

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038468.D
 Acq On : 01 Jun 2020 14:10
 Operator : JC/MD
 Sample : L2789-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX79

Quant Time: Jun 02 06:30:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	298806	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	293556	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	139603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80815	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.93	69	73845	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.59	63	129267	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.68	46	368333	62.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.40%
24) Chloroform-d	5.10	84	196400	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.74	65	118520	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
32) Benzene-d6	5.76	84	387346	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.72	67	121293	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.92	98	313528	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.20	79	49385	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.65	63	305892	63.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108662	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	134042	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

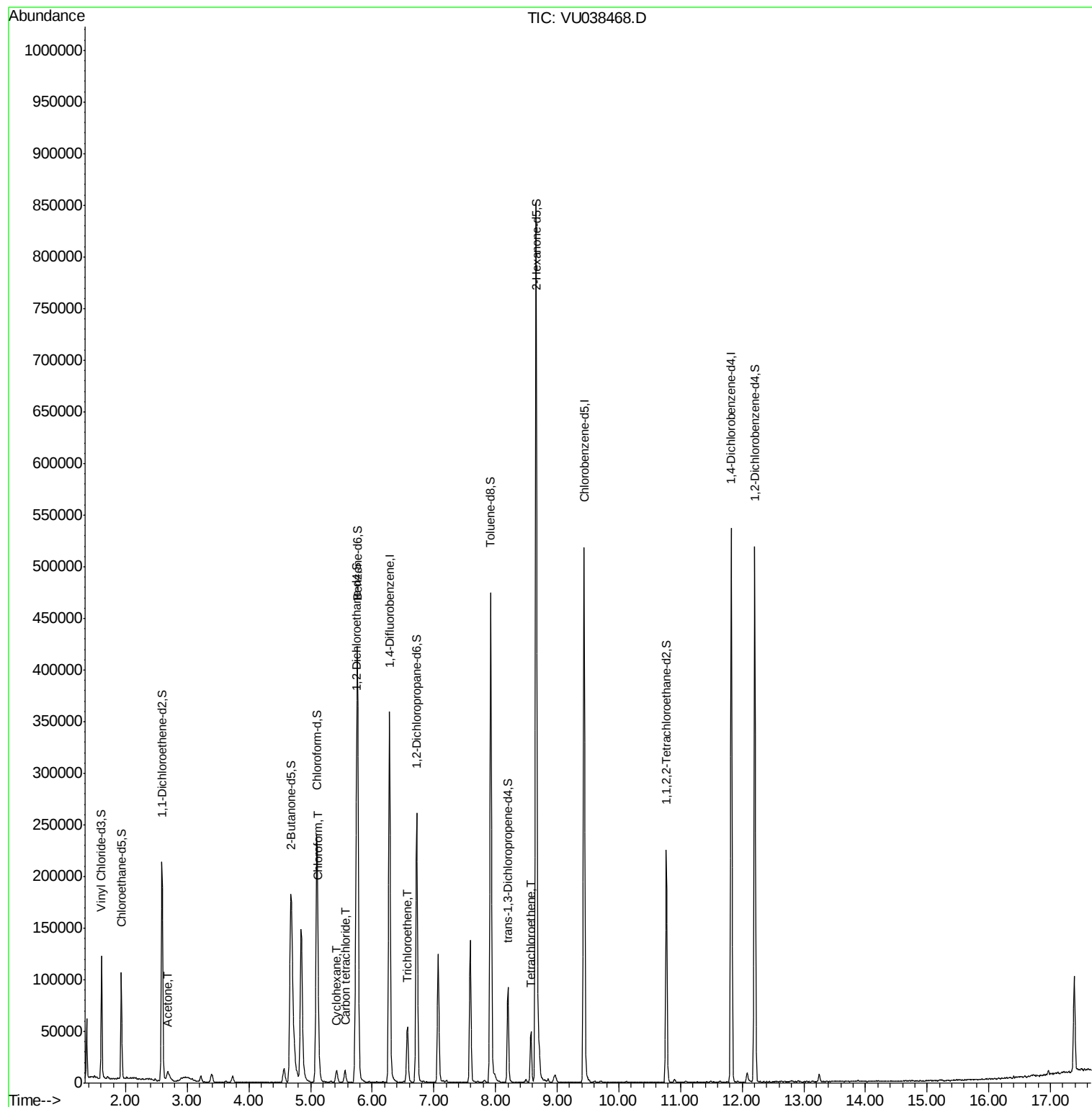
					Ovalue
13) Acetone	2.69	43	19956	5.191	ug/L 94
25) Chloroform	5.13	83	20723	0.575	ug/L 99
30) Cyclohexane	5.42	56	5527	0.170	ug/L 99
31) Carbon tetrachloride	5.56	117	8375	0.324	ug/L 100
34) Trichloroethene	6.57	95	16658	0.784	ug/L 95
47) Tetrachloroethene	8.57	164	10853	0.703	ug/L 93

