

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U0102219\
 Data File : VU035368.D
 Acq On : 22 Oct 2019 17:09
 Operator : JC/SP
 Sample : K5461-17DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G68DL

Quant Time: Oct 23 08:15:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:02:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	275184	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	272446	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	94986	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99021	5.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.00%
7) Chloroethane-d5	1.93	69	90669	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.59	63	132999	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	4.70	46	250659	51.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.96%
24) Chloroform-d	5.11	84	165954	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.75	65	92724	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.77	84	334260	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.74	67	112160	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.93	98	289434	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.22	79	42749	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.68	63	191065	45.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.26%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	90374	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	90291	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

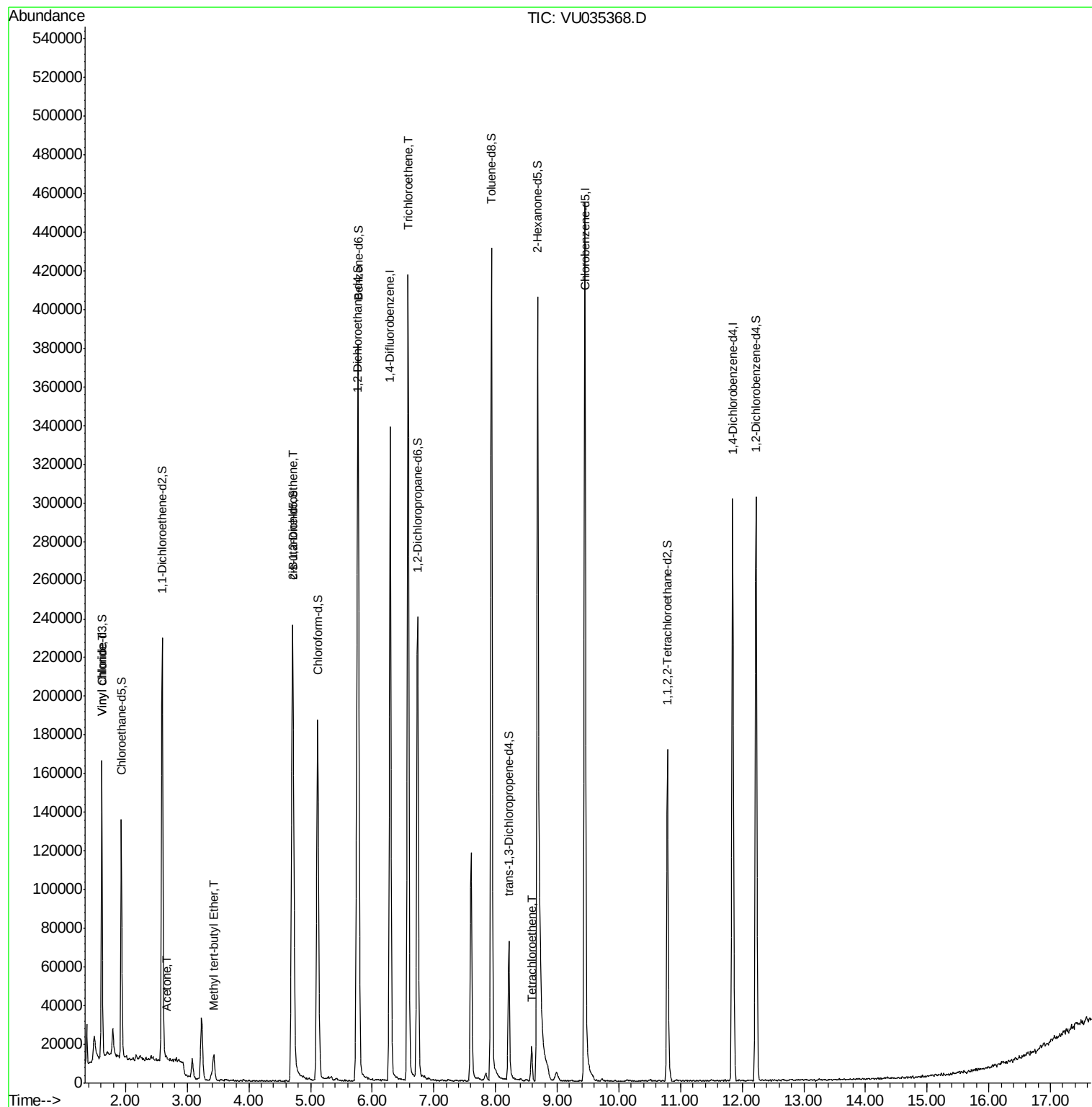
					Ovalue
5) Vinyl chloride	1.62	62	5413	0.227 ug/L #	1
13) Acetone	2.67	43	3340	0.996 ug/L	86
17) Methyl tert-butyl Ether	3.43	73	14054	0.295 ug/L #	94
22) cis-1,2-Dichloroethene	4.72	96	47342	2.245 ug/L	98
34) Trichloroethene	6.58	95	141870	6.583 ug/L	95
47) Tetrachloroethene	8.59	164	4033	0.225 ug/L	96

