

Data File : VU038441.D
Acq On : 31 May 2020 02:47
Operator : JC/MD
Sample : L2787-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXA5

Quant Time: Jun 09 03:22:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 06:27:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	312035	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	306382	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	147413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97368	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.93	69	81121	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.59	63	143863	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.68	46	365656	59.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.20%
24) Chloroform-d	5.10	84	196240	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.74	65	118630	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.76	84	402653	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.72	67	124404	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.92	98	332871	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.20	79	48314	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.65	63	304727	61.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108150	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	134908	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

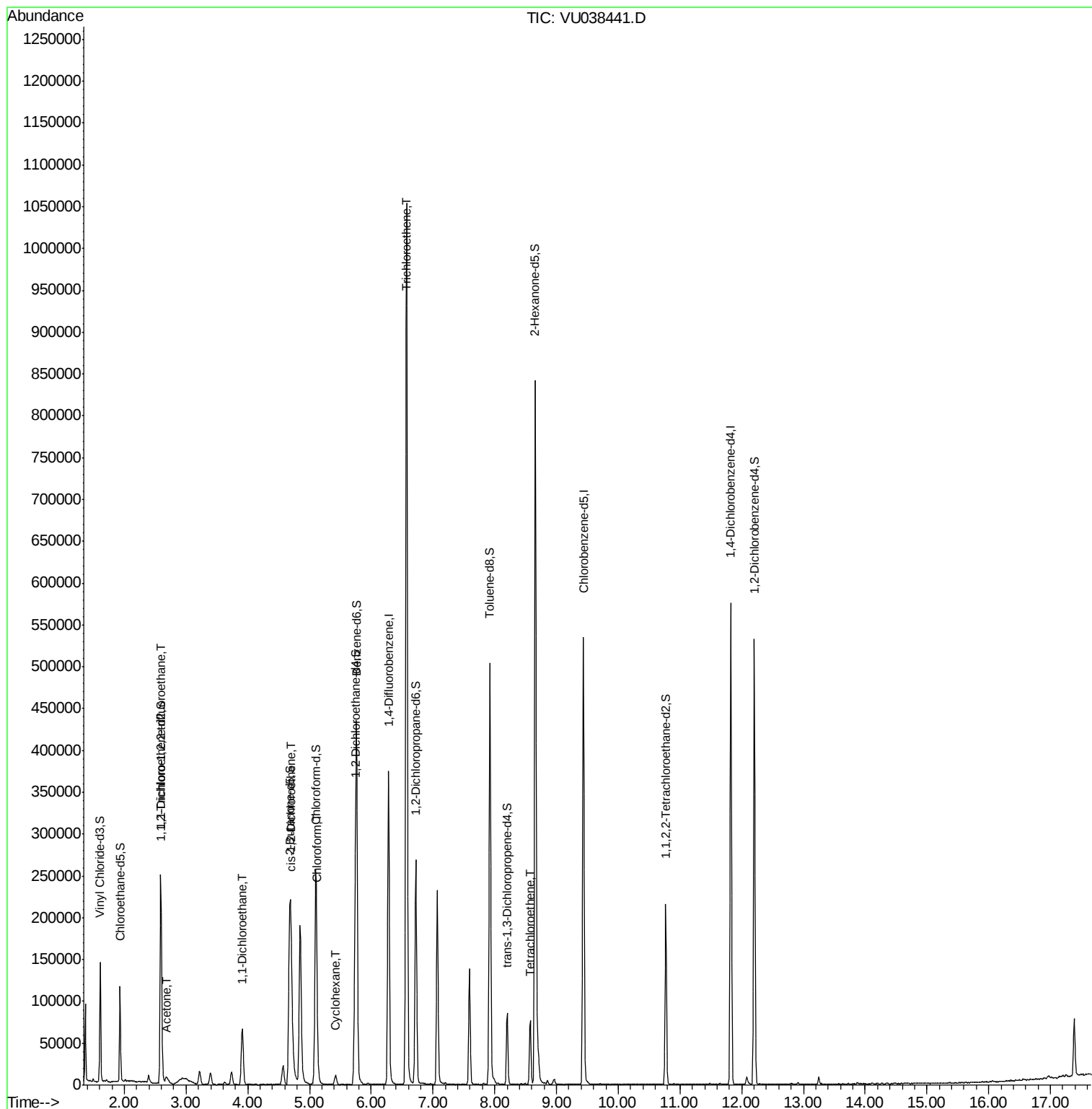
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	13467	0.712	ug/L	97
13) Acetone	2.68	43	16061	4.000	ug/L	96
19) 1,1-Dichloroethane	3.91	63	77082	2.080	ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	23063	1.034	ug/L	98
25) Chloroform	5.12	83	13974	0.371	ug/L	91
30) Cyclohexane	5.42	56	5360	0.158	ug/L	99
34) Trichloroethene	6.57	95	358152	16.151	ug/L	98
47) Tetrachloroethene	8.57	164	17351	1.077	ug/L	97

