

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035375.D
 Acq On : 22 Oct 2019 20:03
 Operator : JC/SP
 Sample : K5458-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0K33

Quant Time: Oct 23 10:17:34 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	246567	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	251178	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	83002	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	92350	6.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.80%
7) Chloroethane-d5	1.93	69	85230	6.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.00%
11) 1,1-Dichloroethene-d2	2.59	63	119910	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.71	46	230596	53.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.74%
24) Chloroform-d	5.11	84	151921	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	5.75	65	87639	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
32) Benzene-d6	5.77	84	308084	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.74	67	102548	5.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.40%
41) Toluene-d8	7.93	98	259652	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	8.22	79	36501	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.70	63	172466	44.18	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.36%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	86273	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.23	152	81181	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

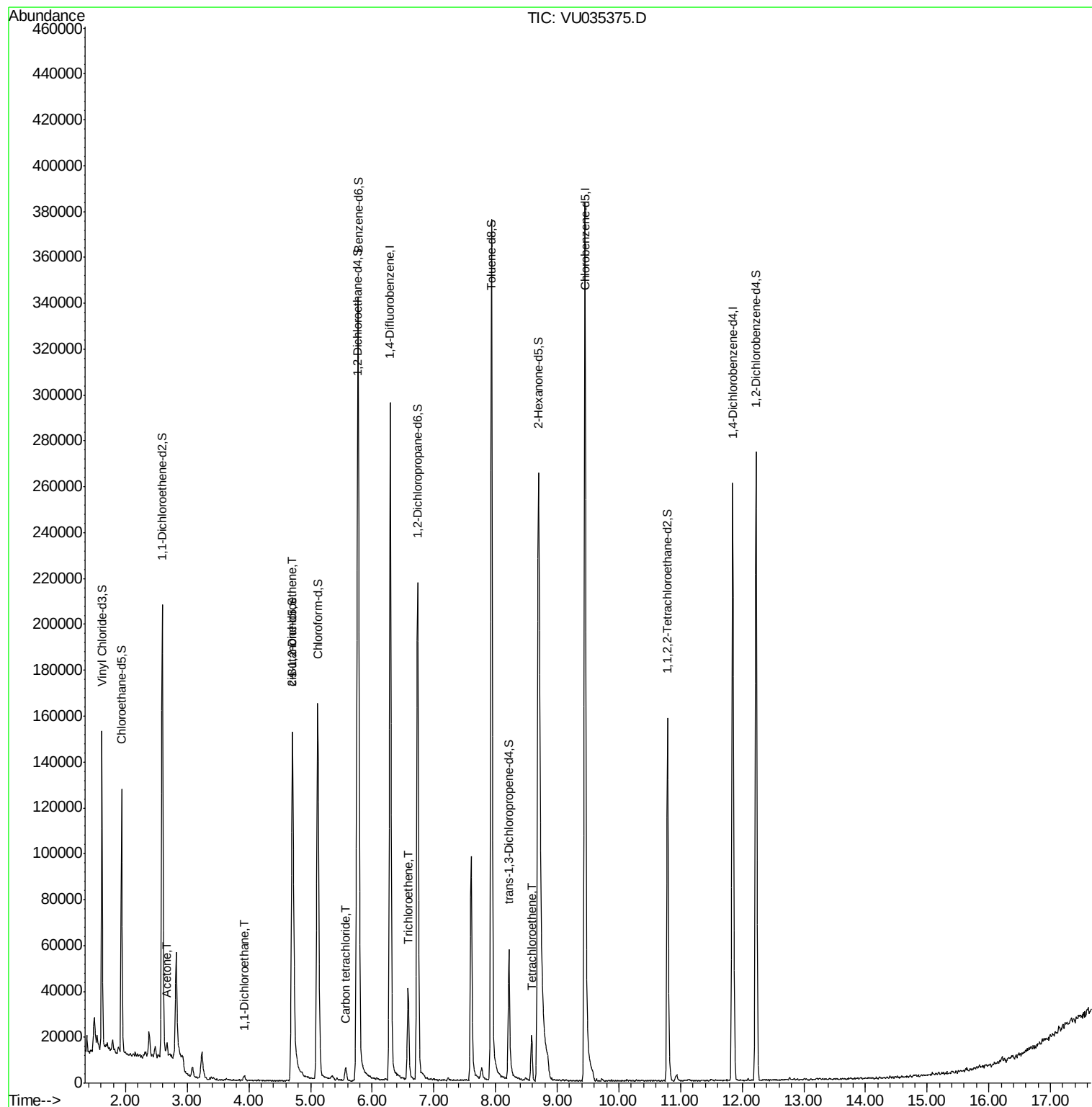
					Ovalue
13) Acetone	2.67	43	5727	1.906 ug/L	77
19) 1,1-Dichloroethane	3.92	63	3338	0.108 ug/L	90
22) cis-1,2-Dichloroethene	4.72	96	6978	0.369 ug/L	98
31) Carbon tetrachloride	5.57	117	3812	0.144 ug/L	97
34) Trichloroethene	6.58	95	13539	0.681 ug/L	96
47) Tetrachloroethene	8.58	164	5035	0.304 ug/L	95

