

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051820\
 Data File : VU038217.D
 Acq On : 18 May 2020 14:02
 Operator : JC/MD
 Sample : L2657-04DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFST7DL

Quant Time: May 18 23:05:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 18 22:23:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	361088	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	351220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	167968	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122690	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.92	69	108706	3.81	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.20%
11) 1,1-Dichloroethene-d2	2.58	63	150195	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	4.67	46	442487	54.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.60%
24) Chloroform-d	5.10	84	215241	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.74	65	133204	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.76	84	445832	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.72	67	154049	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.92	98	377512	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.20	79	57191	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.66	63	346738	53.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	133900	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	150337	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

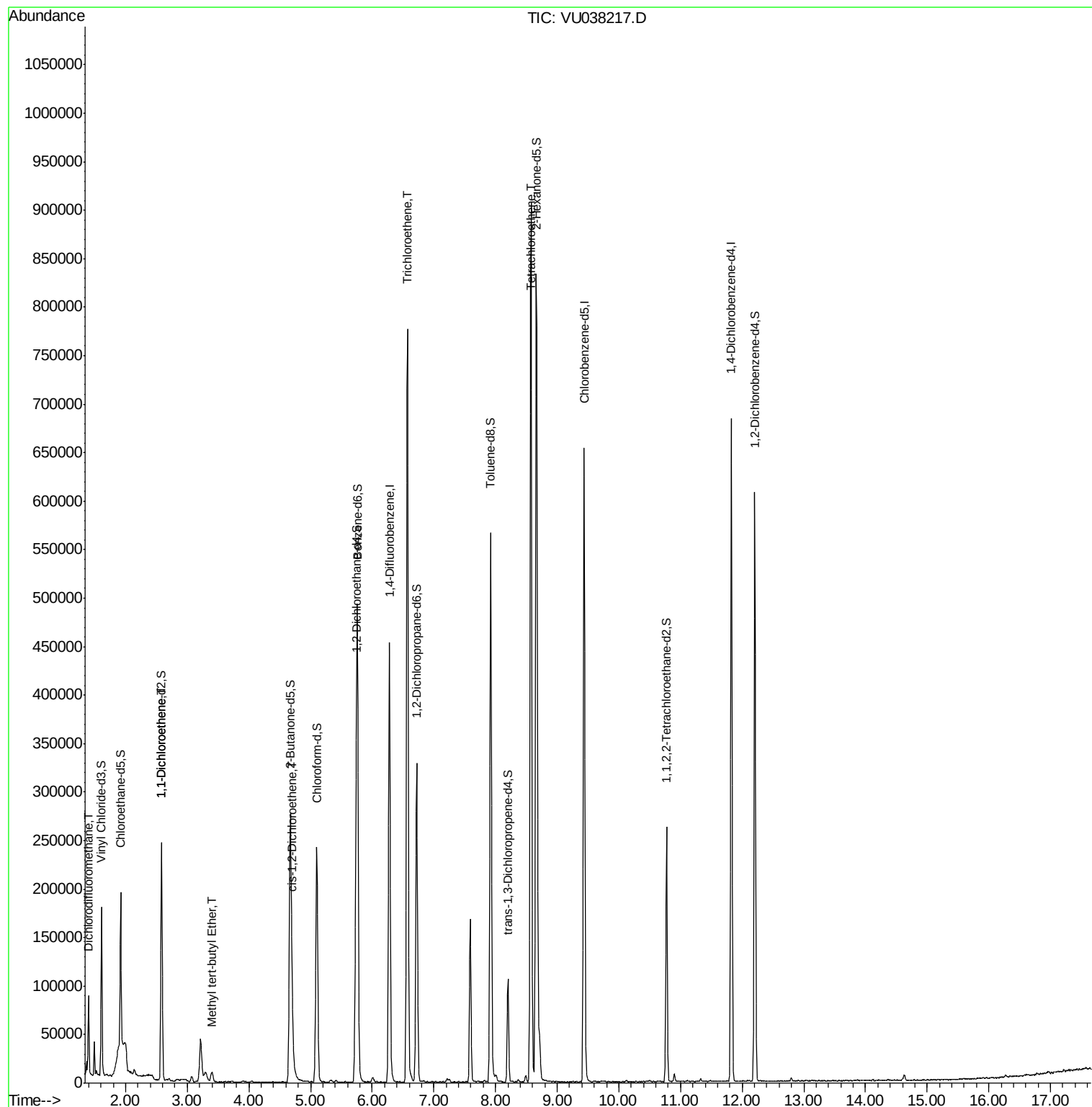
					Ovalue
2) Dichlorodifluoromethane	1.39	85	26338	0.798 ug/L	98
12) 1,1-Dichloroethene	2.59	96	2566	0.102 ug/L #	1
17) Methyl tert-butyl Ether	3.40	73	10160	0.146 ug/L #	87
22) cis-1,2-Dichloroethene	4.70	96	11674	0.396 ug/L	95
34) Trichloroethene	6.57	95	261566	9.298 ug/L	98
47) Tetrachloroethene	8.57	164	198550	10.091 ug/L	98