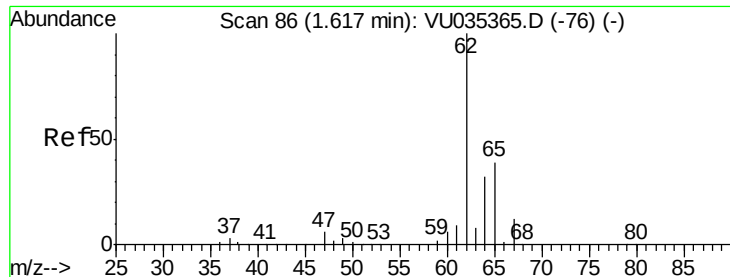
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.227 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU035368.D

Acq: 22 Oct 2019 17:09

Instrument :

MSVOA_U

ClientSampleId :

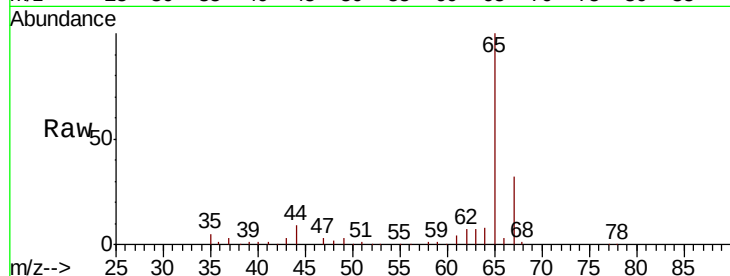
H0G68DL

Tot Ion: 62 Resp: 5413

Ion Ratio Lower Upper

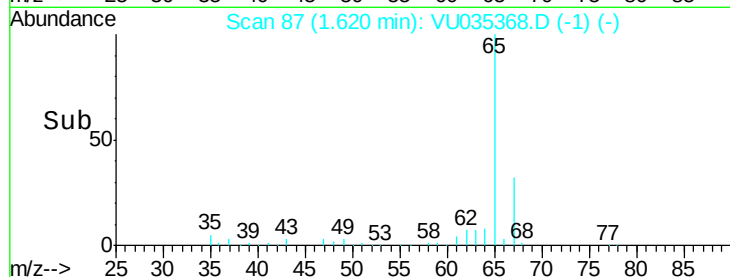
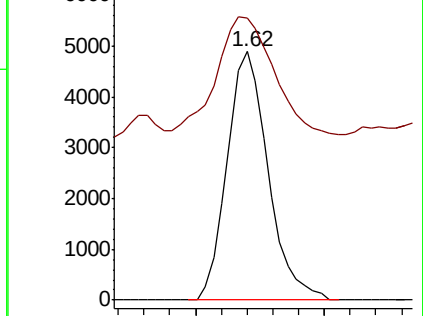
62 100

