

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111519\
 Data File : VU035731.D
 Acq On : 15 Nov 2019 17:06
 Operator : JC/SP
 Sample : K5856-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQH1

Quant Time: Nov 16 02:57:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 16 01:36:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	217884	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	246406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	81434	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	90281	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.94	69	86652	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.59	63	120324	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.70	46	240619	48.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.18%
24) Chloroform-d	5.11	84	177119	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.75	65	95385	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.77	84	337018	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.74	67	119197	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.93	98	271535	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	8.22	79	39350	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.70	63	165278	42.11	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.22%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	98236	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	80812	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

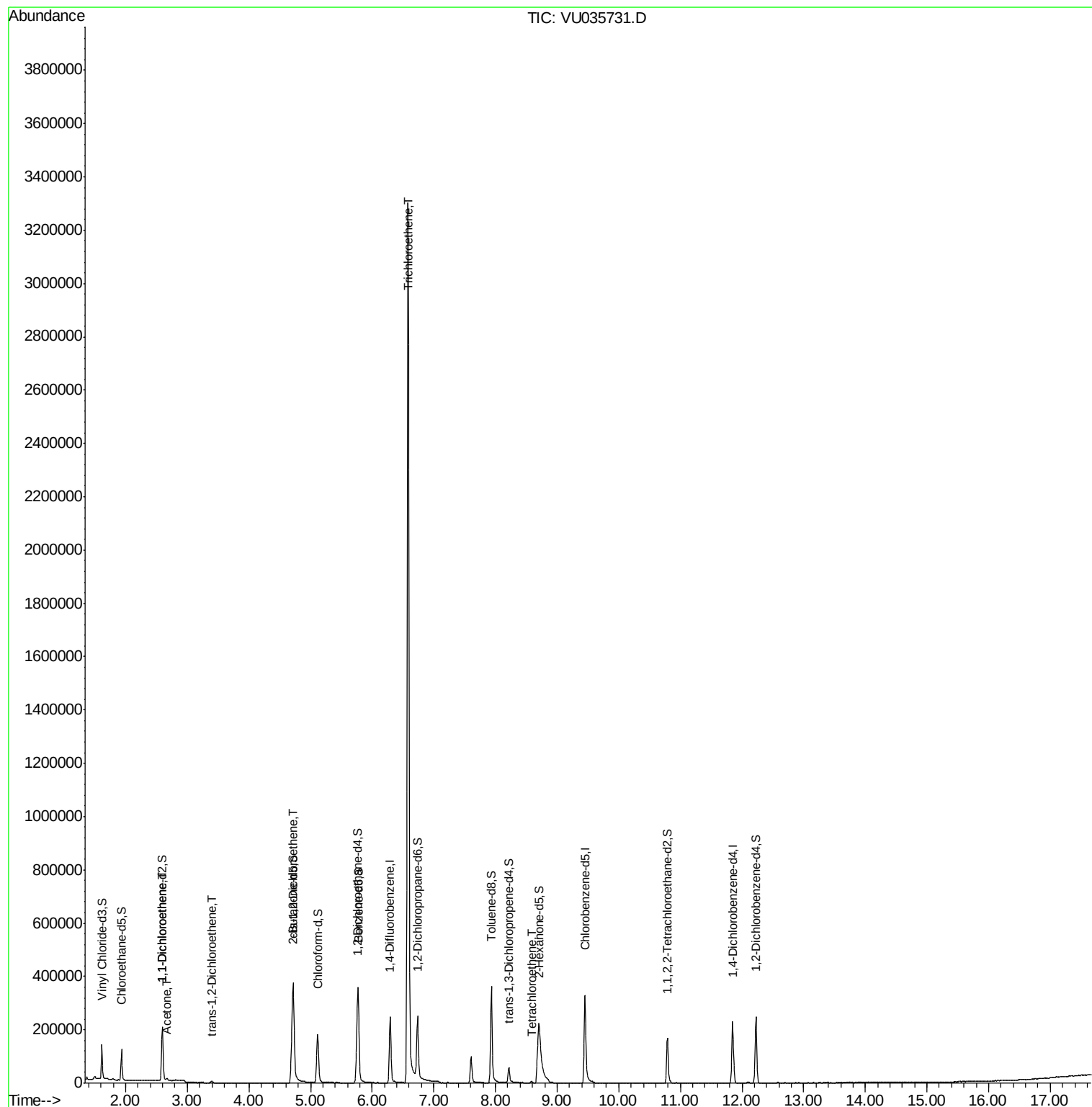
					Ovalue
12) 1,1-Dichloroethene	2.61	96	7564	0.395 ug/L	# 1
13) Acetone	2.67	43	6404	1.794 ug/L	88
18) trans-1,2-Dichloroethene	3.39	96	3067	0.155 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	159310	7.312 ug/L	96
34) Trichloroethene	6.58	95	1176909	53.032 ug/L	98
47) Tetrachloroethene	8.59	164	1924	0.099 ug/L	84