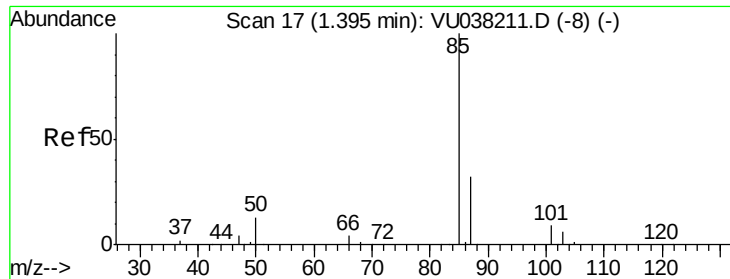
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.798 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU038217.D

Acq: 18 May 2020 14:02

Instrument :

MSVOA_U

ClientSampleId :

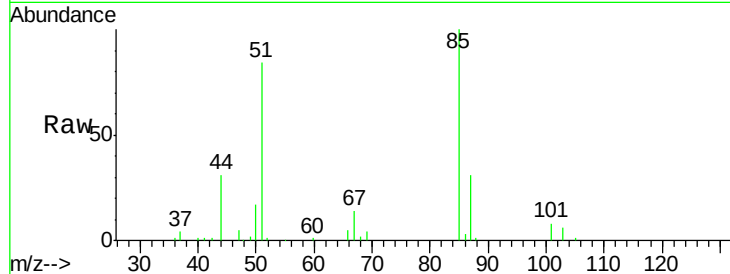
BFST7DL

Tot Ion: 85 Resp: 26338

Ion Ratio Lower Upper

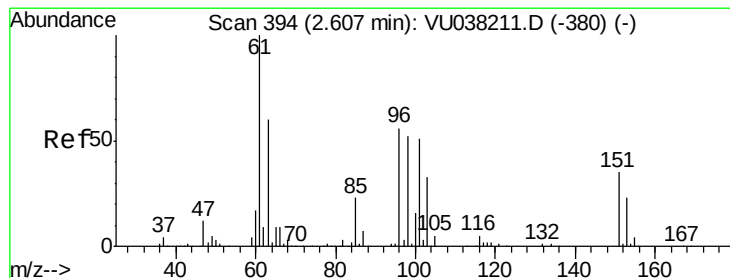
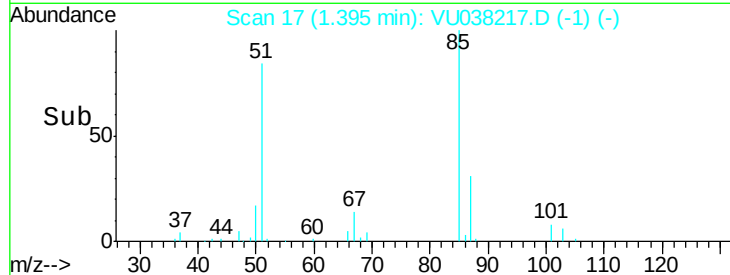
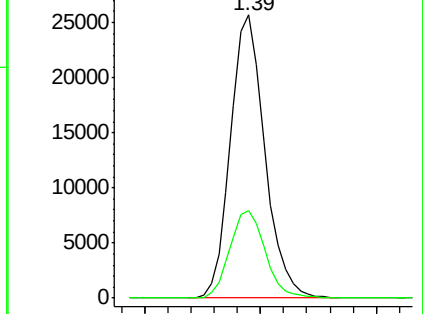
85 100

