

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039096.D
 Acq On : 25 Jun 2020 05:17
 Operator : SY/MD
 Sample : L3110-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F35

Quant Time: Jun 25 07:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 06:40:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	267848	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	269378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	114466	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96781	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.93	69	89139	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.59	63	145751	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.67	46	419755	59.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.60%
24) Chloroform-d	5.10	84	207054	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.74	65	128874	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.76	84	399617	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.72	67	133194	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.92	98	310770	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	8.20	79	52144	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.65	63	338170	60.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	121666	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	121145	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

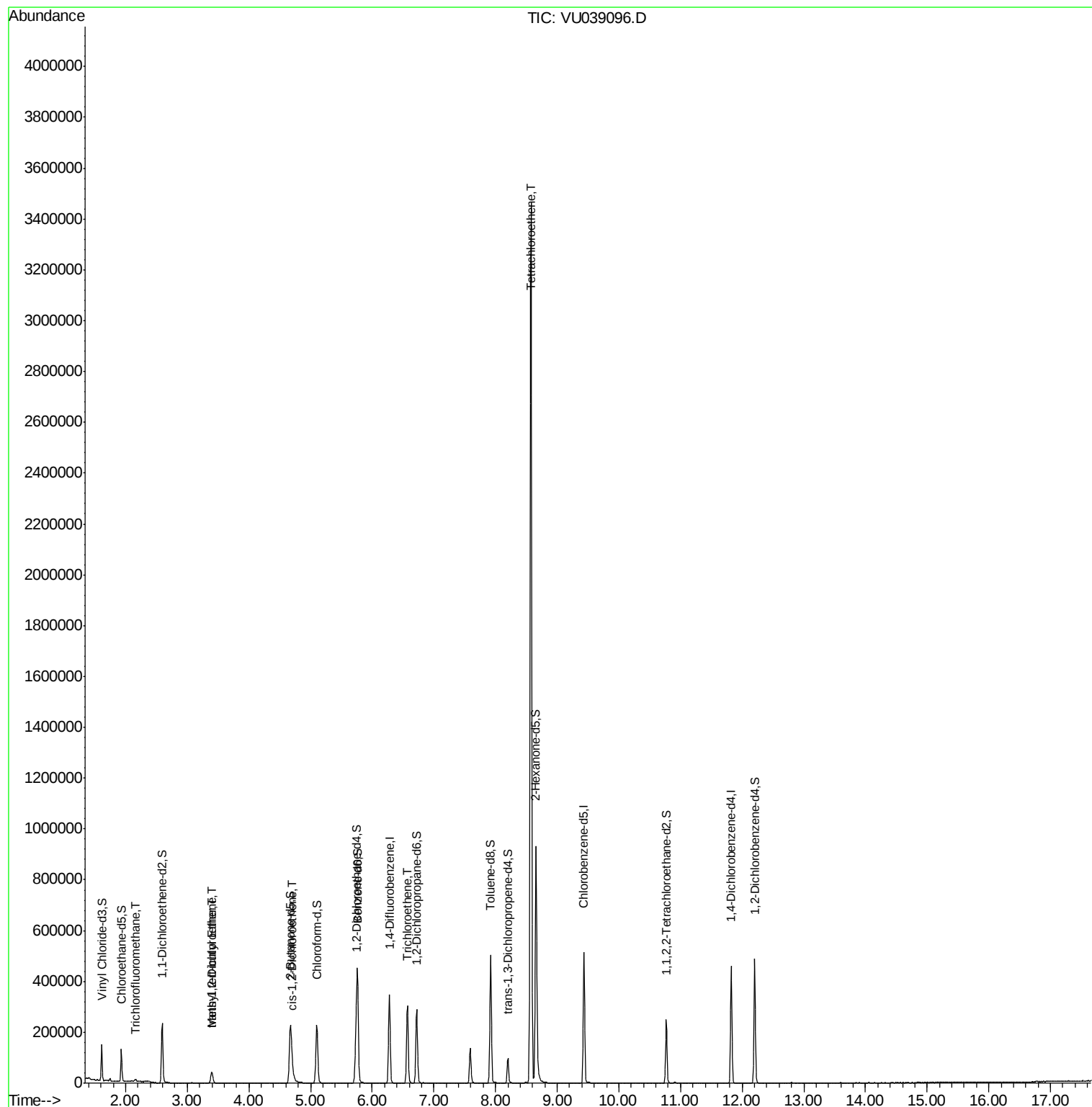
					Ovalue
9) Trichlorofluoromethane	2.16	101	4359	0.131 ug/L	93
17) Methyl tert-butyl Ether	3.40	73	39353	0.745 ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	3016	0.152 ug/L	96
22) cis-1,2-Dichloroethene	4.71	96	3708	0.173 ug/L	88
34) Trichloroethene	6.57	95	101324	4.949 ug/L	98
47) Tetrachloroethene	8.57	164	724886	49.127 ug/L	97

