

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061220\
 Data File : VU038824.D
 Acq On : 11 Jun 2020 15:01
 Operator : SY/MD
 Sample : L2957-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX43

Quant Time: Jun 12 01:05:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 12 01:02:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	294504	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	295665	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	142011	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	65341	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.93	69	63644	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.59	63	114619	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.67	46	307169	53.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.10%
24) Chloroform-d	5.10	84	176670	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.74	65	105093	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.76	84	335790	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.72	67	105779	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.92	98	274622	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	8.20	79	40960	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.65	63	248585	51.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94046	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	118269	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

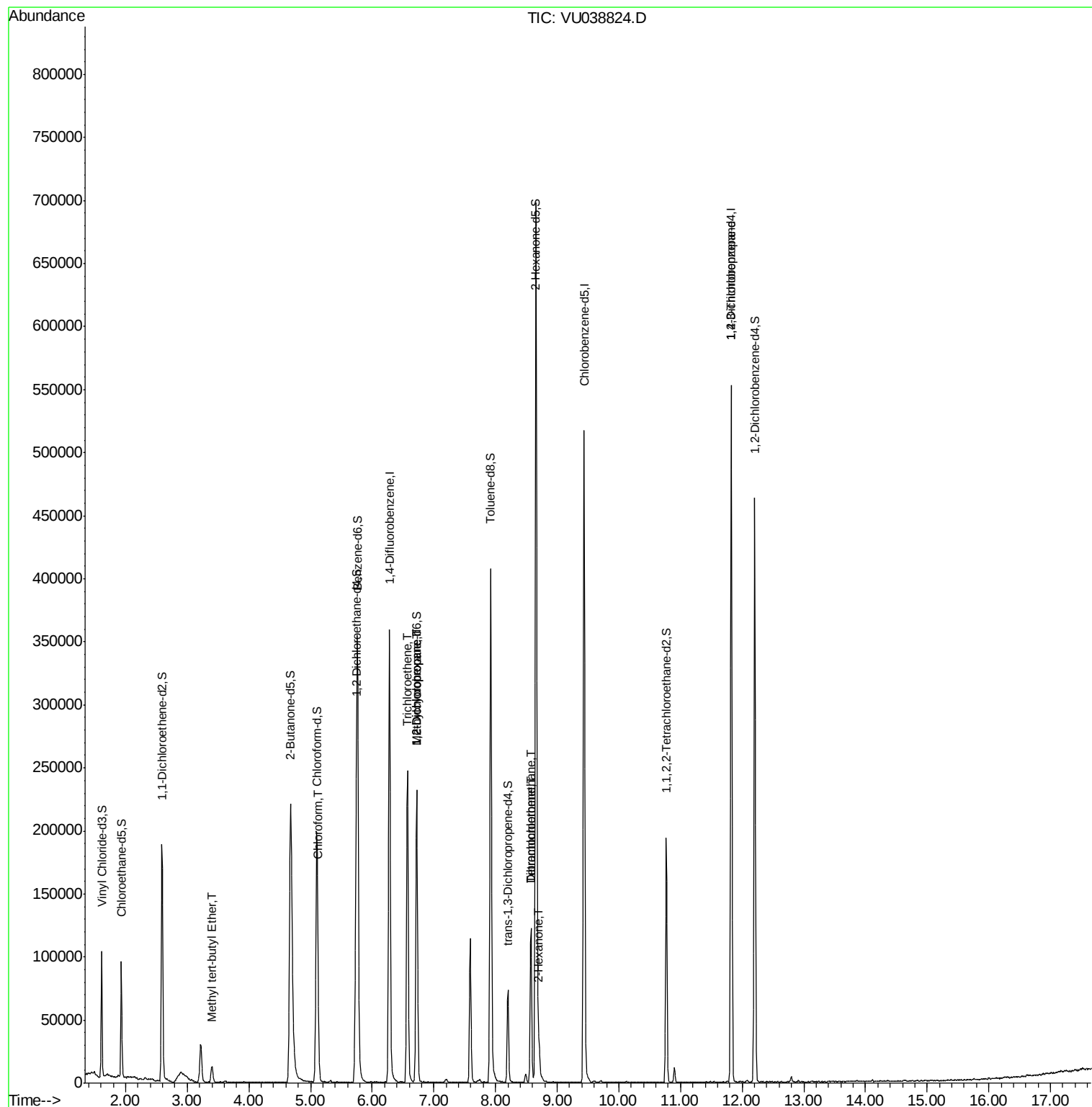
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
17) Methyl tert-butyl Ether	3.40	73	14884	0.313	ug/L	98
25) Chloroform	5.12	83	19271	0.542	ug/L	97
34) Trichloroethene	6.57	95	83865	3.919	ug/L	98
35) Methylcyclohexane	6.72	83	26730	0.807	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11926	0.575	ug/L #	86
47) Tetrachloroethene	8.57	164	27749	1.785	ug/L	99
48) 2-Hexanone	8.71	43	12801	1.139	ug/L	93
49) Dibromochloromethane	8.57	129	26855	1.590	ug/L #	11
59) 1,2,3-Trichloropropane	11.82	75	17567	1.134	ug/L #	86