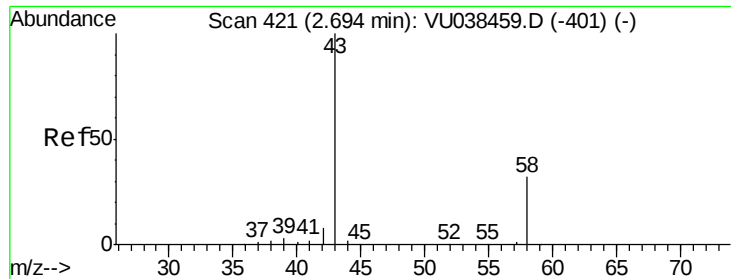
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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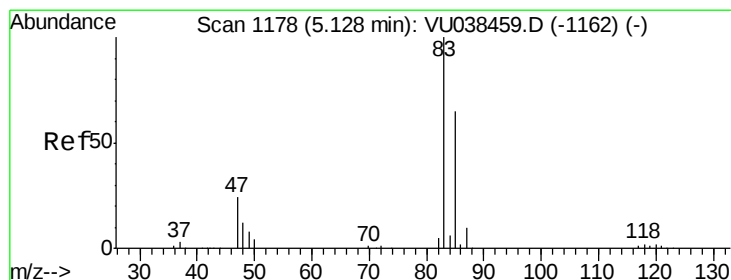
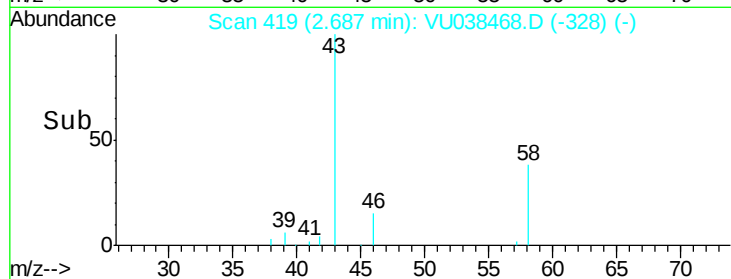
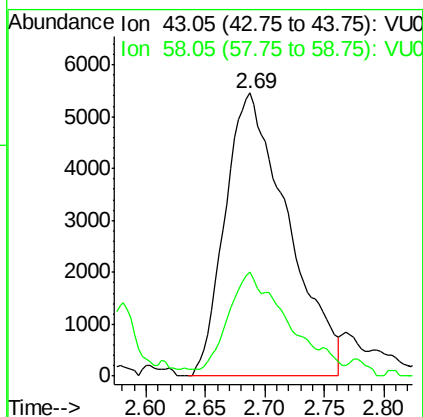
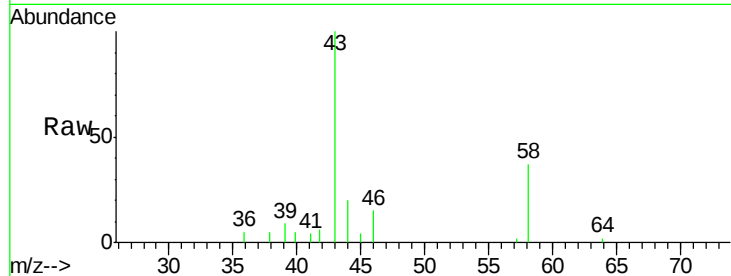




#13
Acetone
Concen: 5.191 ug/L
RT: 2.69 min Scan# 419
Delta R.T. -0.01 min
Lab File: VU038468.D
Acq: 01 Jun 2020 14:10

