

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112919\
 Data File : VU035924.D
 Acq On : 29 Nov 2019 15:46
 Operator : JC/SP
 Sample : K6056-06DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE13DL

Quant Time: Nov 30 05:49:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 30 03:20:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	222806	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	262765	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	93639	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	125521	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.93	69	119810	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.59	63	201658	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.69	46	333918	49.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.14%
24) Chloroform-d	5.11	84	232352	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.75	65	127124	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.77	84	439783	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.73	67	153295	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.93	98	340036	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	8.21	79	51722	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.68	63	250061	47.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.66%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	127804	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	106706	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

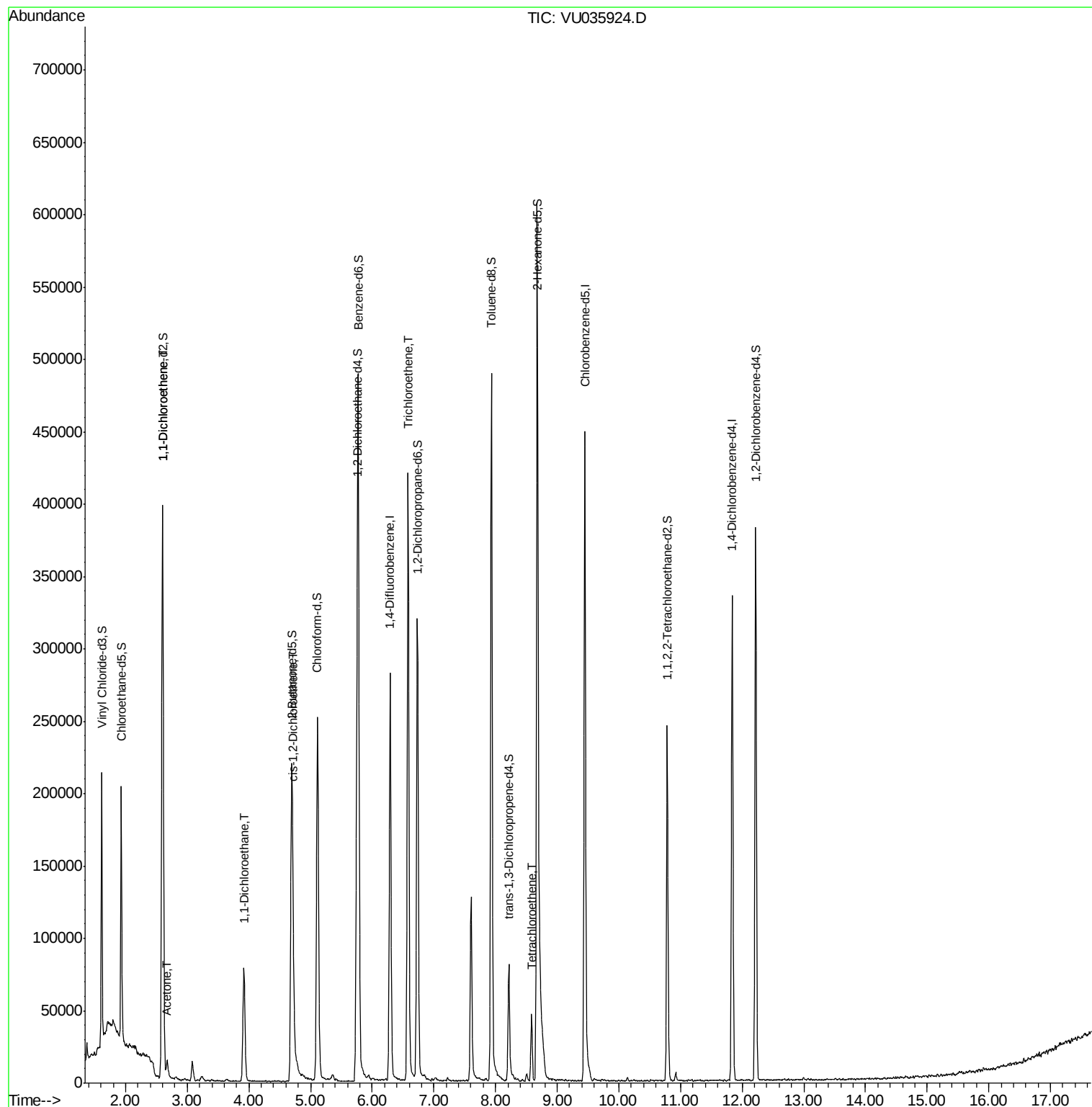
					Ovalue
12) 1,1-Dichloroethene	2.61	96	78985	3.407	ug/L 88
13) Acetone	2.67	43	14750	2.493	ug/L 95
19) 1,1-Dichloroethane	3.92	63	91637	1.787	ug/L 97
22) cis-1,2-Dichloroethene	4.72	96	9512	0.374	ug/L 99
34) Trichloroethene	6.58	95	146535	5.449	ug/L 98
47) Tetrachloroethene	8.58	164	10287	0.503	ug/L 93

