 Resp: 29892

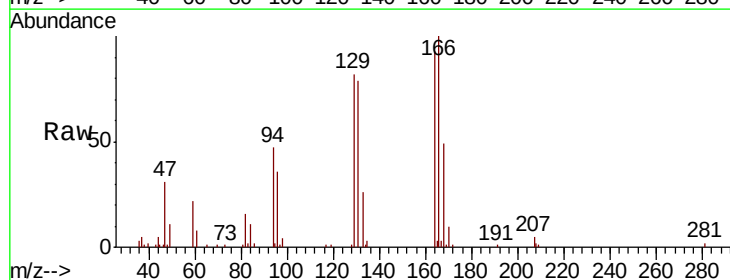
Ion Ratio Lower Upper

164 100

129 87.8 68.8 127.8

131 84.7 67.3 124.9

166 107.0 91.6 170.2



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