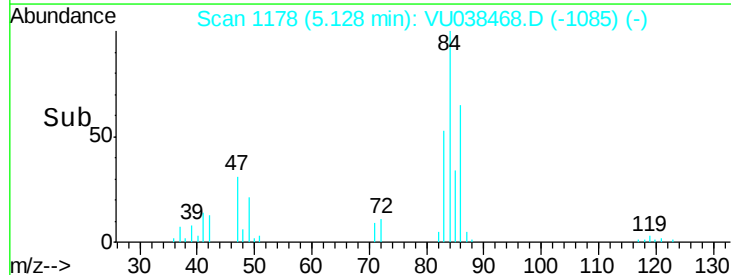
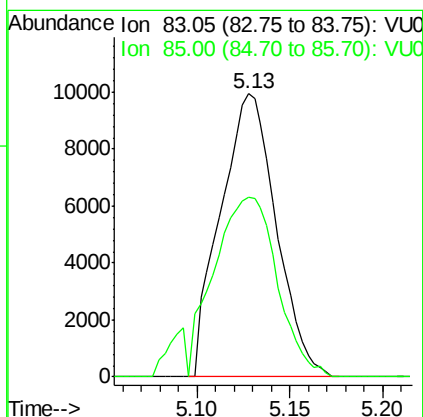
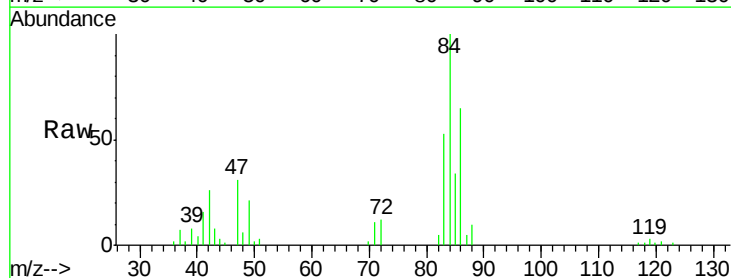
Instrument :
MSVOA_U
ClientSampleId :
BFX79

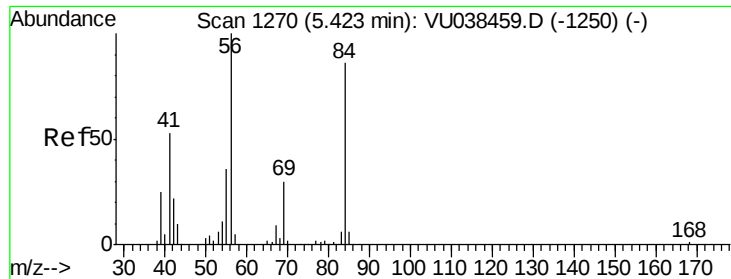
Tot Ion: 43 Resp: 19956
Ion Ratio Lower Upper
43 100
58 29.6 0.0 65.6



#25
Chloroform
Concen: 0.575 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038468.D
Acq: 01 Jun 2020 14:10