87 31.7 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#12

1,1-Dichloroethene

Concen: 0.102 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038217.D

Acq: 18 May 2020 14:02

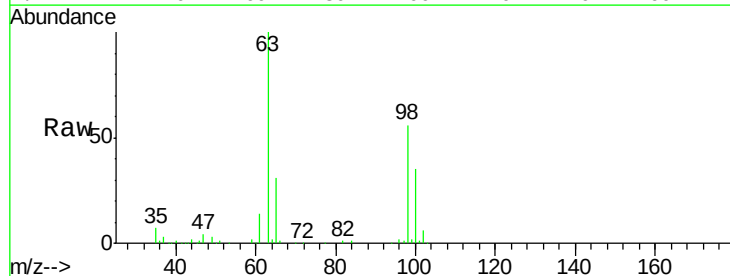
Tgt Ion: 96 Resp: 2566

Ion Ratio Lower Upper

96 100

61 692.0 126.2 234.4#

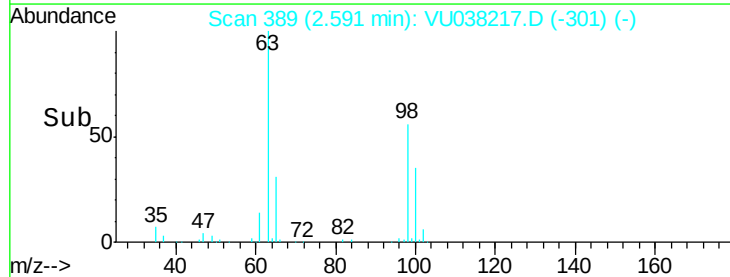
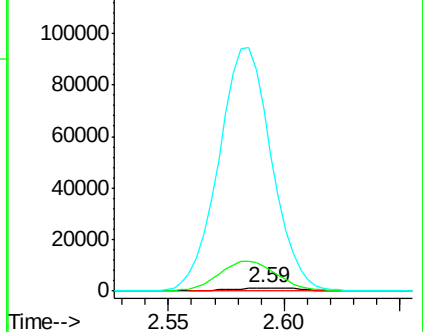
63 5041.8 96.9 179.9#