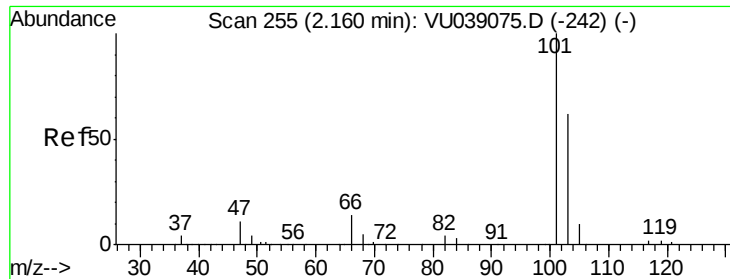
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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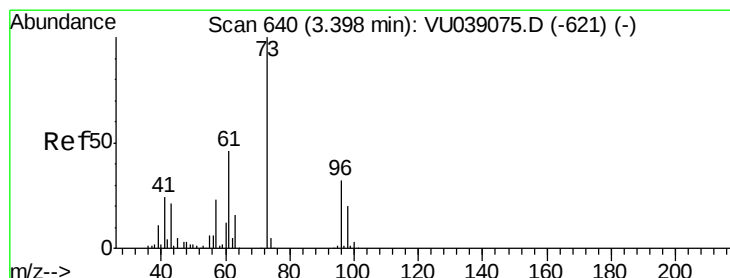
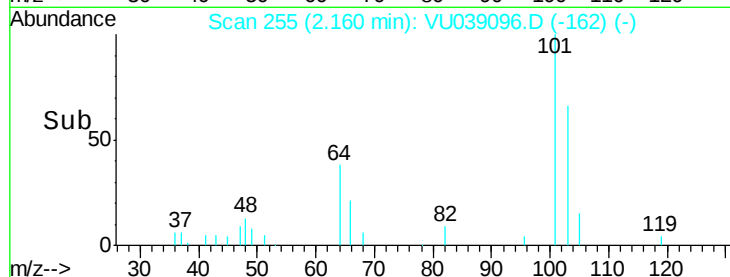
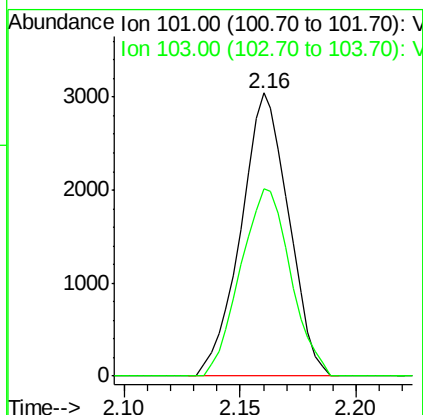
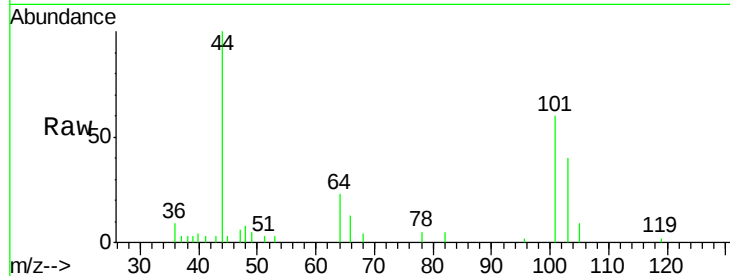


#9

Trichlorofluoromethane
Concen: 0.131 ug/L
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU039096.D
Acq: 25 Jun 2020 05:17