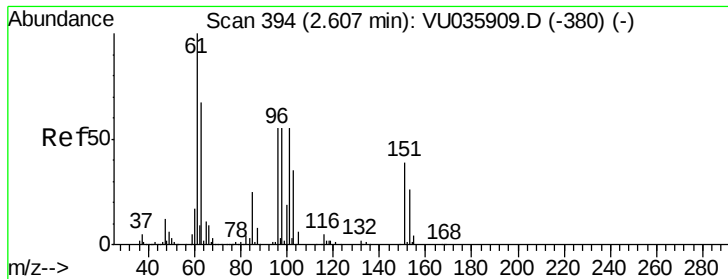
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 30 03:20:00 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.407 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035924.D

Acq: 29 Nov 2019 15:46

Instrument :

MSVOA_U

ClientSampleId :

BFE13DL

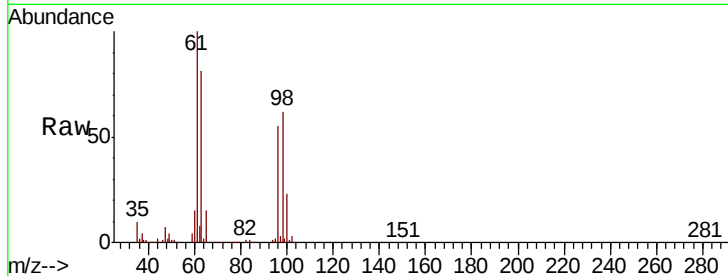
Tot Ion: 96 Resp: 78985

Ion Ratio Lower Upper

96 100

61 180.8 139.3 258.7

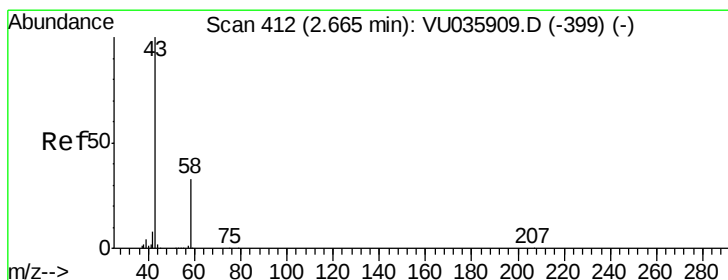
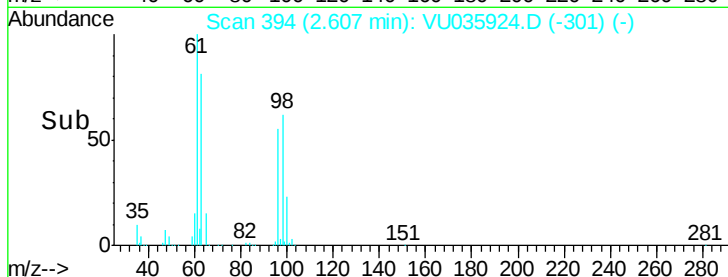
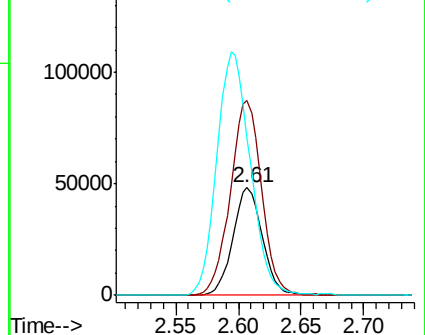
63 147.2 93.7 174.1