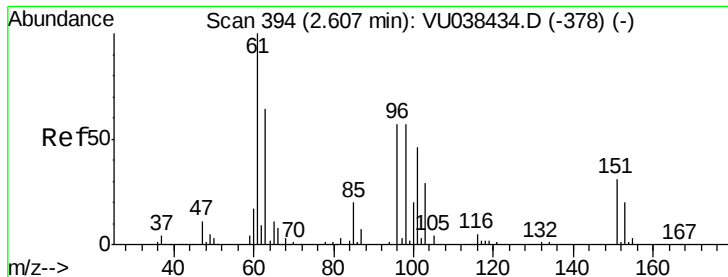
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.712 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038441.D

Acq: 31 May 2020 02:47

Instrument :

MSVOA_U

ClientSampleId :

BFXA5

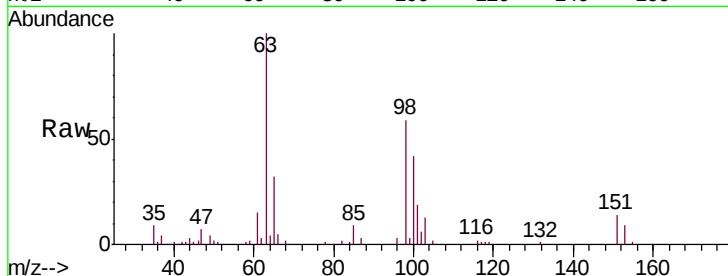
Tgt Ion:101 Resp: 13467

Ion Ratio Lower Upper

101 100

85 40.6 34.0 51.0

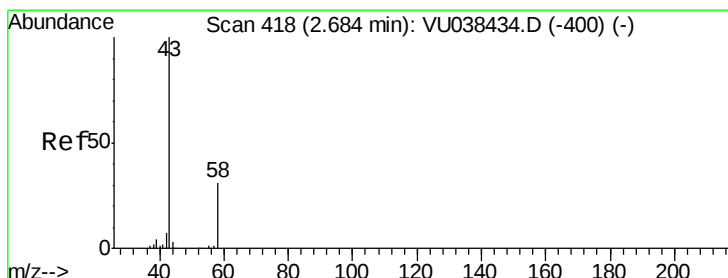
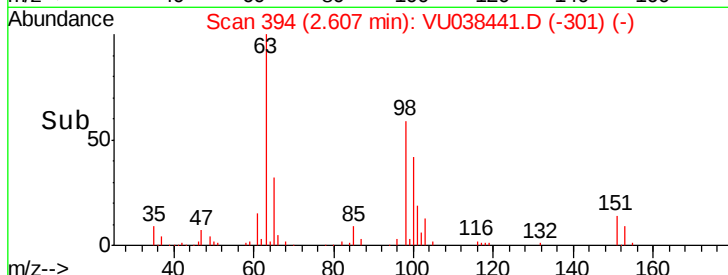
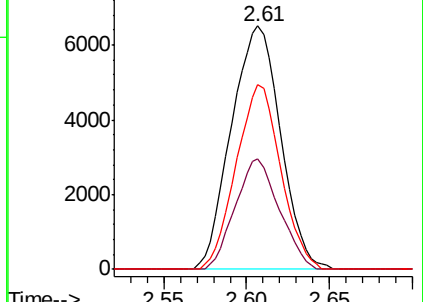
151 68.7 56.9 85.3



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: 4.000 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.00 min