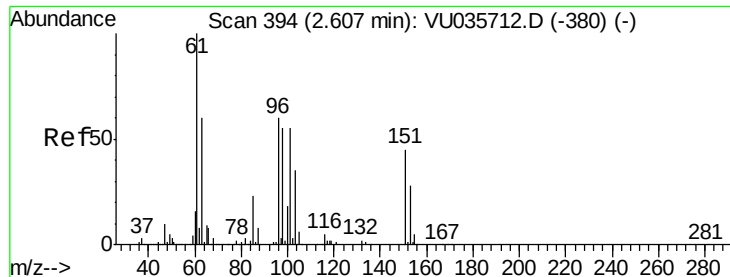
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.395 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035731.D

Acq: 15 Nov 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

GAQH1

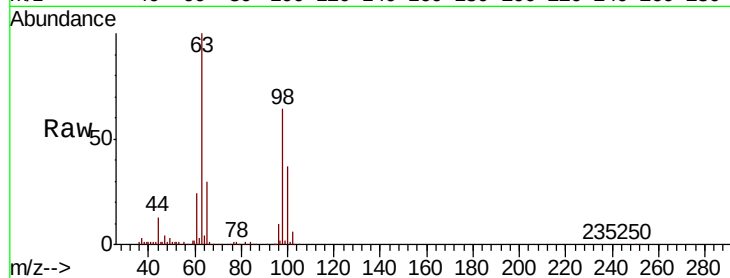
Tot Ion: 96 Resp: 7564

Ion Ratio Lower Upper

96 100

61 239.8 123.1 228.5#

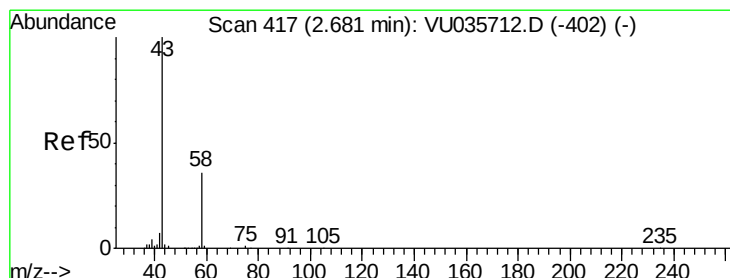
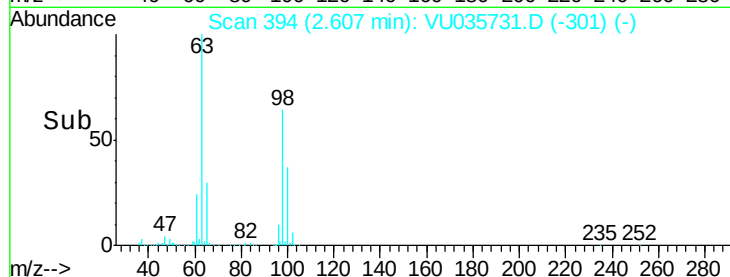
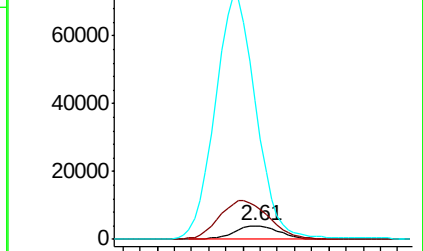
63 996.8 87.8 163.0#



Abundance Ion 96.00 (95.70 to 96.70): VU035731.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU035731.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035731.D (-301) (-)