Abundance Ion 96.00 (95.70 to 96.70): VU035924.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU035924.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035924.D (-301) (-)



#13

Acetone

Concen: 2.493 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU035924.D

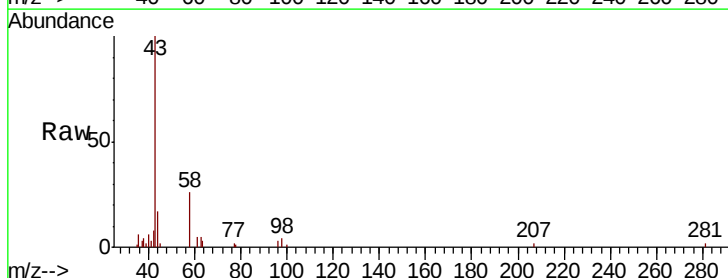
Acq: 29 Nov 2019 15:46

Tgt Ion: 43 Resp: 14750

Ion Ratio Lower Upper

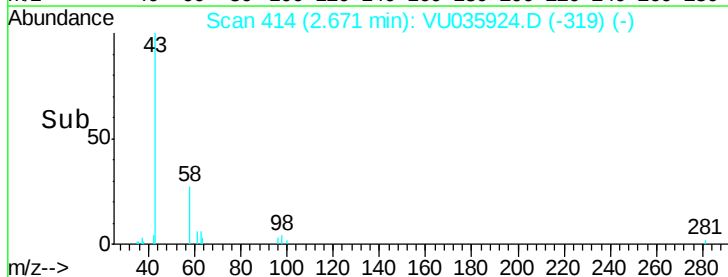
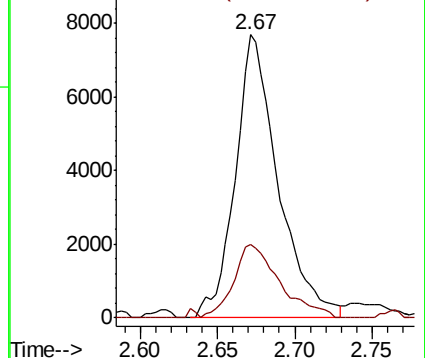
43 100

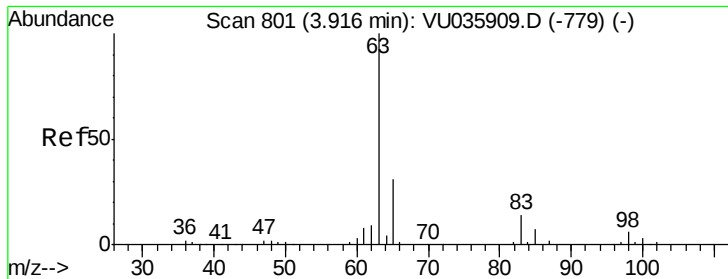
58 27.9 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035924.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU035924.D (-319) (-)