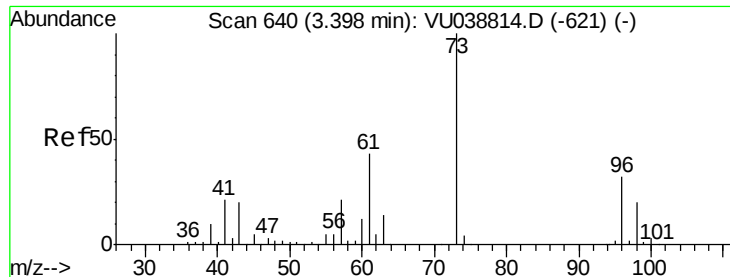
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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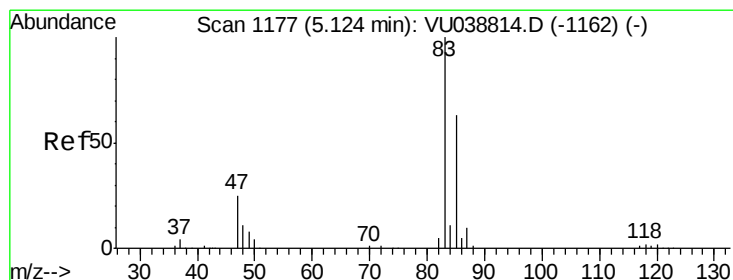
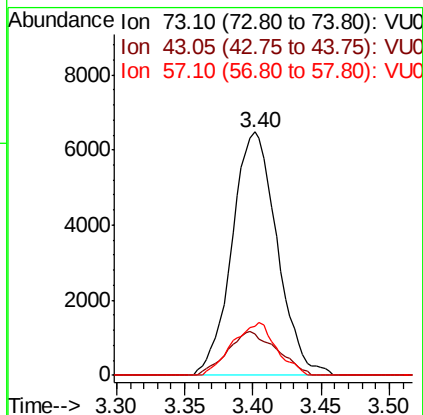
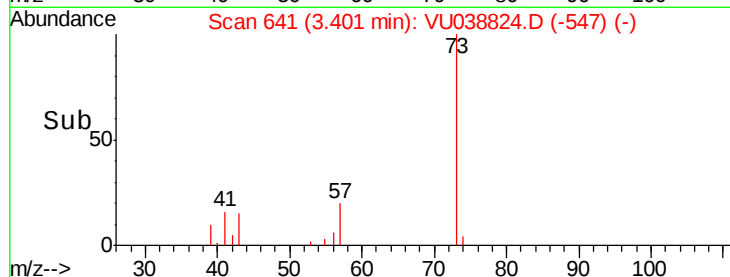
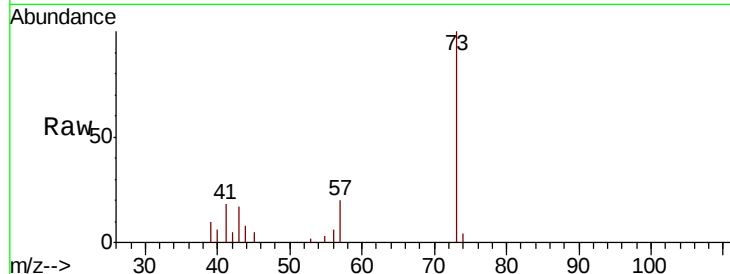




