

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038426.D
 Acq On : 30 May 2020 20:15
 Operator : JC/MD
 Sample : L2787-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX75

Quant Time: Jun 01 04:46:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 02:37:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	316245	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	309935	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	150200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102042	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.93	69	82355	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.59	63	147799	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.68	46	371648	59.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.54%
24) Chloroform-d	5.10	84	198804	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.74	65	119222	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.76	84	402249	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.72	67	125328	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.92	98	335240	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.20	79	50329	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.65	63	315938	62.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111559	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	140242	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

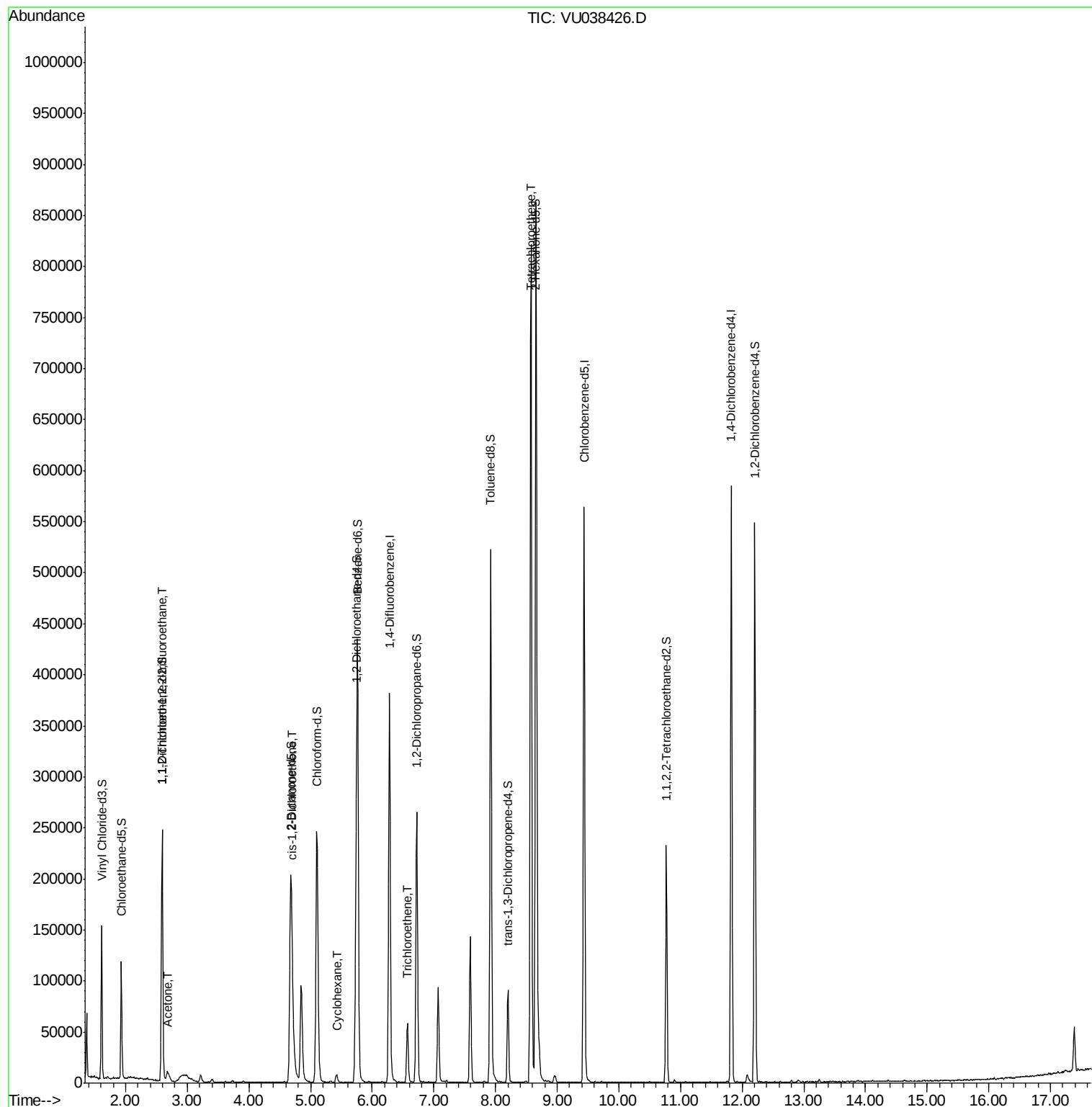
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2212	0.115 ug/L #	49
13) Acetone	2.68	43	19056	4.683 ug/L	84
22) cis-1,2-Dichloroethene	4.70	96	4504	0.199 ug/L	88
30) Cyclohexane	5.43	56	3461	0.101 ug/L #	86
34) Trichloroethene	6.57	95	18293	0.815 ug/L	95
47) Tetrachloroethene	8.57	164	181841	11.157 ug/L	96