Lab File: VU038441.D

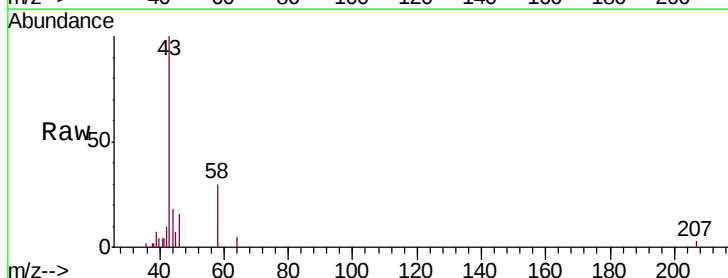
Acq: 31 May 2020 02:47

Tgt Ion: 43 Resp: 16061

Ion Ratio Lower Upper

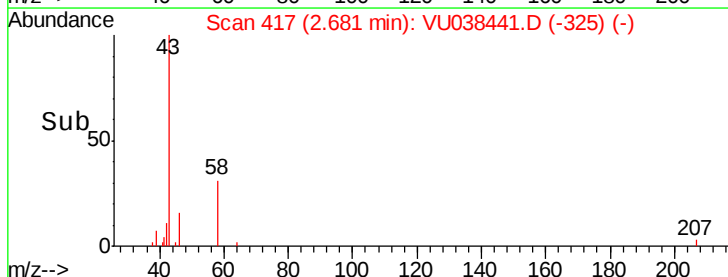
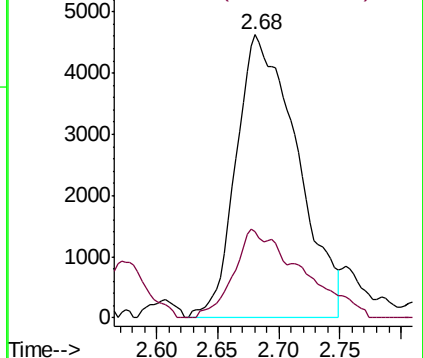
43 100

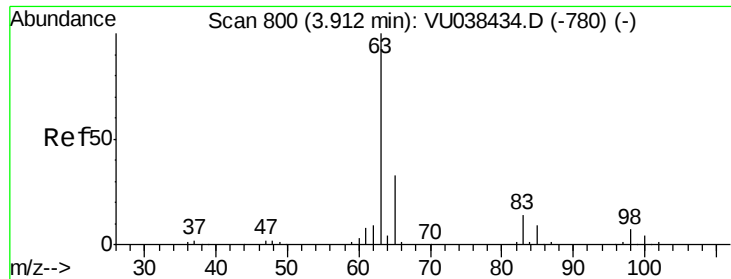
58 34.9 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

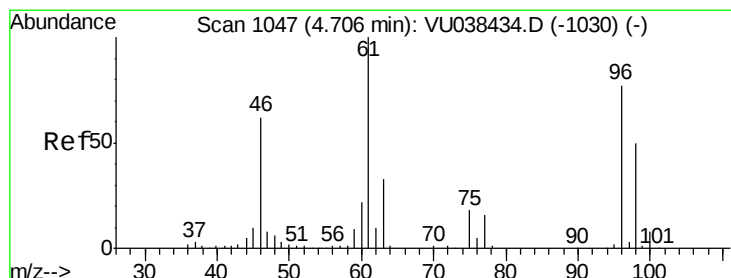
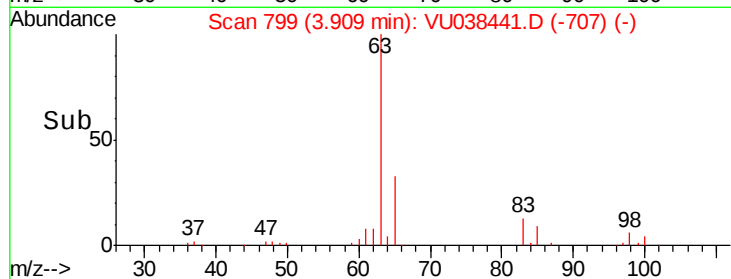
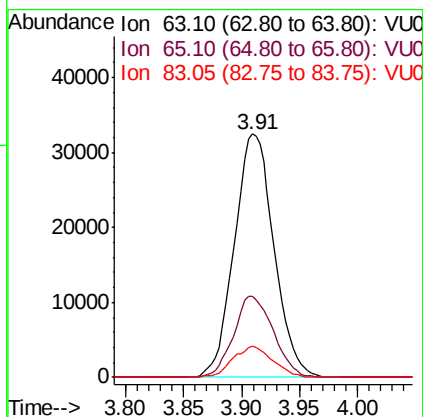
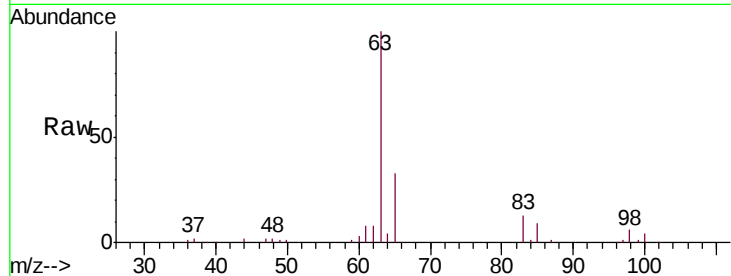