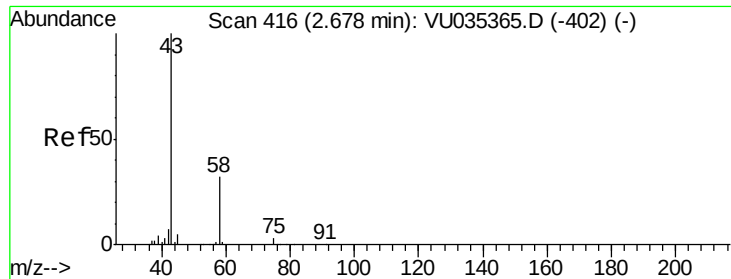
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.906 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

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ClientSampleId :

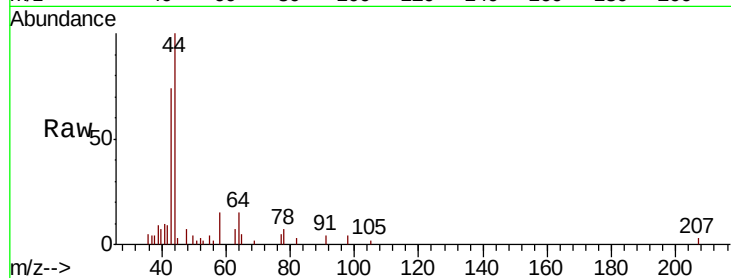
C0K33

Tot Ion: 43 Resp: 5727

Ion Ratio Lower Upper

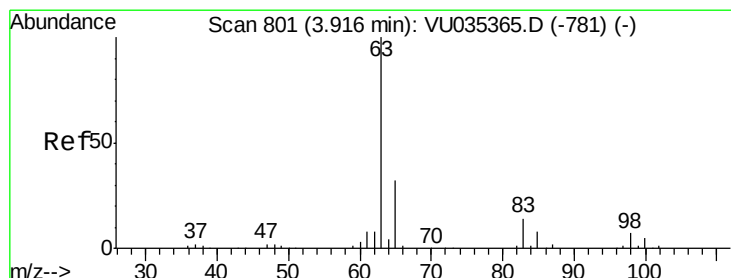
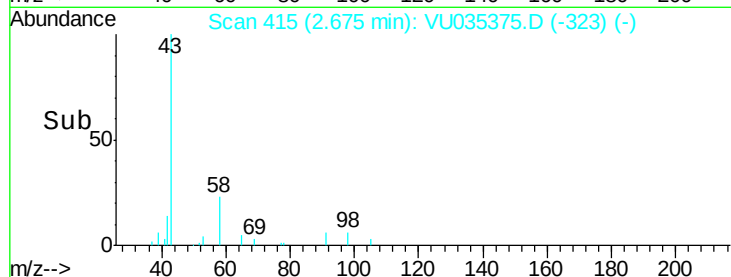
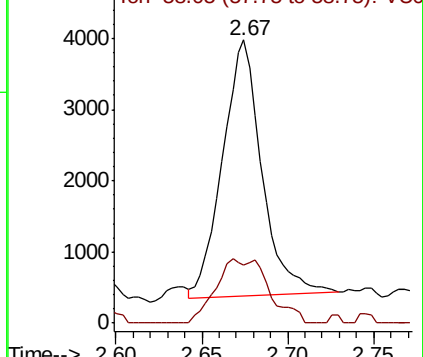
43 100