#13

Acetone

Concen: 1.794 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU035731.D

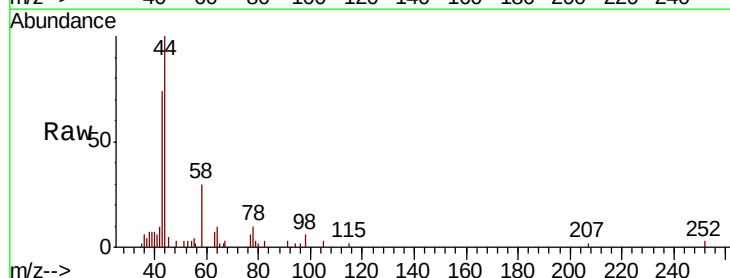
Acq: 15 Nov 2019 17:06

Tgt Ion: 43 Resp: 6404

Ion Ratio Lower Upper

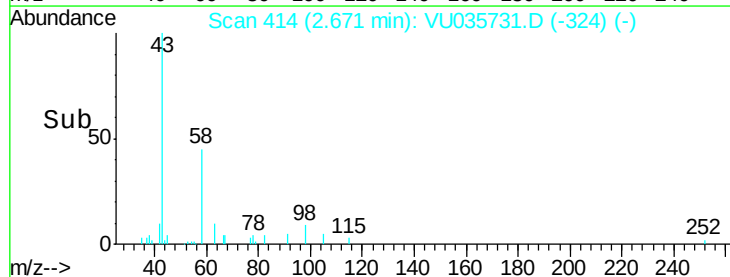
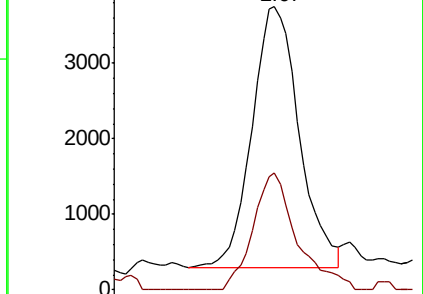
43 100

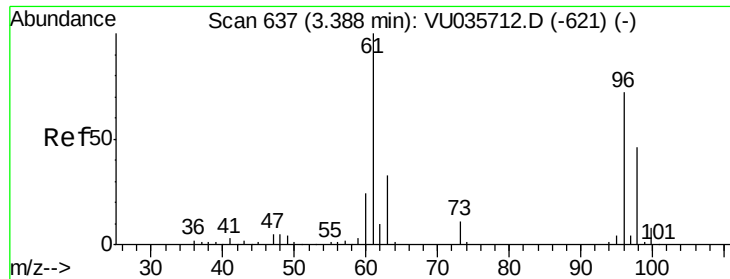
58 41.7 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035731.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU035731.D (-324) (-)

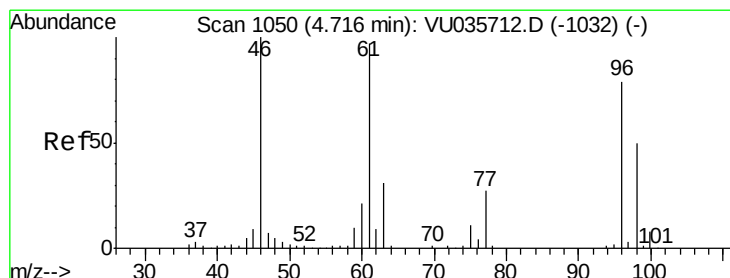
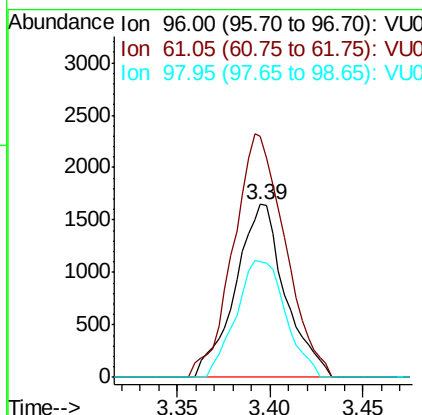
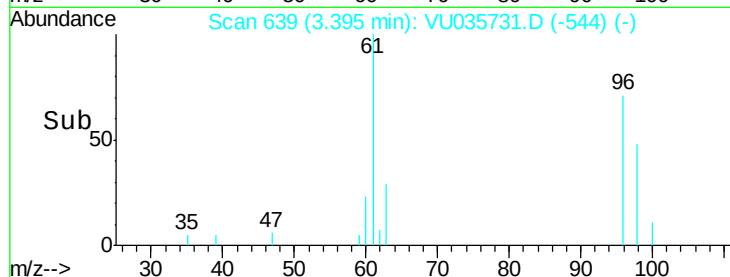
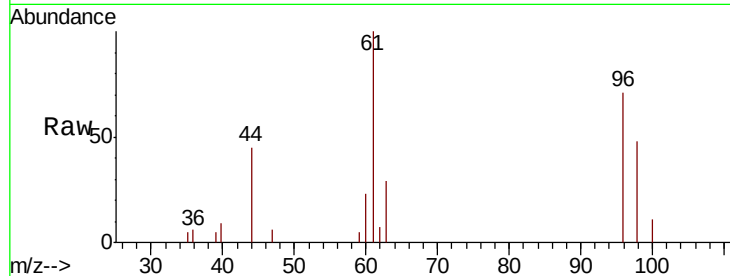