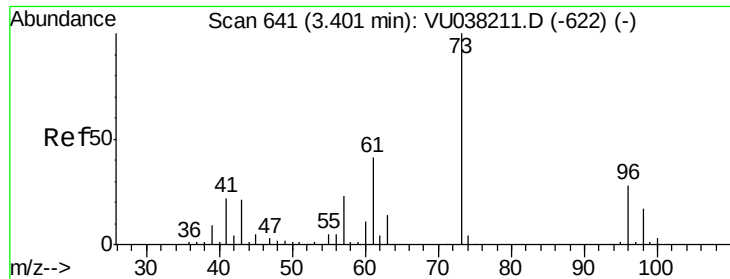


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

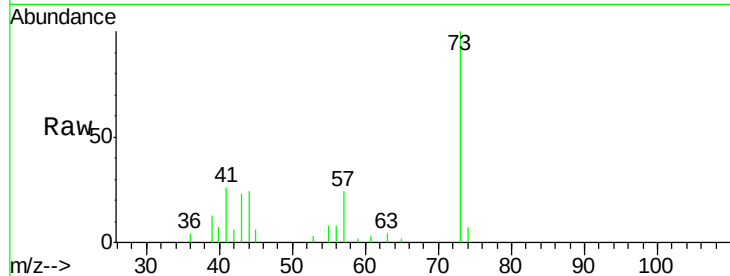




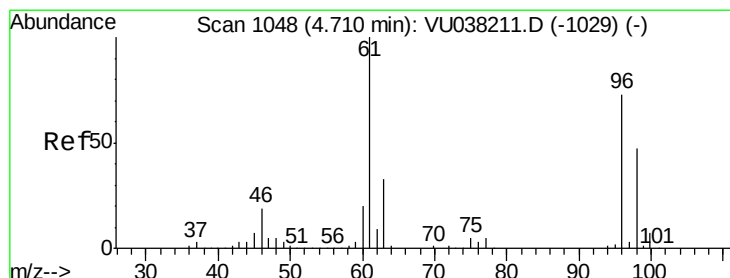
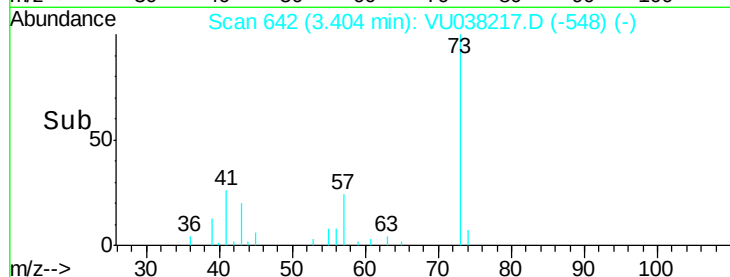
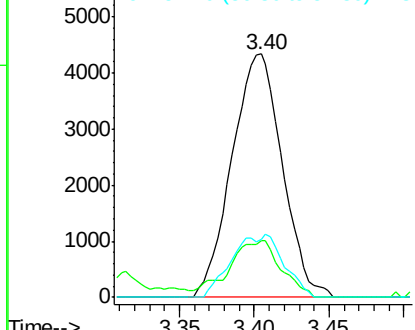
#17
Methyl tert-butyl Ether
Concen: 0.146 ug/L
RT: 3.40 min Scan# 642
Delta R.T. 0.00 min
Lab File: VU038217.D
Acq: 18 May 2020 14:02

Instrument :
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BFST7DL

Tot Ion: 73 Resp: 10160
Ion Ratio Lower Upper
73 100
43 24.1 16.9 25.3
57 13.8 18.2 27.2#

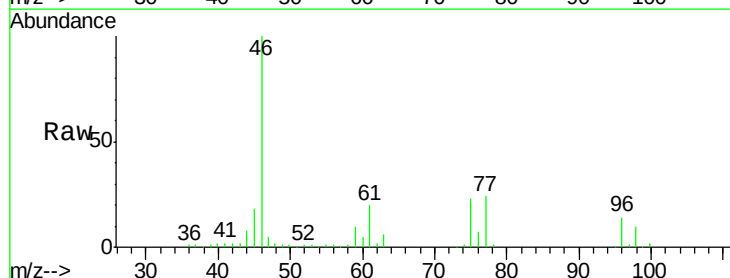


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

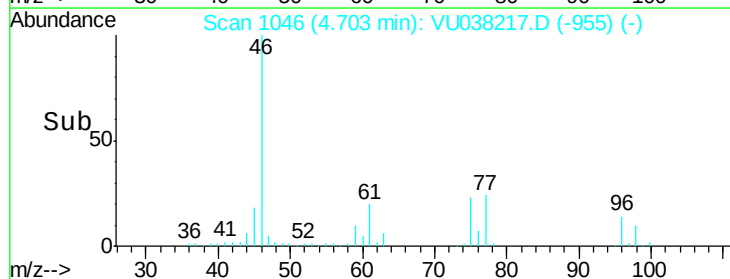
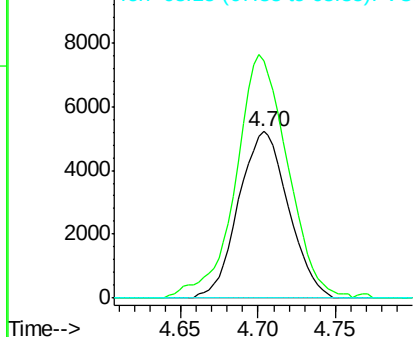


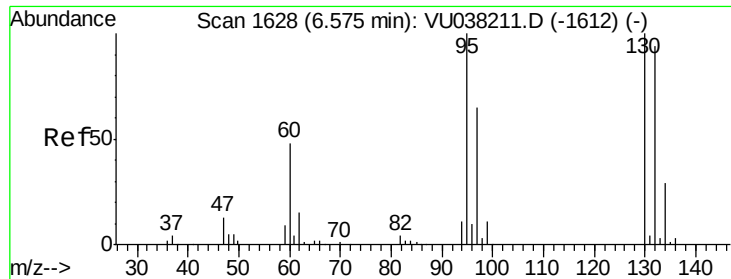
#22
cis-1,2-Dichloroethene
Concen: 0.396 ug/L
RT: 4.70 min Scan# 1046
Delta R.T. -0.01 min
Lab File: VU038217.D
Acq: 18 May 2020 14:02

Tgt Ion: 96 Resp: 11674
Ion Ratio Lower Upper
96 100
61 142.6 95.3 176.9
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0