#19
 1,1-Dichloroethane
 Concen: 2.080 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU038441.D
 Acq: 31 May 2020 02:47

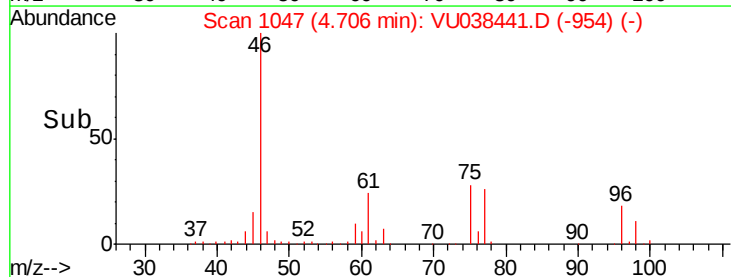
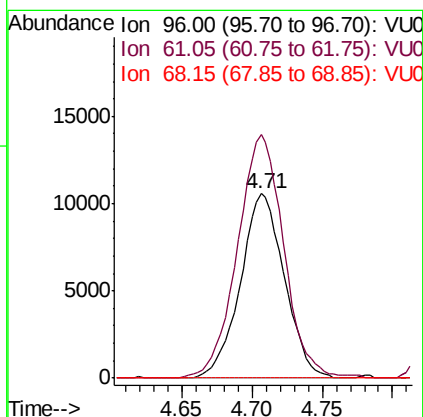
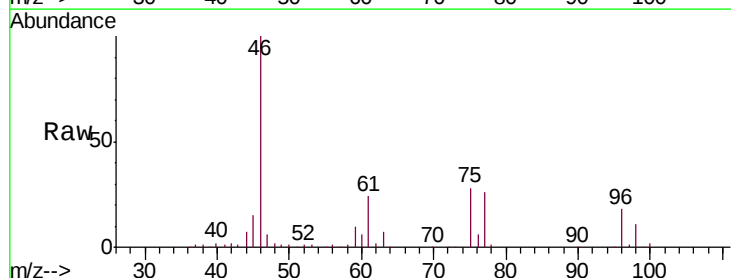
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXA5

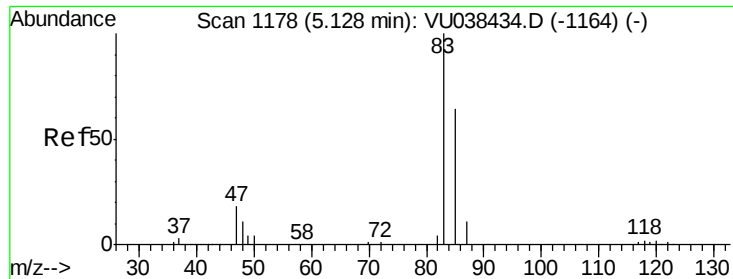
Tgt Ion: 63 Resp: 77082
 Ion Ratio Lower Upper
 63 100
 65 33.1 22.3 41.5
 83 12.9 10.4 19.4



#22
 cis-1,2-Dichloroethene
 Concen: 1.034 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038441.D
 Acq: 31 May 2020 02:47

Tgt Ion: 96 Resp: 23063
 Ion Ratio Lower Upper
 96 100
 61 132.2 94.0 174.6
 68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.371 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038441.D

Acq: 31 May 2020 02:47

Instrument :

MSVOA_U

ClientSampleId :