64 113.8 22.9 42.5#

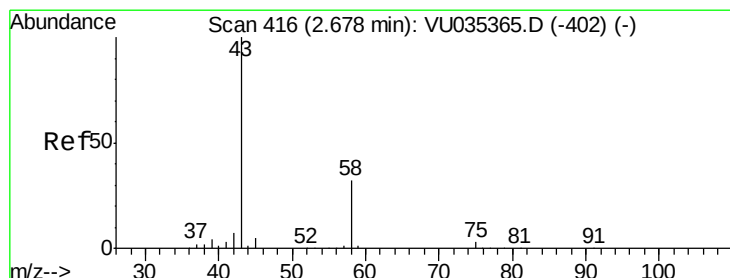


Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



Time-->



#13

Acetone

Concen: 0.996 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU035368.D

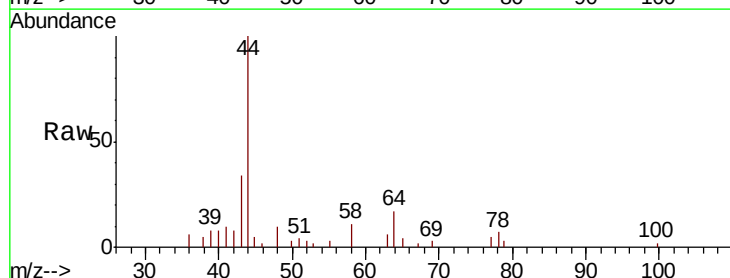
Acq: 22 Oct 2019 17:09

Tgt Ion: 43 Resp: 3340

Ion Ratio Lower Upper

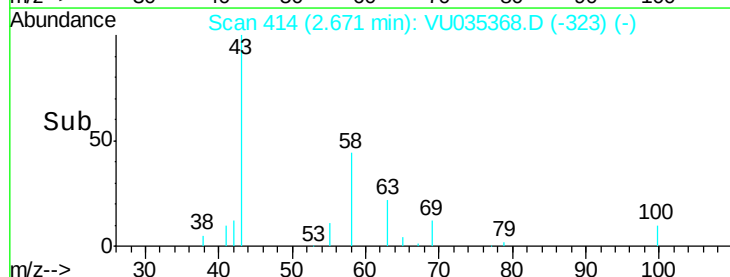
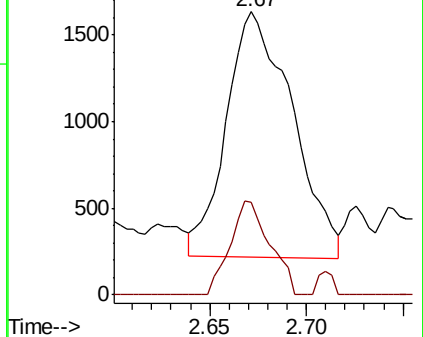
43 100

58 23.1 0.0 61.8

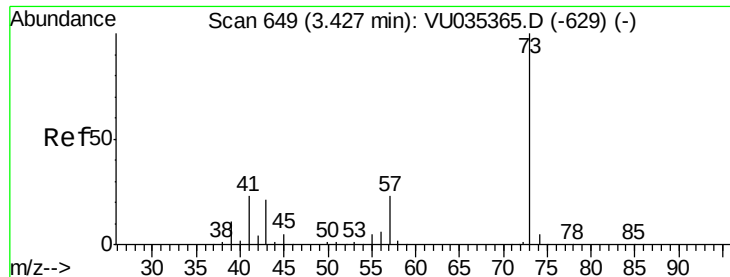


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



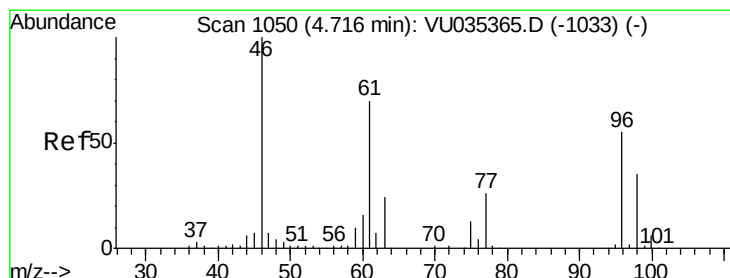
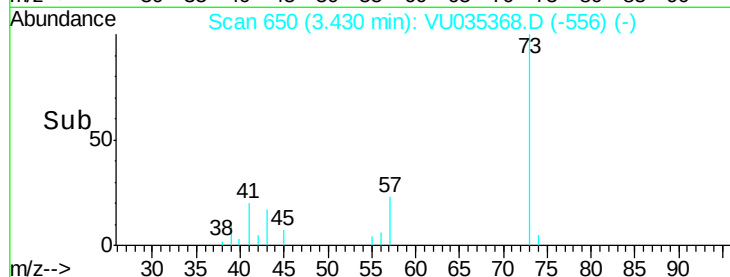
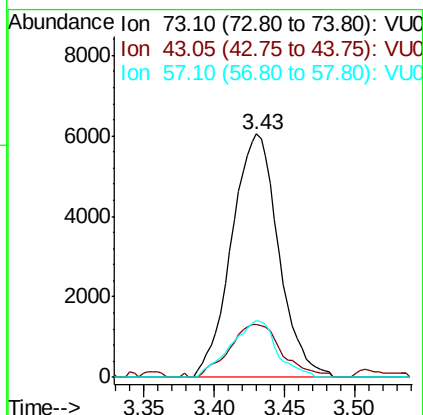
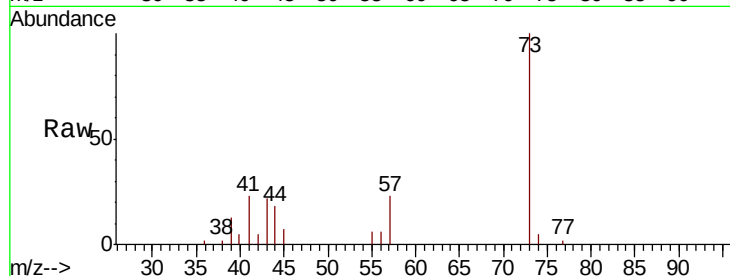
Time-->