#17
Methvl tert-butvl Ether
Concen: 0.313 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU038824.D
Acq: 11 Jun 2020 15:01

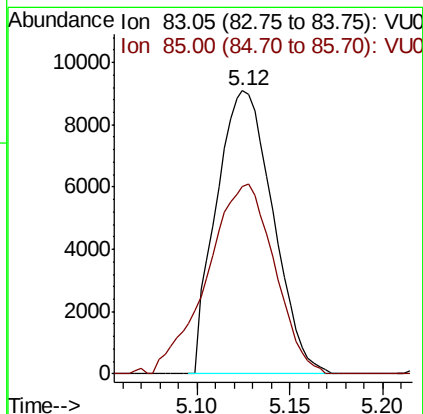
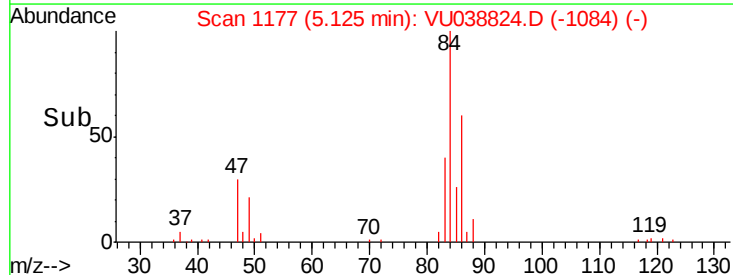
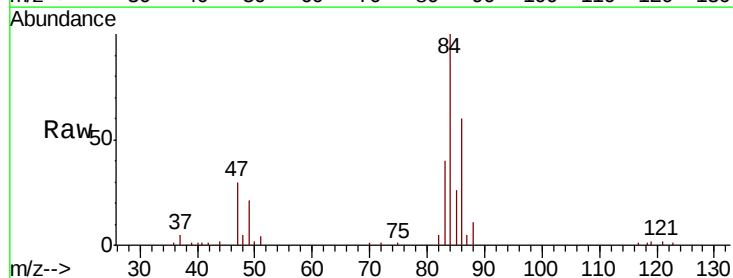
Instrument :
MSVOA_U
ClientSampleId :
BFX43

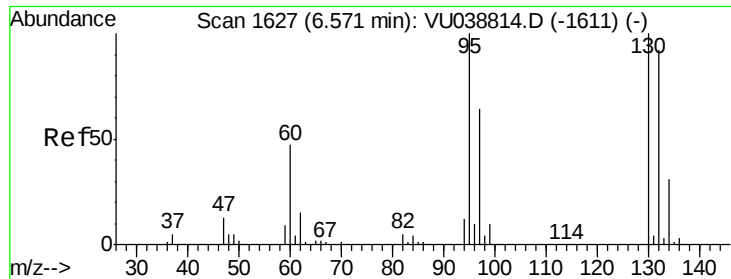
Tot Ion: 73 Resp: 14884
Ion Ratio Lower Upper
73 100
43 19.6 15.5 23.3
57 21.0 17.8 26.6



#25
Chloroform
Concen: 0.542 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU038824.D
Acq: 11 Jun 2020 15:01