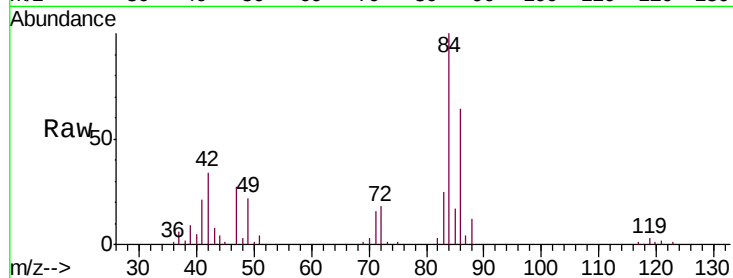
BFXA5

Tgt Ion: 83 Resp: 13974

Ion Ratio Lower Upper

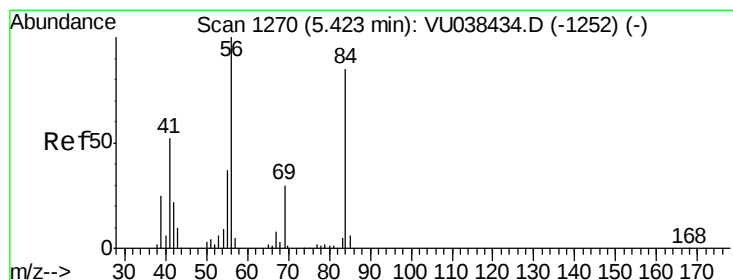
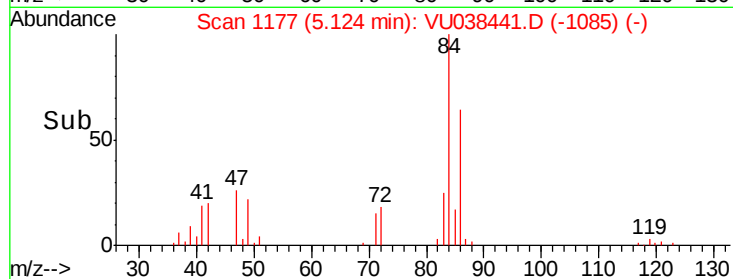
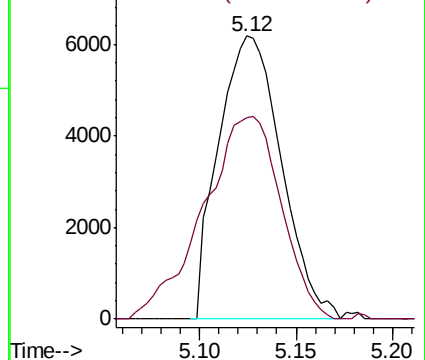
83 100

85 71.2 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#30

Cyclohexane

Concen: 0.158 ug/L

RT: 5.42 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VU038441.D

Acq: 31 May 2020 02:47

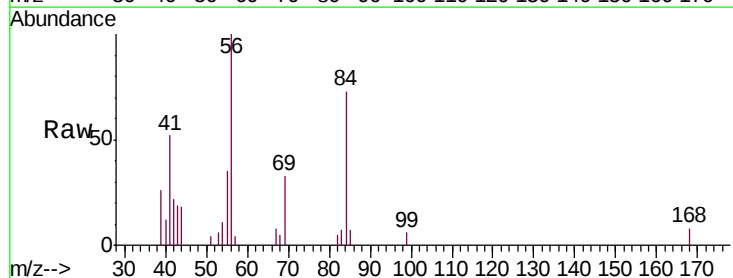
Tgt Ion: 56 Resp: 5360

Ion Ratio Lower Upper

56 100

69 31.1 24.2 36.4

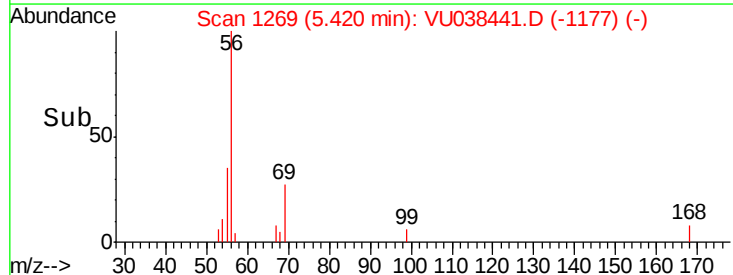
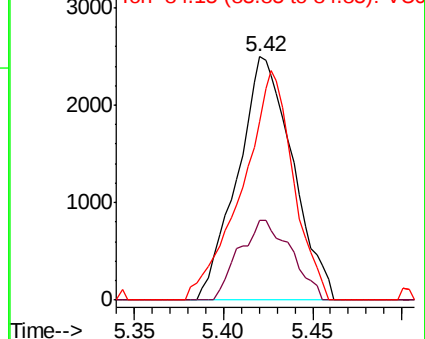
84 87.9 70.8 106.2