58 18.5 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#19

1,1-Dichloroethane

Concen: 0.108 ug/L

RT: 3.92 min Scan# 803

Delta R.T. 0.01 min

Lab File: VU035375.D

Acq: 22 Oct 2019 20:03

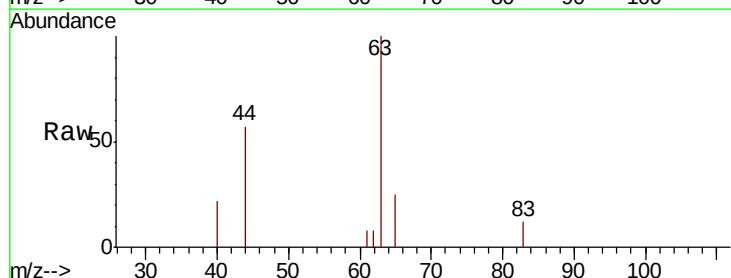
Tgt Ion: 63 Resp: 3338

Ion Ratio Lower Upper

63 100

65 24.9 22.4 41.6

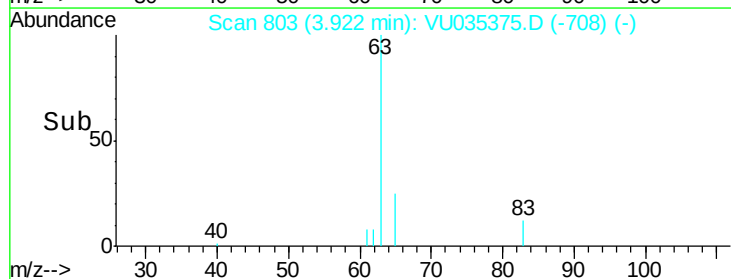
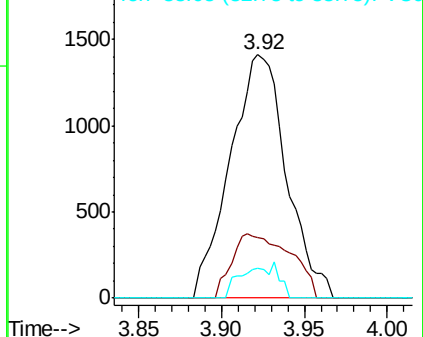
83 12.4 9.3 17.3

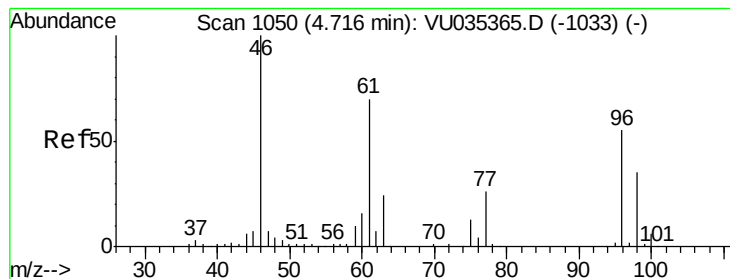


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.369 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU035375.D

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Instrument :