#17
Methyl tert-butyl Ether
Concen: 0.295 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035368.D
Acq: 22 Oct 2019 17:09

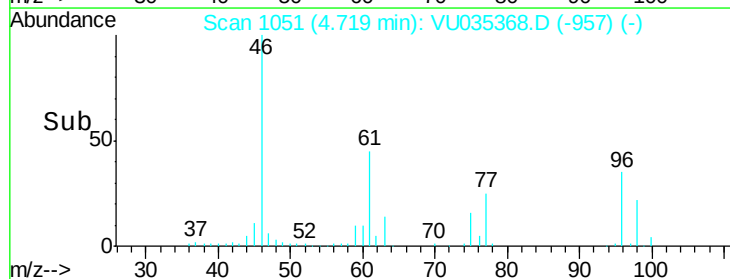
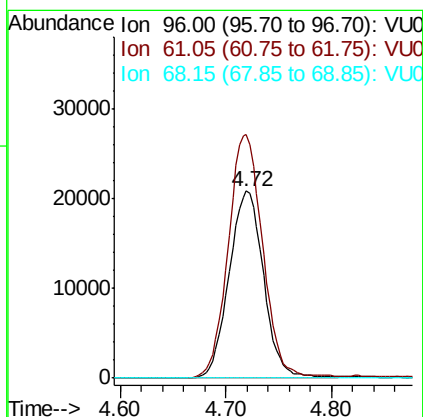
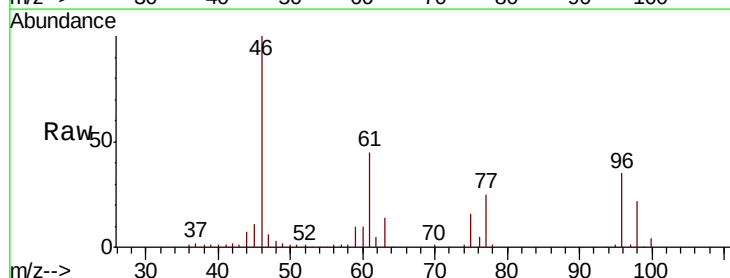
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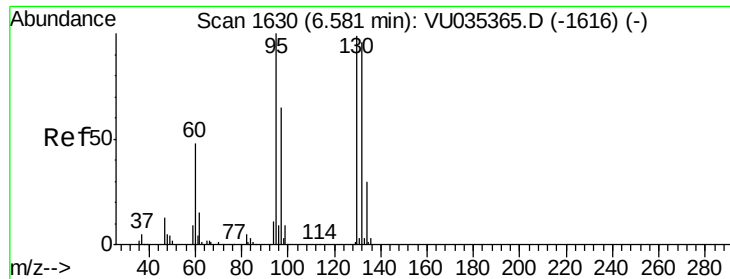
Tot Ion: 73 Resp: 14054
Ion Ratio Lower Upper
73 100
43 24.4 16.0 24.0#
57 23.0 17.4 26.2



#22
cis-1,2-Dichloroethene
Concen: 2.245 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035368.D
Acq: 22 Oct 2019 17:09

Tgt Ion: 96 Resp: 47342
Ion Ratio Lower Upper
96 100
61 130.2 89.7 166.5
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 6.583 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035368.D