Tgt Ion: 83 Resp: 19271
Ion Ratio Lower Upper
83 100
85 66.3 44.9 83.5

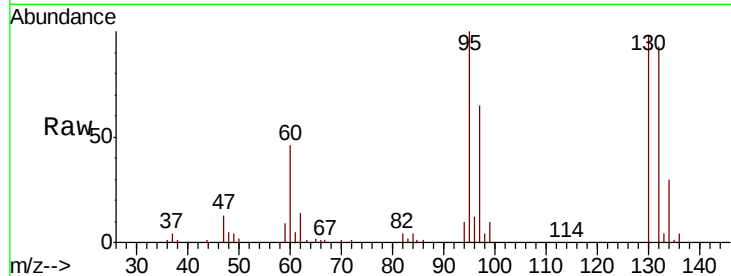




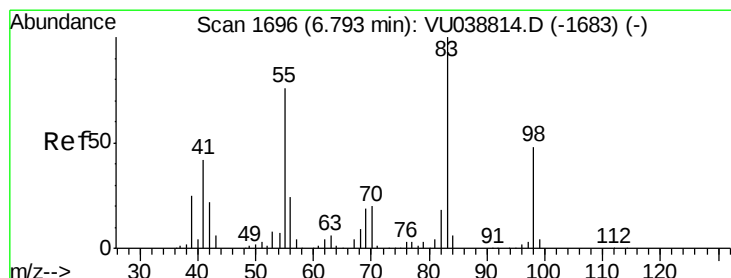
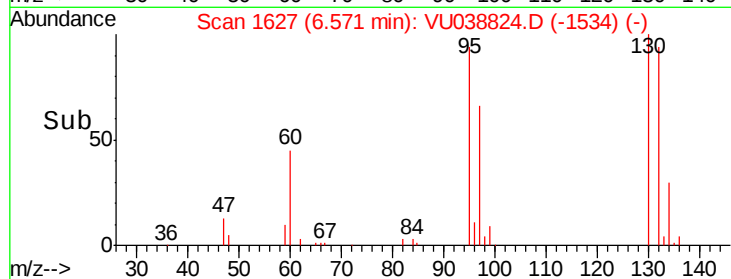
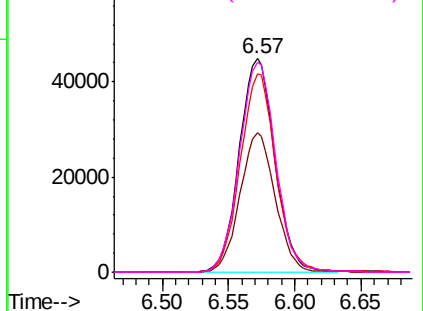
#34
 Trichloroethene
 Concen: 3.919 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038824.D
 Acq: 11 Jun 2020 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX43

Tot Ion: 95 Resp: 83865
 Ion Ratio Lower Upper
 95 100
 97 65.3 46.8 87.0
 132 92.8 66.1 122.7
 130 98.5 70.0 130.0