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C0K33

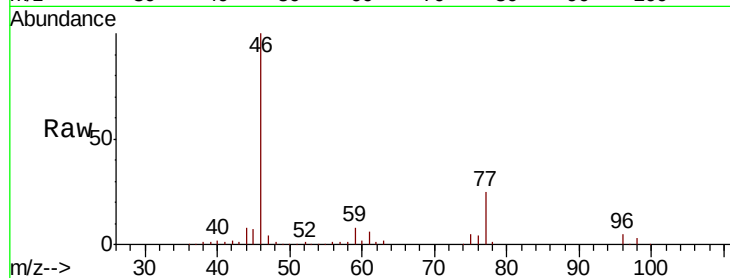
Tot Ion: 96 Resp: 6978

Ion Ratio Lower Upper

96 100

61 125.5 89.7 166.5

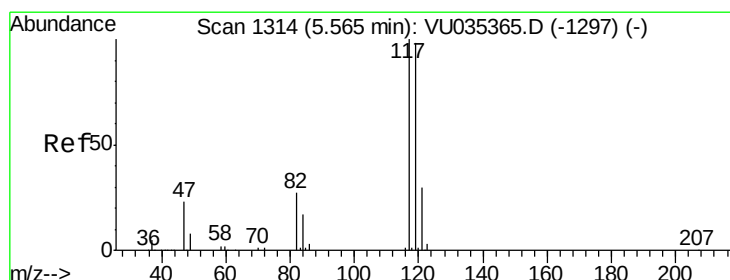
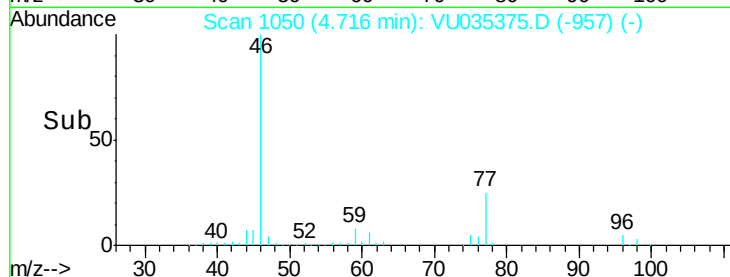
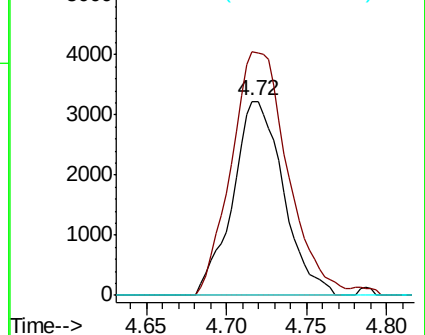
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035375.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035375.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035375.D (-957) (-)



#31

Carbon tetrachloride

Concen: 0.144 ug/L

RT: 5.57 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU035375.D

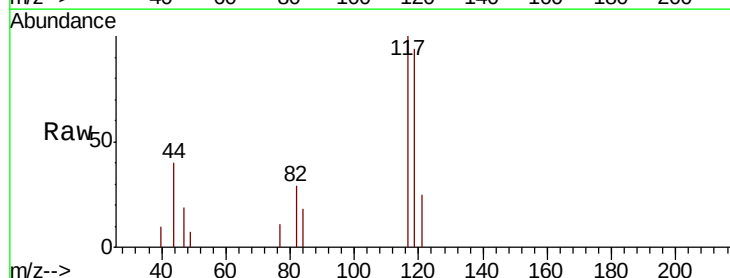
Acq: 22 Oct 2019 20:03

Tgt Ion: 117 Resp: 3812

Ion Ratio Lower Upper

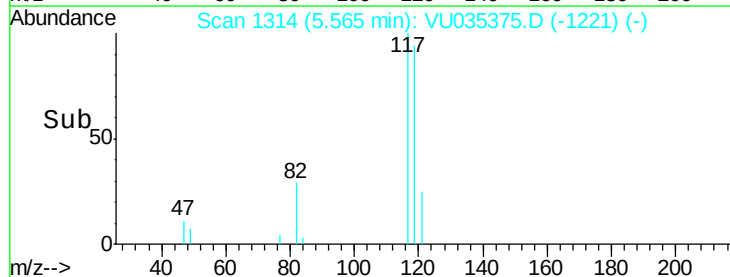
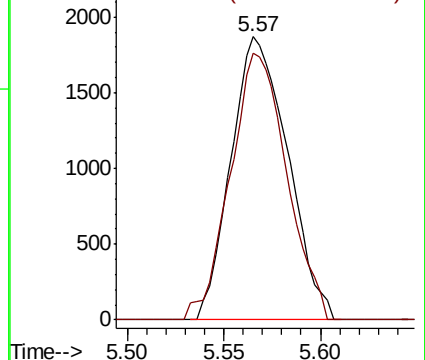
117 100

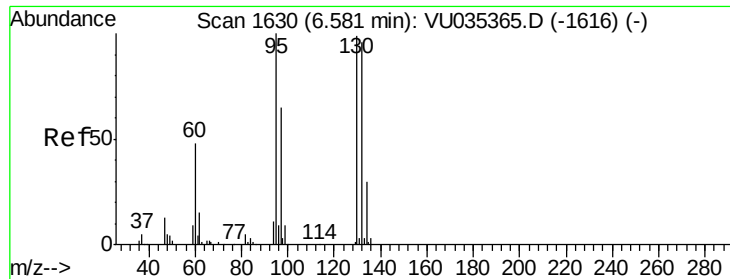
119 93.8 77.4 116.0



Abundance Ion 116.90 (116.60 to 117.60): VU035375.D (-1221) (-)