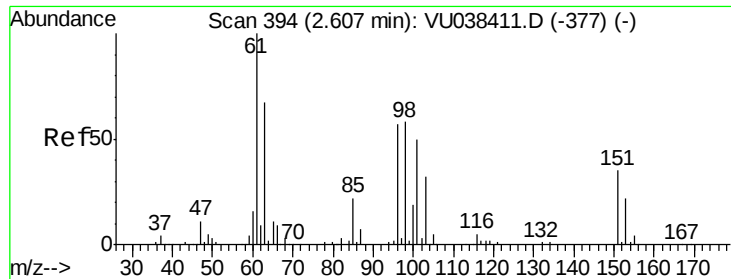
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.115 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038426.D

Acq: 30 May 2020 20:15

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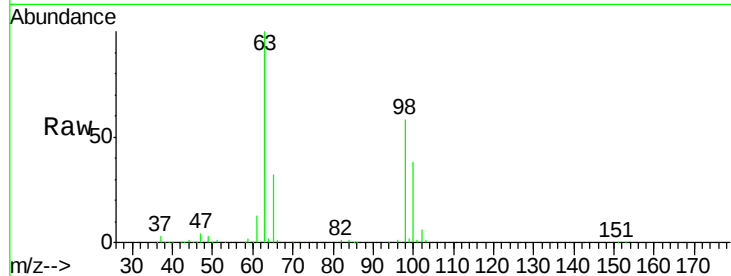
Tot Ion:101 Resp: 2212

Ion Ratio Lower Upper

101 100

85 6.6 34.0 51.0#

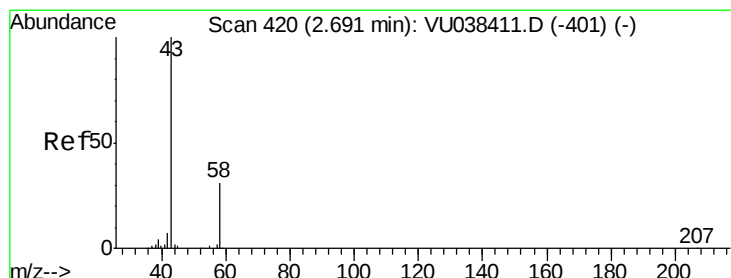
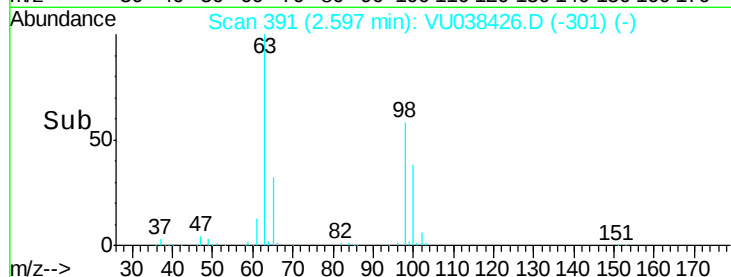
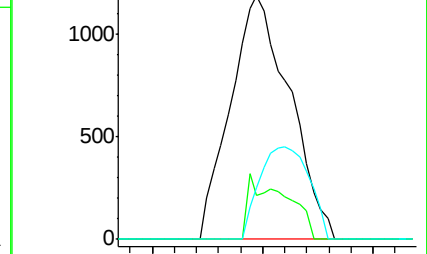
151 31.8 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.683 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.01 min