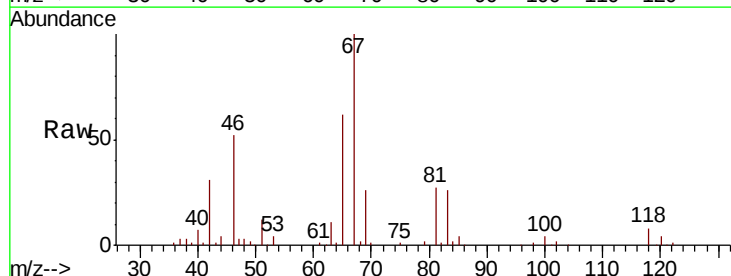


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

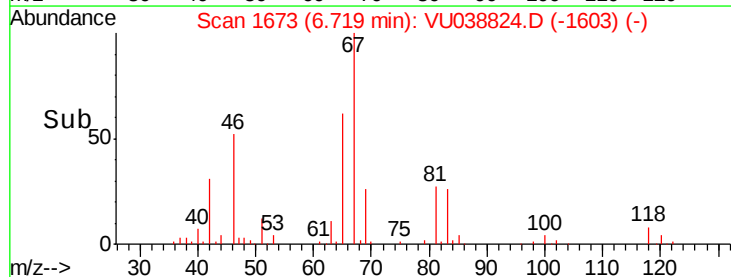
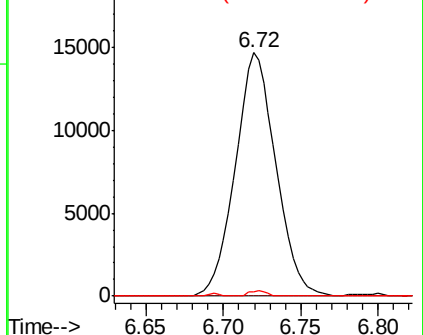


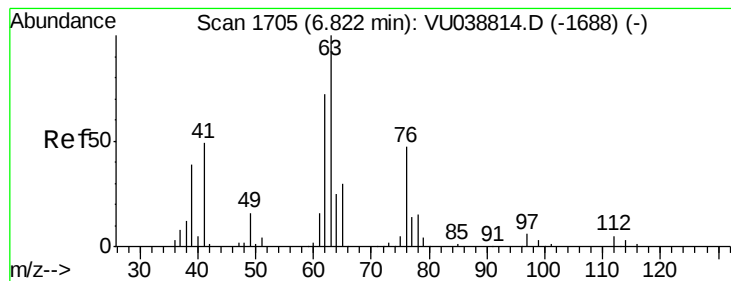
#35
 Methylcyclohexane
 Concen: 0.807 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.07 min
 Lab File: VU038824.D
 Acq: 11 Jun 2020 15:01

Tgt Ion: 83 Resp: 26730
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.4 95.2#
 98 0.9 39.0 58.4#



Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.575 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038824.D

Acq: 11 Jun 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

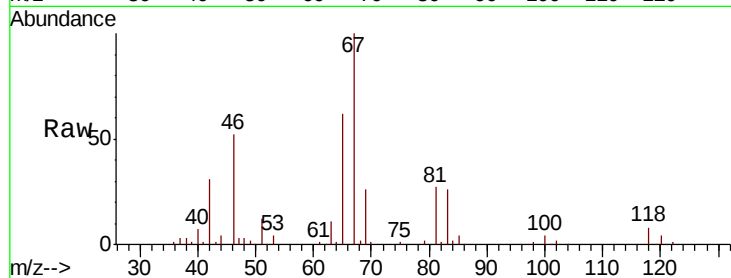
BFX43

Tot Ion: 63 Resp: 11926

Ion Ratio Lower Upper

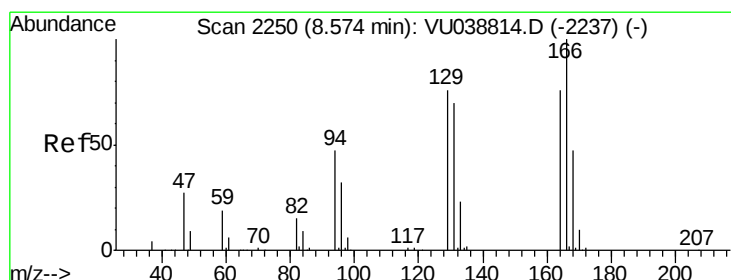
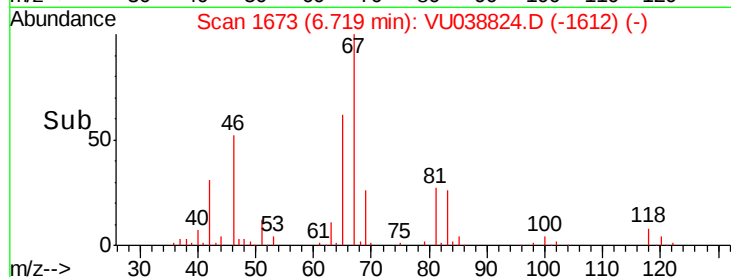
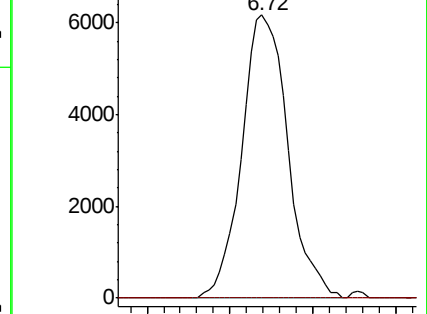
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU038824.D (-1673) (-)