Ion 118.90 (118.60 to 119.60): VU035375.D (-1221) (-)





#34

Trichloroethene

Concen: 0.681 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035375.D

Acq: 22 Oct 2019 20:03

Instrument :

MSVOA_U

ClientSampleId :

C0K33

Tot Ion: 95 Resp: 13539

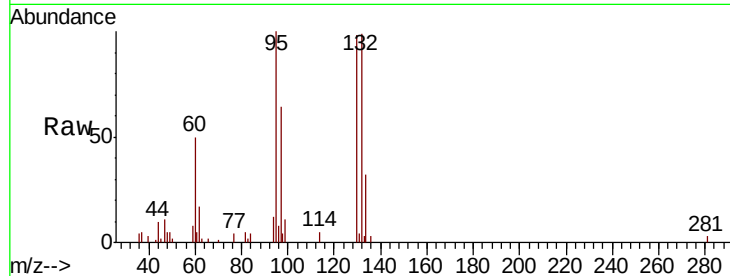
Ion Ratio Lower Upper

95 100

97 63.8 46.6 86.6

132 98.6 68.7 127.7

130 98.1 73.9 137.3

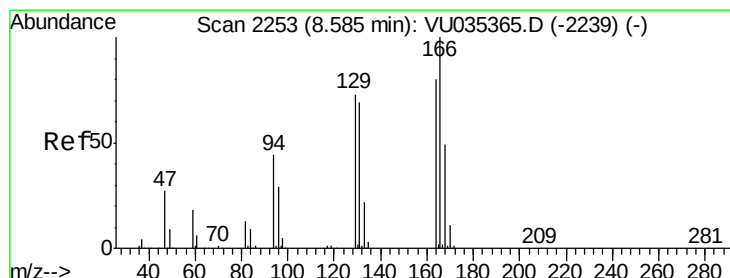
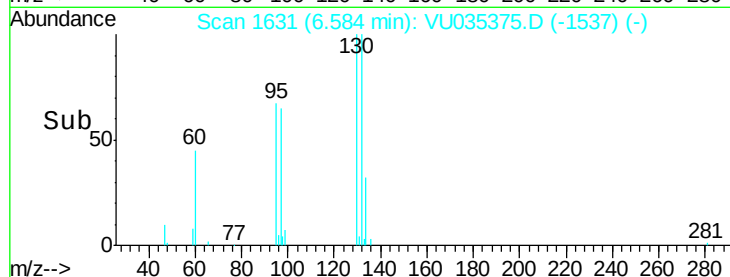
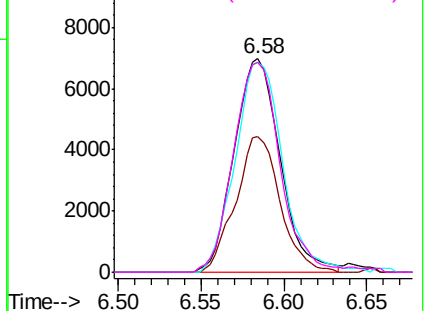


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.304 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035375.D

Acq: 22 Oct 2019 20:03

Tgt Ion:164 Resp: 5035

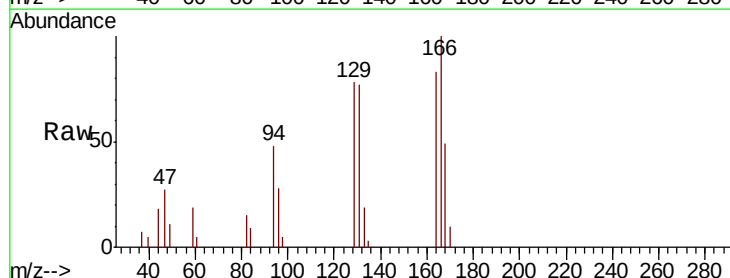
Ion Ratio Lower Upper

164 100

129 94.8 65.2 121.0

131 93.4 62.9 116.9

166 121.0 91.5 169.9



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