Tgt Ion: 83 Resp: 20723
Ion Ratio Lower Upper
83 100
85 63.7 44.9 83.5

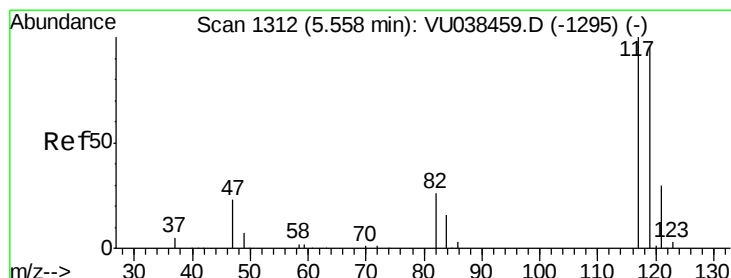
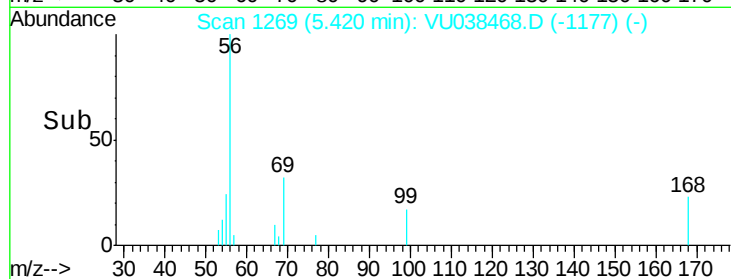
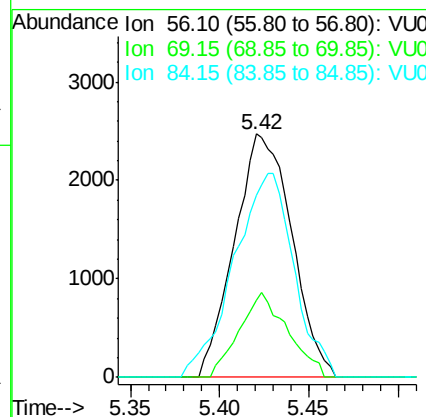
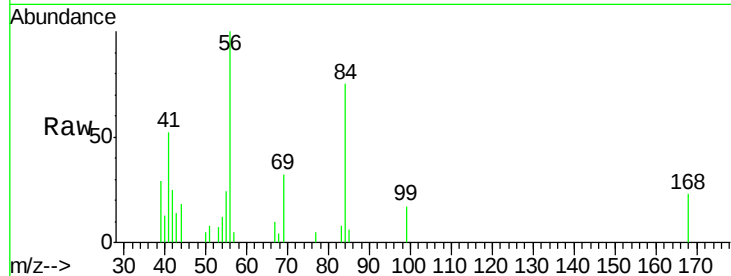




#30
Cyclohexane
Concen: 0.170 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038468.D
Acq: 01 Jun 2020 14:10

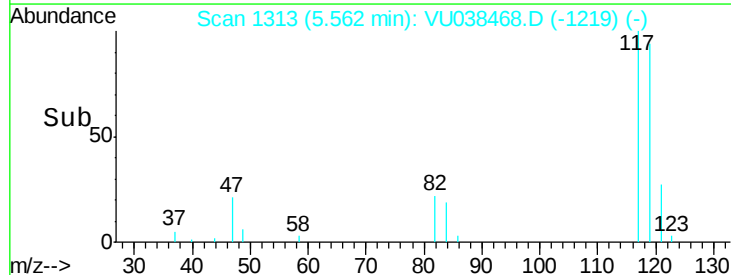
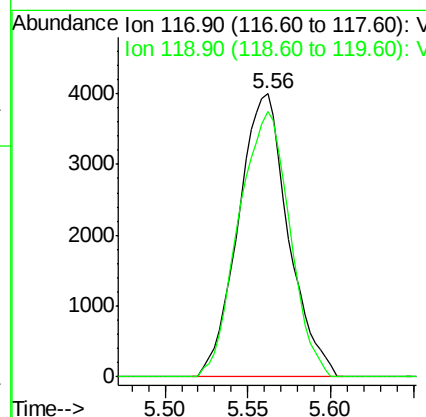
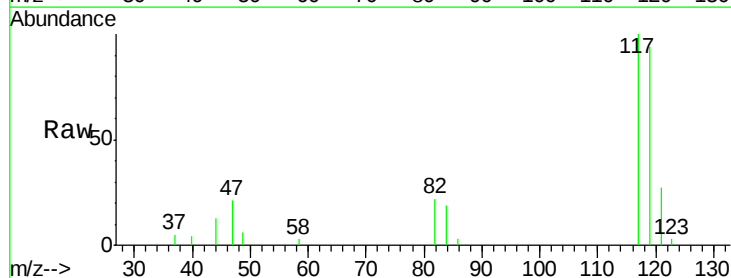
Instrument :
MSVOA_U
ClientSampleId :
BFX79

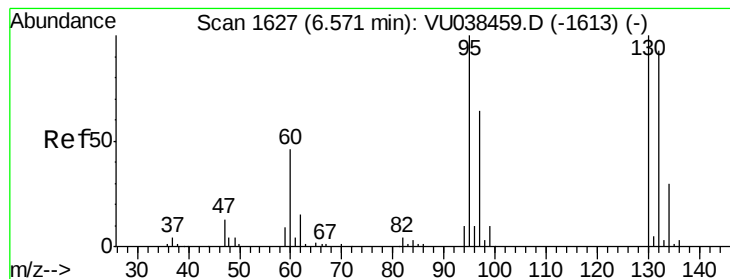
Tot Ion: 56 Resp: 5527
Ion Ratio Lower Upper
56 100
69 29.4 24.2 36.4
84 87.5 70.8 106.2