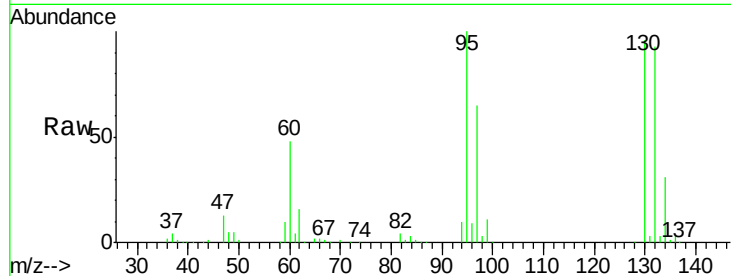




#34
 Trichloroethene
 Concen: 9.298 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038217.D
 Acq: 18 May 2020 14:02

Instrument :
 MSVOA_U
 ClientSampleId :
 BFST7DL

Tot Ion	95	Resp:	261566
Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.9	83.3
132	93.0	63.3	117.5
130	95.8	65.7	122.1

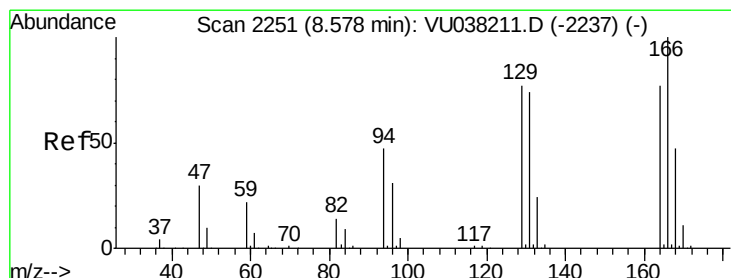
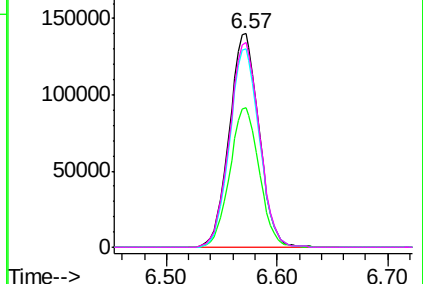
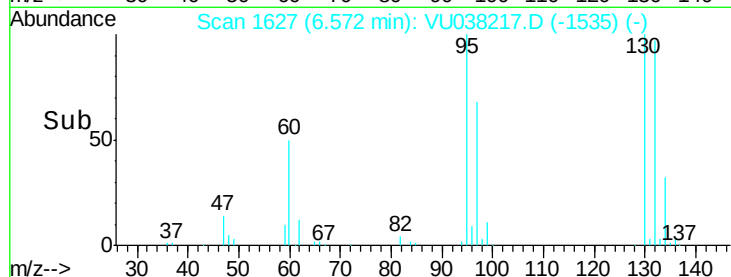


Abundance Ion 95.00 (94.70 to 95.70): VU038217.D (-1535) (-)

Ion 96.95 (96.65 to 97.65): VU038217.D (-1535) (-)

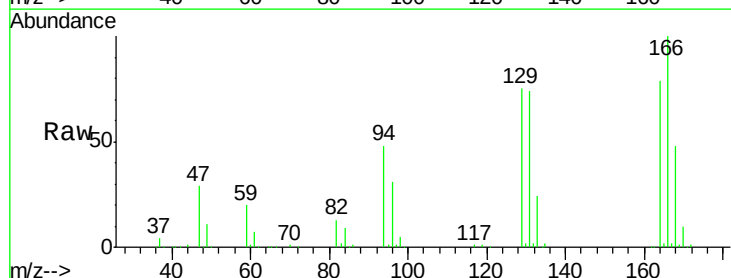
Ion 131.95 (131.65 to 132.65): VU038217.D (-1535) (-)

Ion 129.95 (129.65 to 130.65): VU038217.D (-1535) (-)



#47
 Tetrachloroethene
 Concen: 10.091 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038217.D
 Acq: 18 May 2020 14:02

Tgt Ion	164	Resp:	198550
Ion	Ratio	Lower	Upper
164	100		
129	95.0	68.8	127.8
131	93.2	66.8	124.2
166	126.7	88.9	165.1



Abundance Ion 163.90 (163.60 to 164.60): VU038217.D (-2158) (-)

Ion 128.95 (128.65 to 129.65): VU038217.D (-2158) (-)

Ion 130.95 (130.65 to 131.65): VU038217.D (-2158) (-)

Ion 165.90 (165.60 to 166.60): VU038217.D (-2158) (-)