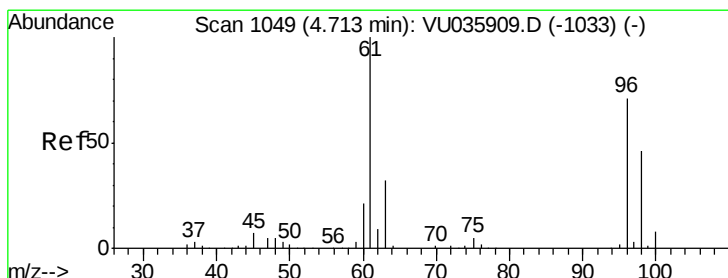
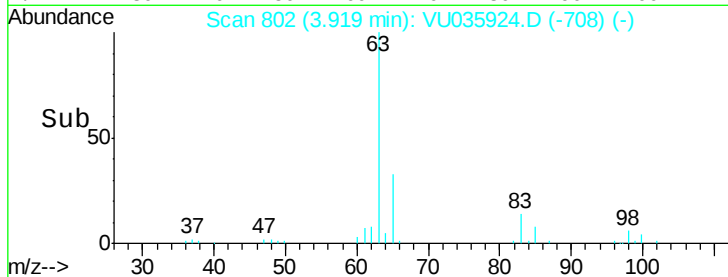
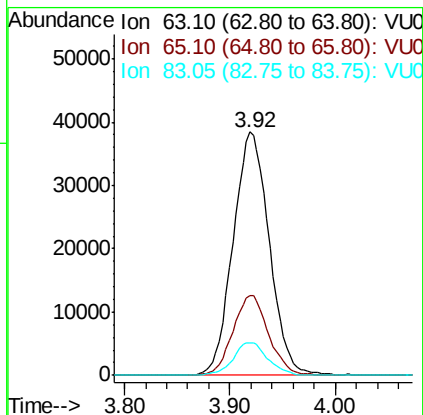
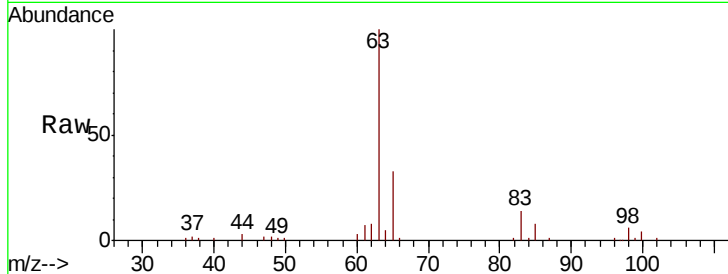




#19
 1,1-Dichloroethane
 Concen: 1.787 ug/L
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU035924.D
 Acq: 29 Nov 2019 15:46

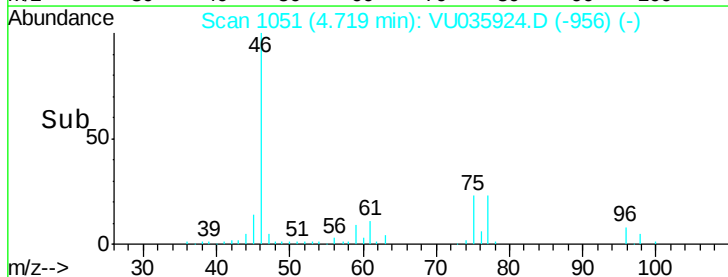
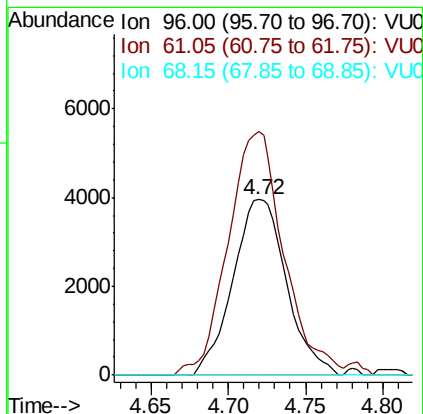
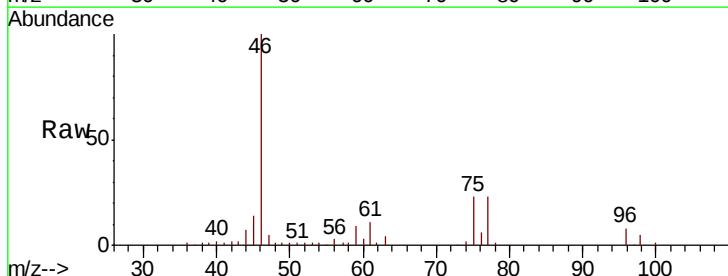
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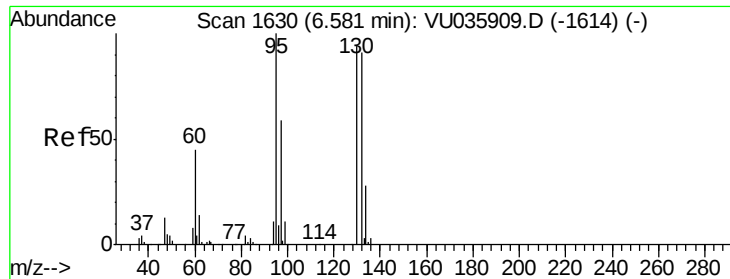
Tot Ion: 63 Resp: 91637
 Ion Ratio Lower Upper
 63 100
 65 32.9 21.8 40.4
 83 13.5 8.6 16.0