#31
Carbon tetrachloride
Concen: 0.324 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU038468.D
Acq: 01 Jun 2020 14:10

Tgt Ion: 117 Resp: 8375
Ion Ratio Lower Upper
117 100
119 95.4 76.6 115.0





#34

Trichloroethene

Concen: 0.784 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038468.D

Acq: 01 Jun 2020 14:10

Instrument :

MSVOA_U

ClientSampleId :

BFX79

Tot Ion: 95 Resp: 16658

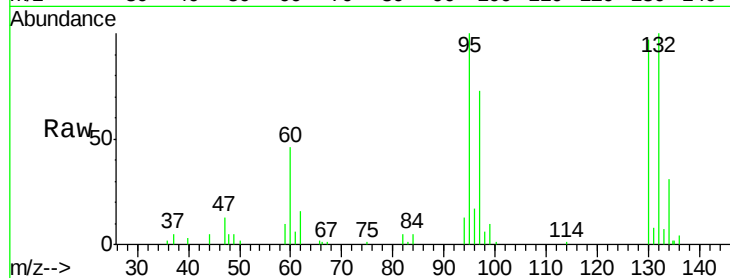
Ion Ratio Lower Upper

95 100

97 73.2 46.8 87.0

132 99.8 66.1 122.7

130 96.7 70.0 130.0

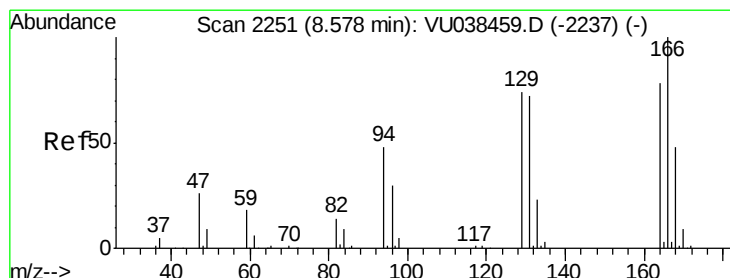
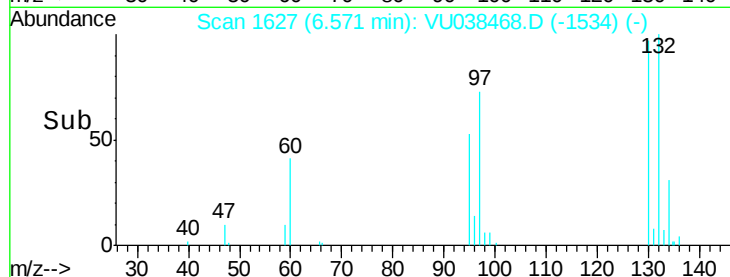
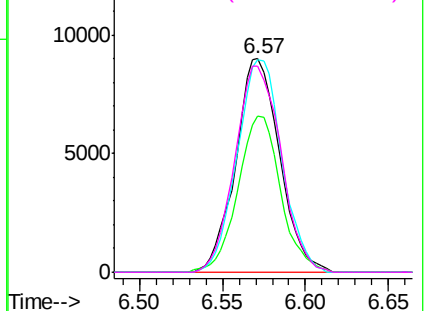


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.703 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038468.D

Acq: 01 Jun 2020 14:10

Tgt Ion: 164 Resp: 10853

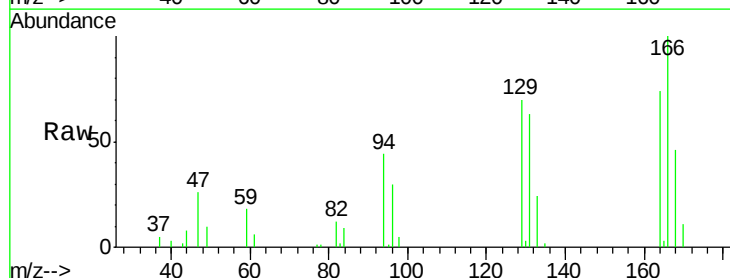
Ion Ratio Lower Upper

164 100

129 94.3 67.4 125.2

131 85.7 64.1 119.1

166 135.2 85.7 159.1



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