Lab File: VU038426.D

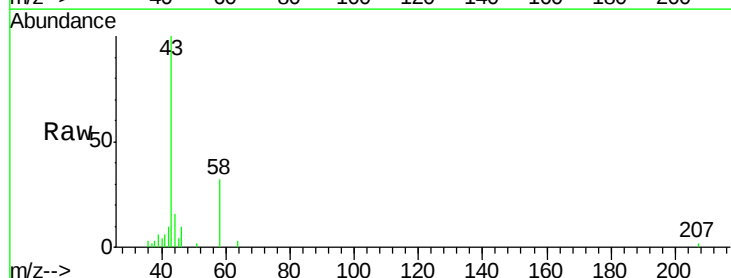
Acq: 30 May 2020 20:15

Tgt Ion: 43 Resp: 19056

Ion Ratio Lower Upper

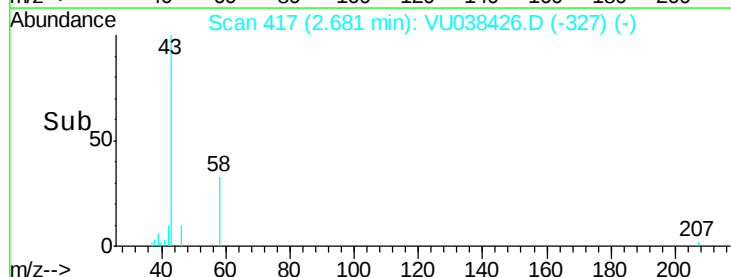
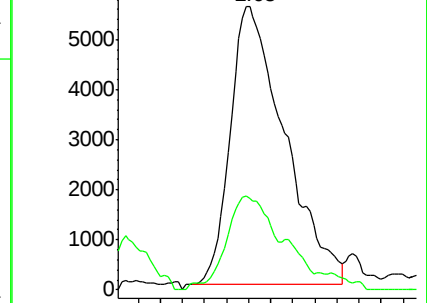
43 100

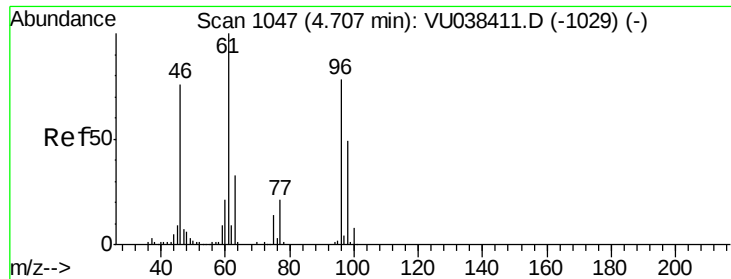
58 24.0 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.199 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU038426.D

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Instrument :

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ClientSampleId :