#22
 cis-1,2-Dichloroethene
 Concen: 0.374 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VU035924.D
 Acq: 29 Nov 2019 15:46

Tgt Ion: 96 Resp: 9512
 Ion Ratio Lower Upper
 96 100
 61 139.0 98.1 182.1
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 5.449 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035924.D

Acq: 29 Nov 2019 15:46

Instrument :

MSVOA_U

ClientSampleId :

BFE13DL

Tot Ion: 95 Resp: 146535

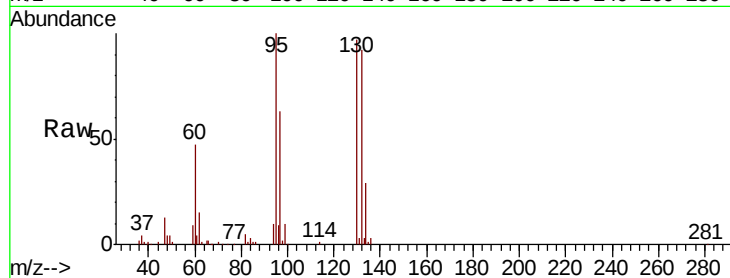
Ion Ratio Lower Upper

95 100

97 63.3 45.1 83.9

132 91.6 61.9 114.9

130 96.9 66.3 123.1

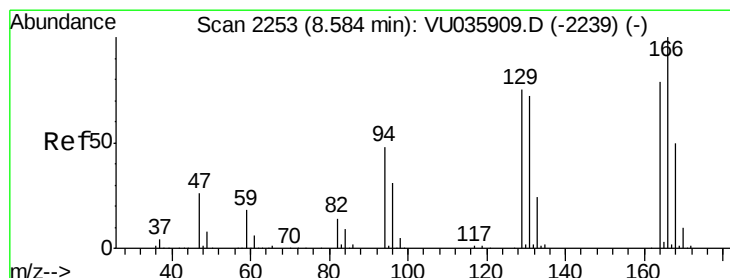
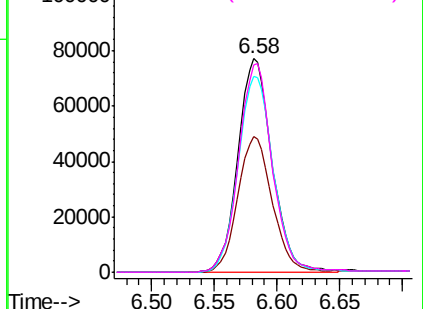
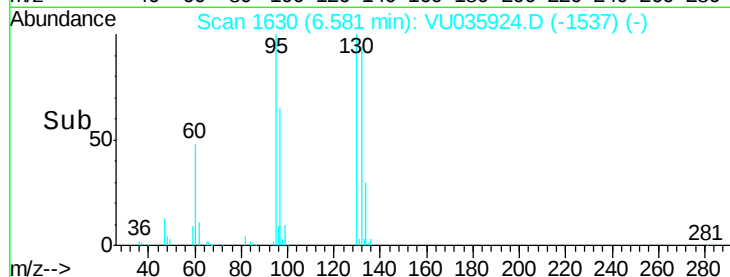


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.503 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035924.D

Acq: 29 Nov 2019 15:46

Tgt Ion: 164 Resp: 10287

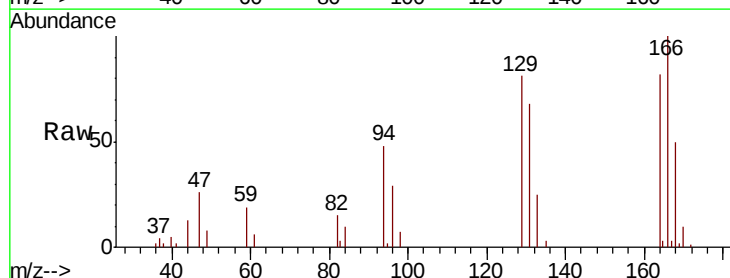
Ion Ratio Lower Upper

164 100

129 99.2 68.8 127.8

131 83.3 67.3 124.9

166 121.9 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