#18
 trans-1,2-Dichloroethene
 Concen: 0.155 ug/L
 RT: 3.39 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VU035731.D
 Acq: 15 Nov 2019 17:06

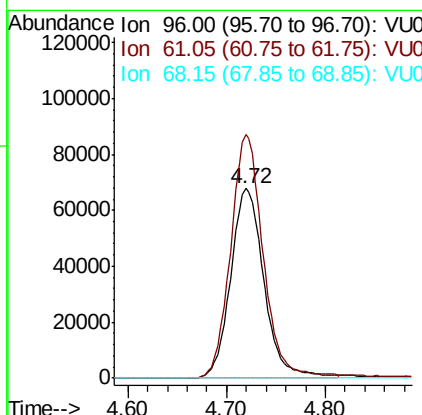
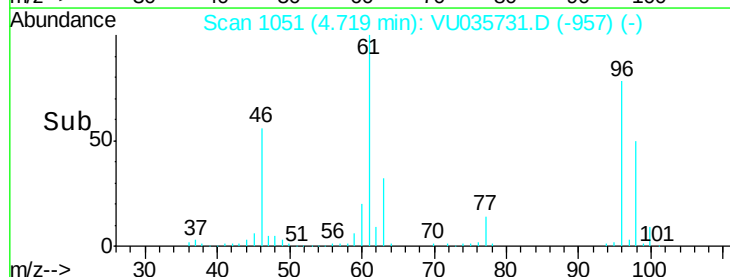
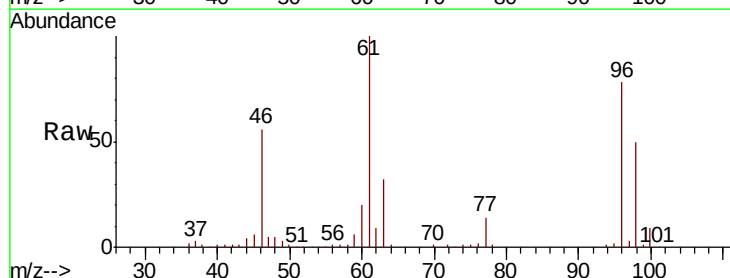
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 GAQH1

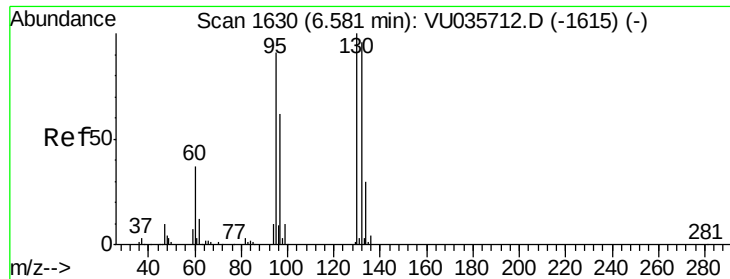
Tot Ion: 96 Resp: 3067
 Ion Ratio Lower Upper
 96 100
 61 139.9 95.0 176.4
 98 67.2 42.5 78.9



#22
 cis-1,2-Dichloroethene
 Concen: 7.312 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035731.D
 Acq: 15 Nov 2019 17:06

Tgt Ion: 96 Resp: 159310
 Ion Ratio Lower Upper
 96 100
 61 128.5 87.0 161.6
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 53.032 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035731.D