Instrument :
MSVOA_U
ClientSampleId :
F9F35

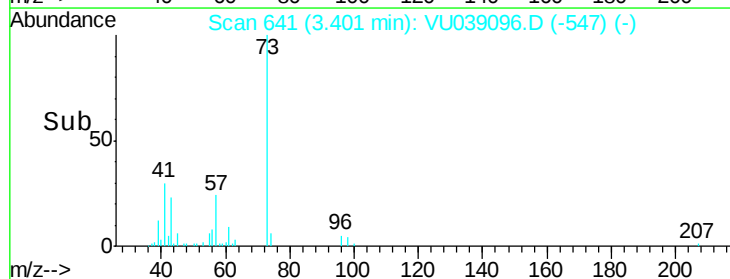
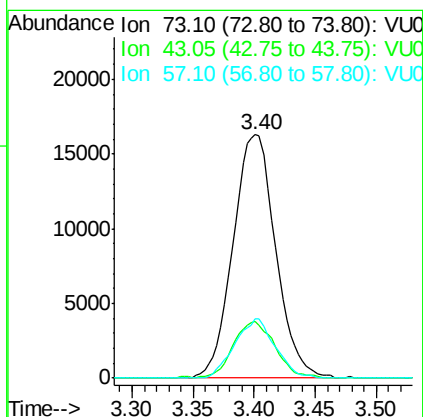
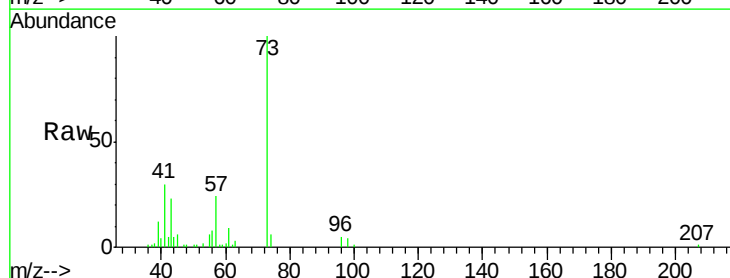
Tot Ion:101 Resp: 4359
Ion Ratio Lower Upper
101 100
103 69.6 51.4 77.0

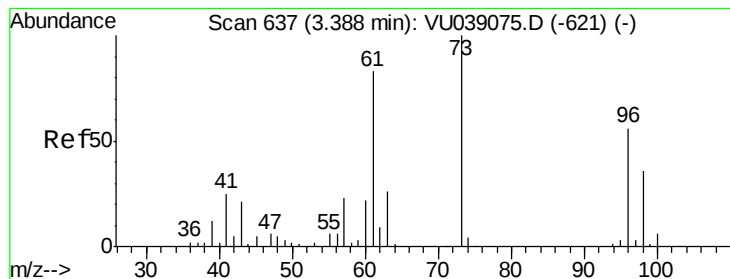


#17

Methyl tert-butyl Ether
Concen: 0.745 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU039096.D
Acq: 25 Jun 2020 05:17

Tgt Ion: 73 Resp: 39353
Ion Ratio Lower Upper
73 100
43 23.0 16.6 24.8
57 23.2 18.2 27.4





#18

trans-1,2-Dichloroethene

Concen: 0.152 ug/L

RT: 3.39 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU039096.D

Acq: 25 Jun 2020 05:17

Instrument :

MSVOA_U

ClientSampled :