Acq: 22 Oct 2019 17:09

Instrument :

MSVOA_U

ClientSampleId :

H0G68DL

Tot Ion: 95 Resp: 141870

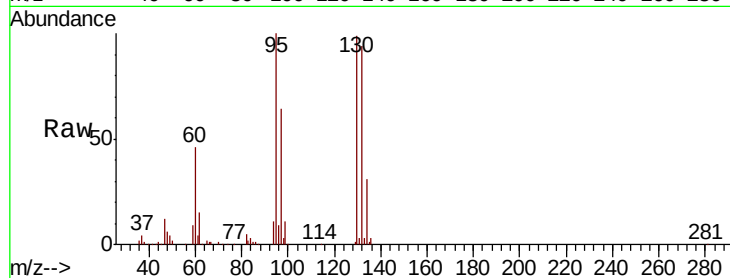
Ion Ratio Lower Upper

95 100

97 63.9 46.6 86.6

132 94.3 68.7 127.7

130 98.9 73.9 137.3



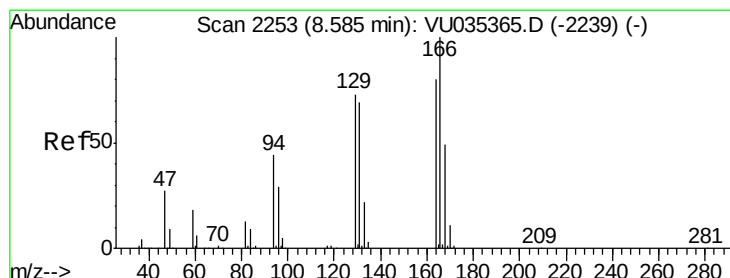
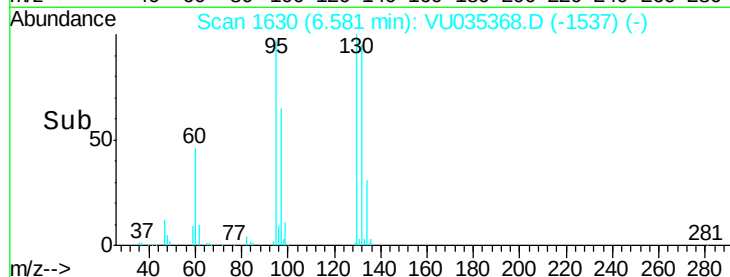
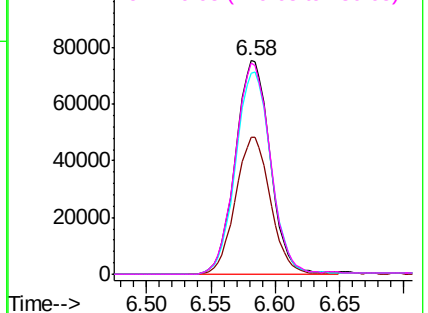
Abundance

Ion 95.00 (94.70 to 95.70): VU035368.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035368.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035368.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035368.D (-1537) (-)



#47

Tetrachloroethene

Concen: 0.225 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU035368.D

Acq: 22 Oct 2019 17:09

Tgt Ion: 164 Resp: 4033

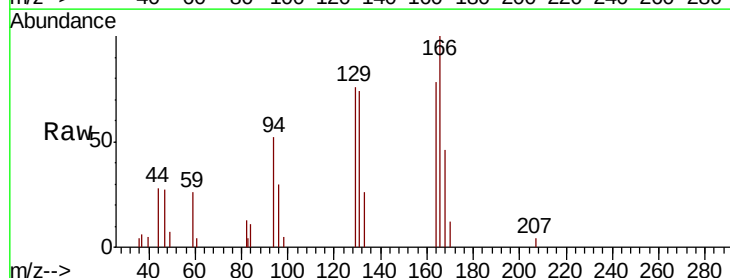
Ion Ratio Lower Upper

164 100

129 97.9 65.2 121.0

131 95.0 62.9 116.9

166 129.0 91.5 169.9



Abundance

Ion 163.90 (163.60 to 164.60): VU035368.D (-2160) (-)

Ion 128.95 (128.65 to 129.65): VU035368.D (-2160) (-)

Ion 130.95 (130.65 to 131.65): VU035368.D (-2160) (-)

Ion 165.90 (165.60 to 166.60): VU035368.D (-2160) (-)