BFX75

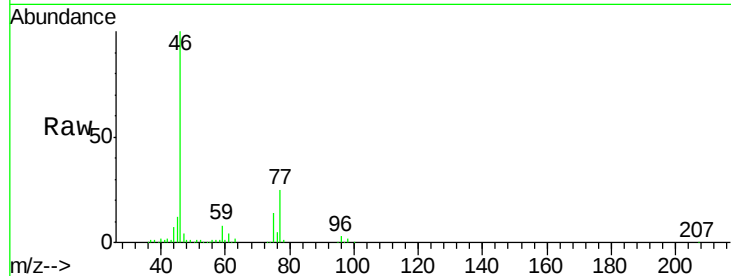
Tot Ion: 96 Resp: 4504

Ion Ratio Lower Upper

96 100

61 120.2 94.0 174.6

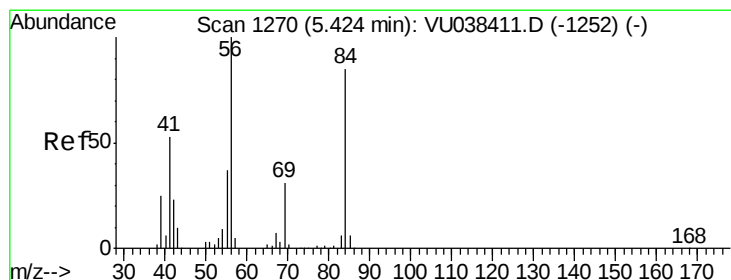
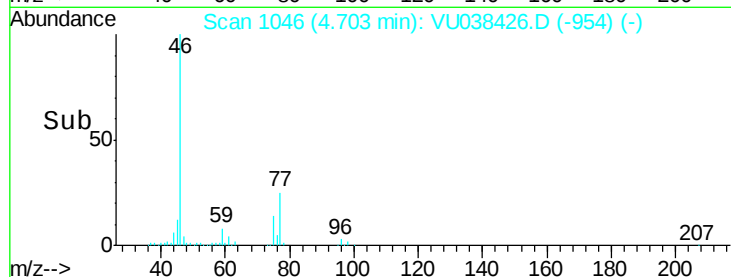
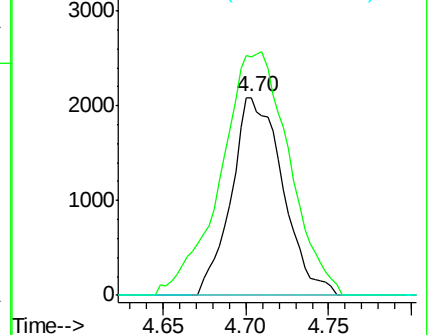
68 0.0 0.0 0.0



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



#30

Cyclohexane

Concen: 0.101 ug/L

RT: 5.43 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU038426.D

Acq: 30 May 2020 20:15

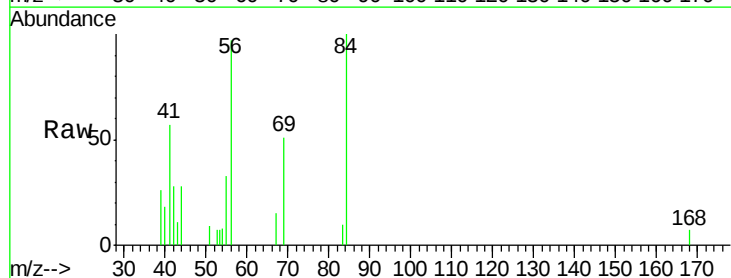
Tgt Ion: 56 Resp: 3461

Ion Ratio Lower Upper

56 100

69 39.2 24.2 36.4#

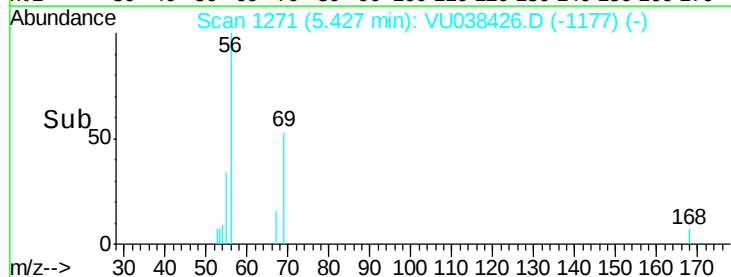
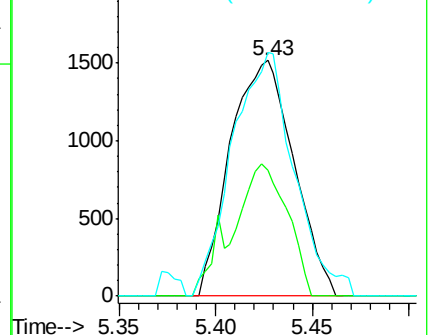
84 101.0 70.8 106.2

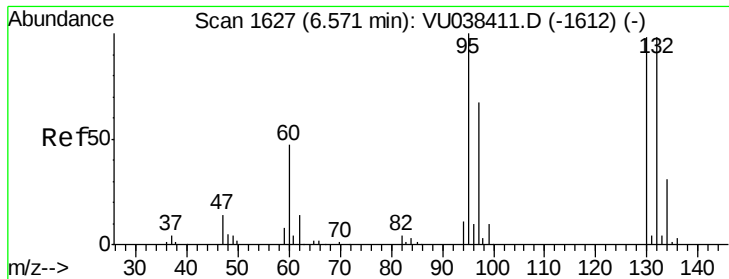


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0

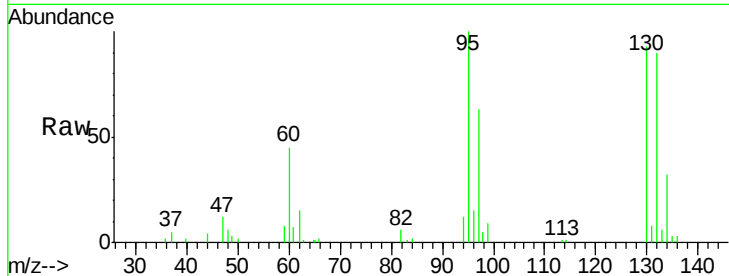




#34
 Trichloroethene
 Concen: 0.815 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038426.D
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Instrument :
 MSVOA_U
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 BFX75