F9F35

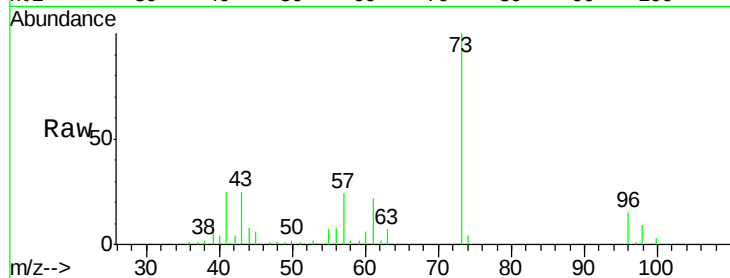
Tot Ion: 96 Resp: 3016

Ion Ratio Lower Upper

96 100

61 150.7 103.5 192.3

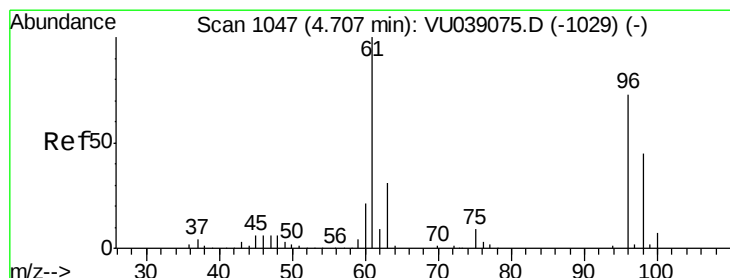
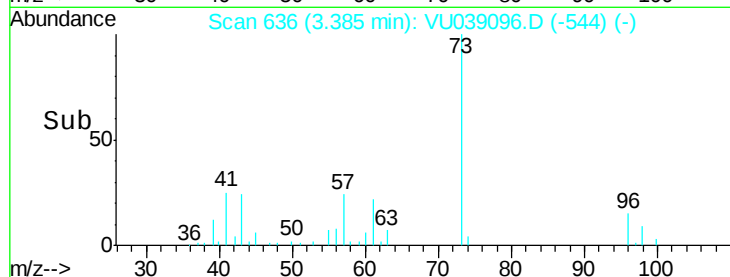
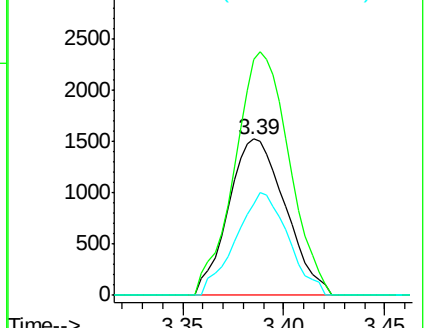
98 58.2 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VU039096.D (-544) (-)

Ion 61.05 (60.75 to 61.75): VU039096.D (-544) (-)

Ion 97.95 (97.65 to 98.65): VU039096.D (-544) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.173 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU039096.D

Acq: 25 Jun 2020 05:17

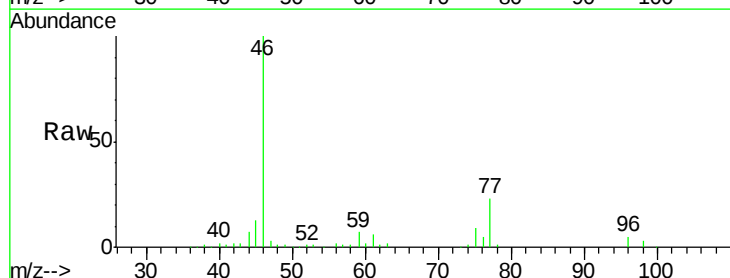
Tgt Ion: 96 Resp: 3708

Ion Ratio Lower Upper

96 100

61 129.4 100.8 187.2

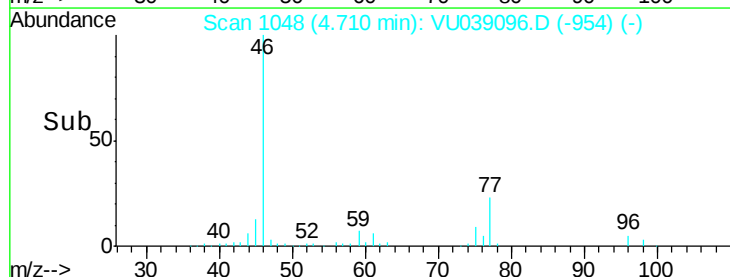
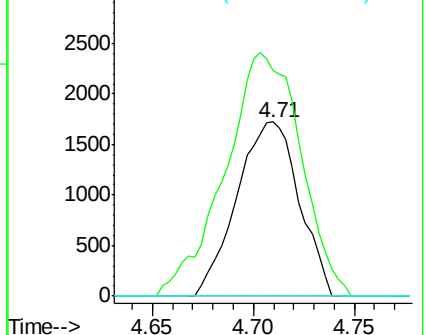
68 0.0 0.0 0.0