Acq: 15 Nov 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

GAQH1

Tot Ion: 95 Resp: 1176909

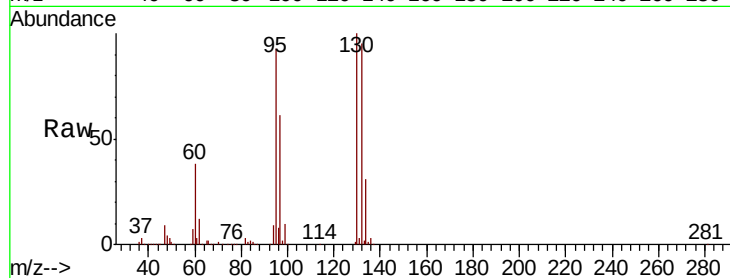
Ion Ratio Lower Upper

95 100

97 65.6 44.5 82.7

132 102.7 69.9 129.7

130 107.7 74.1 137.7



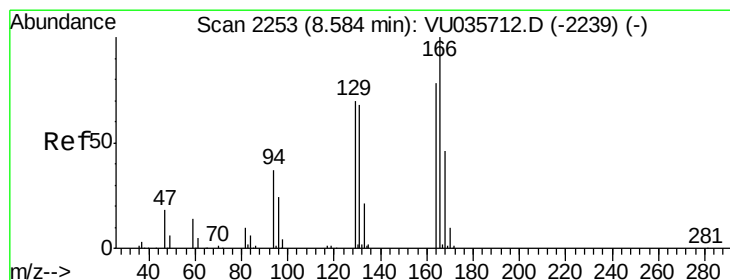
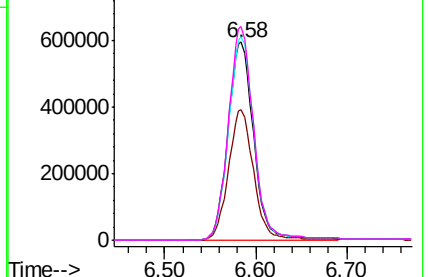
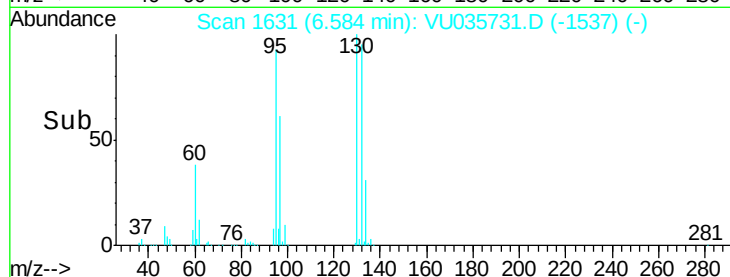
Abundance

Ion 95.00 (94.70 to 95.70): VU035731.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035731.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035731.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035731.D (-1537) (-)



#47

Tetrachloroethene

Concen: 0.099 ug/L

RT: 8.59 min Scan# 2255

Delta R.T. 0.01 min

Lab File: VU035731.D

Acq: 15 Nov 2019 17:06

Tgt Ion: 164 Resp: 1924

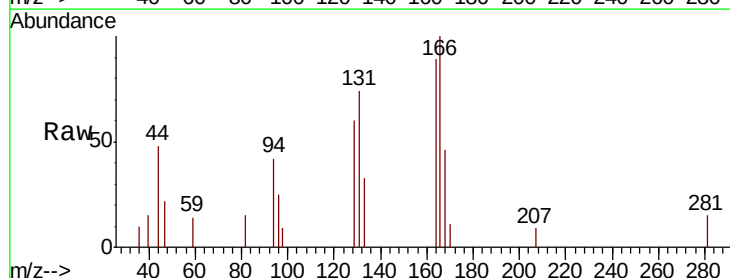
Ion Ratio Lower Upper

164 100

129 67.8 64.7 120.1

131 83.6 61.6 114.4

166 112.8 91.8 170.4



Abundance

Ion 163.90 (163.60 to 164.60): VU035731.D (-2160) (-)

Ion 128.95 (128.65 to 129.65): VU035731.D (-2160) (-)

Ion 130.95 (130.65 to 131.65): VU035731.D (-2160) (-)

Ion 165.90 (165.60 to 166.60): VU035731.D (-2160) (-)