Tot Ion:	95	Resp:	18293
Ion	Ratio	Lower	Upper
95	100		
97	62.9	46.8	87.0
132	90.3	66.1	122.7
130	93.2	70.0	130.0

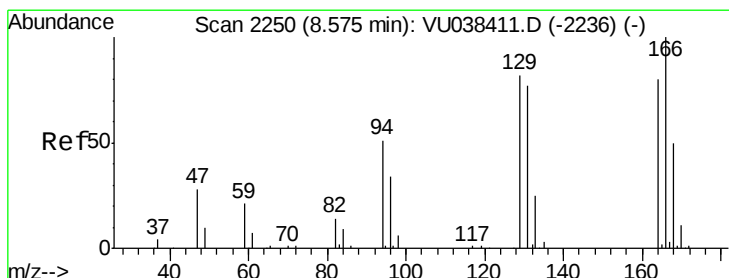
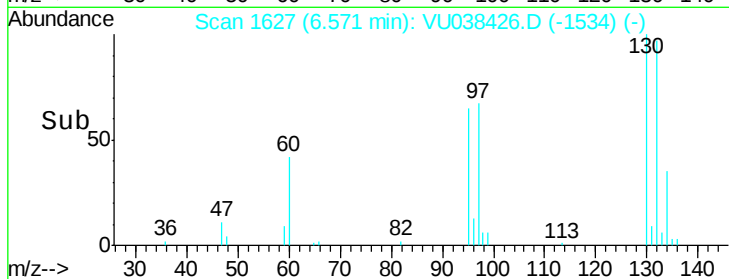
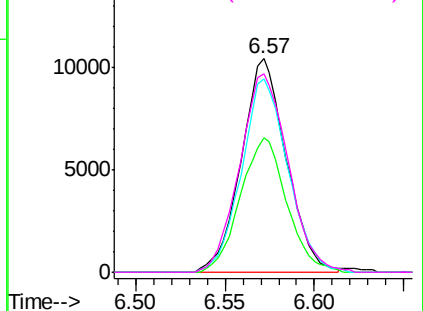


Abundance Ion 95.00 (94.70 to 95.70): VU038426.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038426.D (-1534) (-)

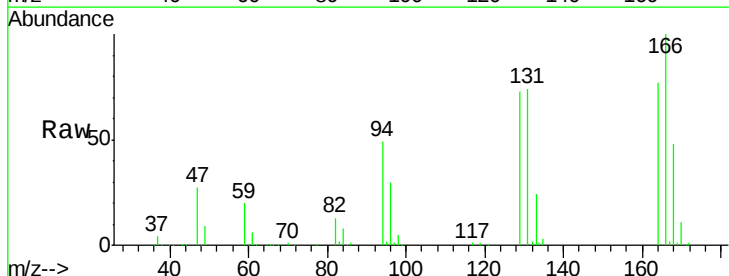
Ion 131.95 (131.65 to 132.65): VU038426.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038426.D (-1534) (-)



#47
 Tetrachloroethene
 Concen: 11.157 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038426.D
 Acq: 30 May 2020 20:15

Tgt Ion:	164	Resp:	181841
Ion	Ratio	Lower	Upper
164	100		
129	94.7	67.4	125.2
131	95.7	64.1	119.1
166	129.7	85.7	159.1



Abundance Ion 163.90 (163.60 to 164.60): VU038426.D (-2157) (-)

Ion 128.95 (128.65 to 129.65): VU038426.D (-2157) (-)

Ion 130.95 (130.65 to 131.65): VU038426.D (-2157) (-)

Ion 165.90 (165.60 to 166.60): VU038426.D (-2157) (-)