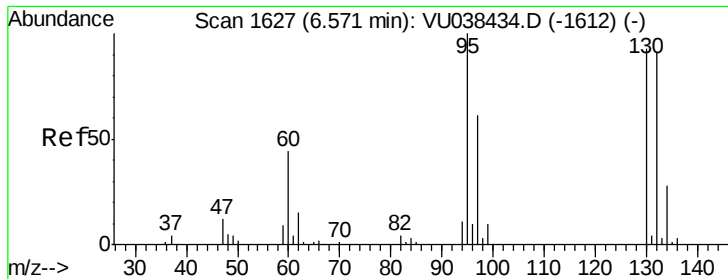


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#34

Trichloroethene

Concen: 16.151 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038441.D

Acq: 31 May 2020 02:47

Instrument :

MSVOA_U

ClientSampleId :

BFXA5

Tgt Ion: 95 Resp: 358152

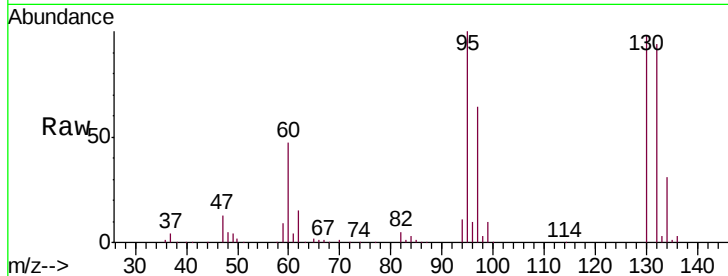
Ion Ratio Lower Upper

95 100

97 64.5 46.8 87.0

132 94.4 66.1 122.7

130 97.7 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

300000

250000

200000

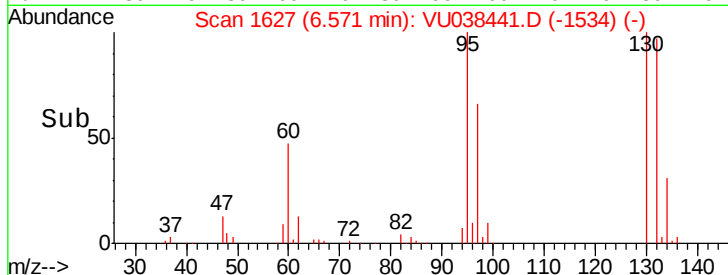
150000

100000

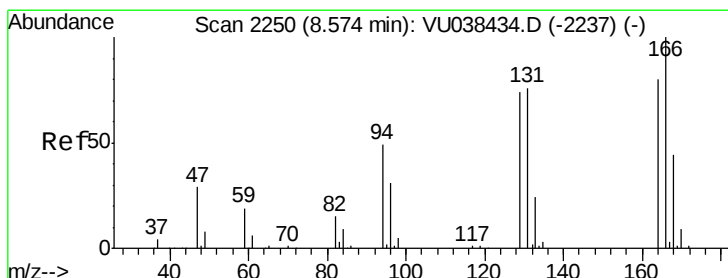
50000

0

Time-->



6.57



#47

Tetrachloroethene

Concen: 1.077 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038441.D

Acq: 31 May 2020 02:47

Tgt Ion: 164 Resp: 17351

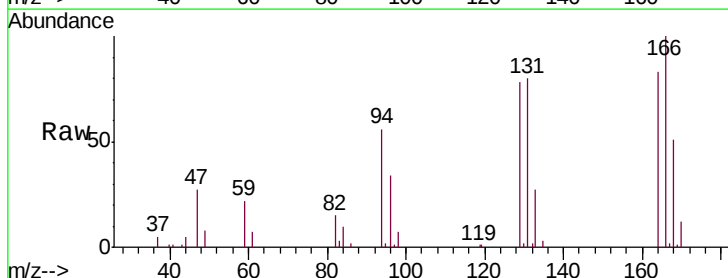
Ion Ratio Lower Upper

164 100

129 93.8 67.4 125.2

131 96.9 64.1 119.1

166 121.0 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

20000

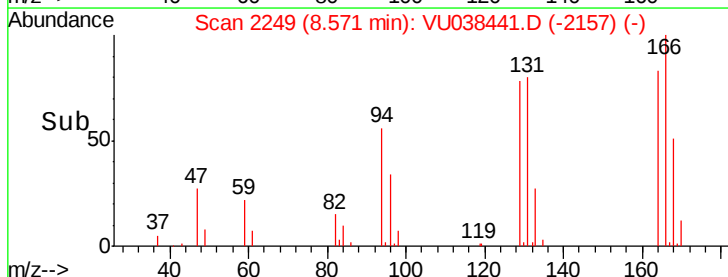
15000

10000

5000

0

Time-->



8.57