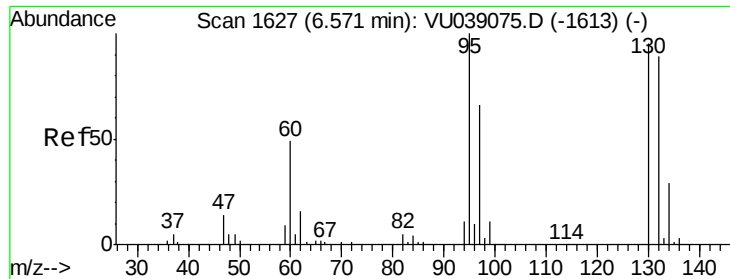


Abundance Ion 96.00 (95.70 to 96.70): VU039096.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU039096.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU039096.D (-954) (-)





#34

Trichloroethene

Concen: 4.949 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU039096.D

Acq: 25 Jun 2020 05:17

Instrument :

MSVOA_U

ClientSampled :

F9F35

Tot Ion: 95 Resp: 101324

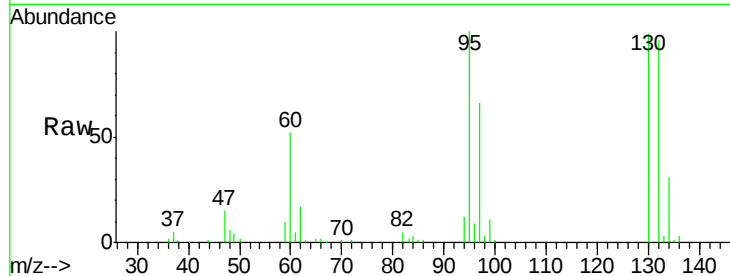
Ion Ratio Lower Upper

95 100

97 66.3 45.1 83.7

132 96.2 65.1 120.9

130 99.4 68.6 127.4

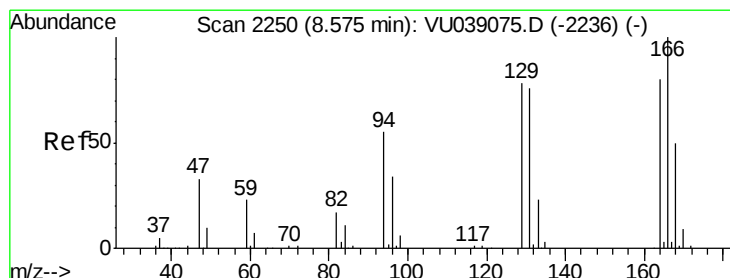
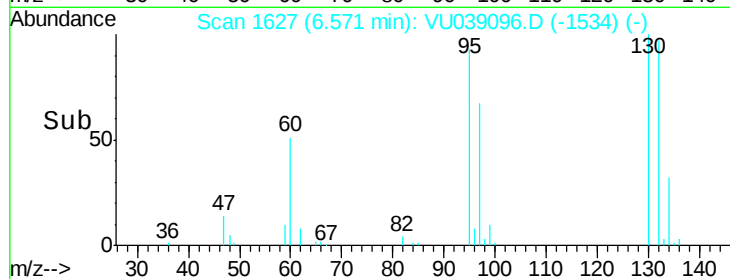
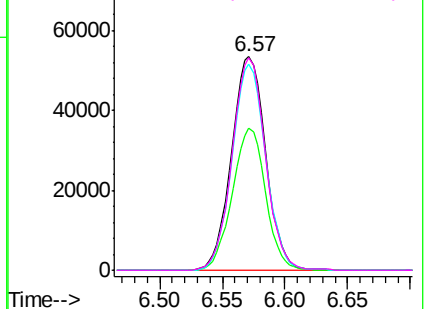


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 49.127 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU039096.D

Acq: 25 Jun 2020 05:17

Tgt Ion: 164 Resp: 724886

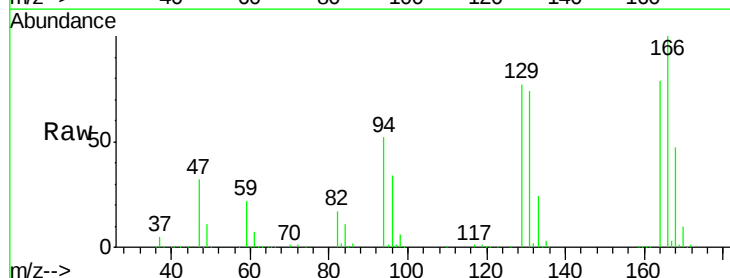
Ion Ratio Lower Upper

164 100

129 98.2 71.3 132.5

131 94.0 68.3 126.8

166 127.4 90.8 168.6



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