Ion 112.10 (111.80 to 112.80): VU038824.D (-1673) (-)



#47

Tetrachloroethene

Concen: 1.785 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038824.D

Acq: 11 Jun 2020 15:01

Tgt Ion:164 Resp: 27749

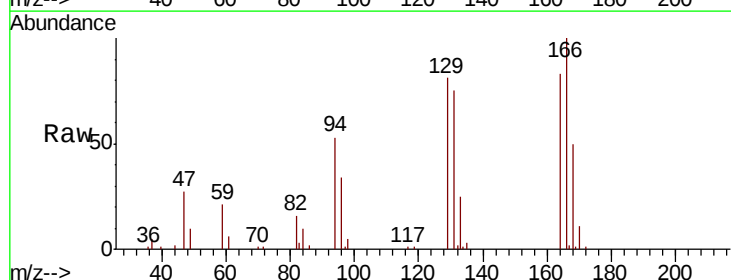
Ion Ratio Lower Upper

164 100

129 97.8 67.4 125.2

131 90.7 64.1 119.1

166 121.0 85.7 159.1

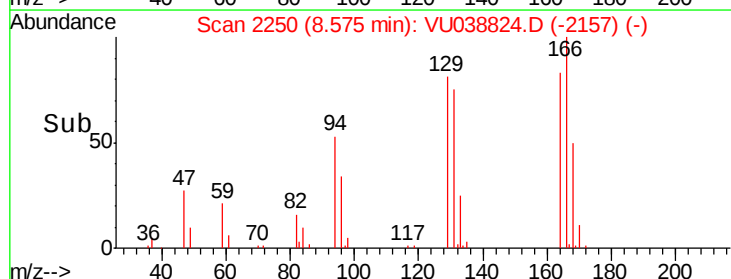
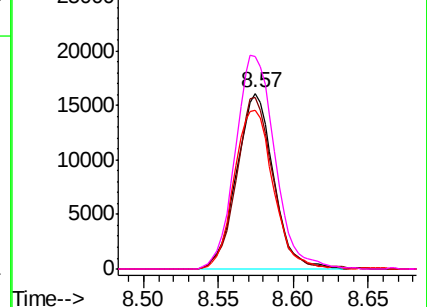


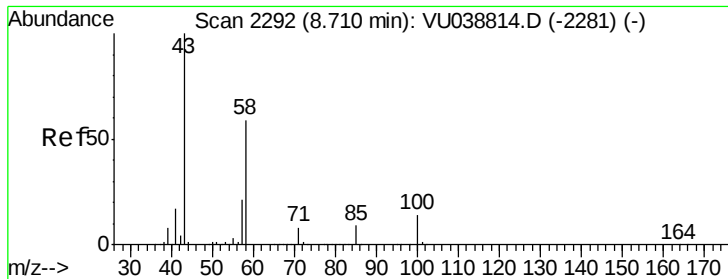
Abundance Ion 163.90 (163.60 to 164.60): VU038824.D (-2157) (-)

Ion 128.95 (128.65 to 129.65): VU038824.D (-2157) (-)

Ion 130.95 (130.65 to 131.65): VU038824.D (-2157) (-)

Ion 165.90 (165.60 to 166.60): VU038824.D (-2157) (-)





#48

2-Hexanone

Concen: 1.139 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038824.D

Acq: 11 Jun 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

BFX43

Tot Ion: 43 Resp: 12801

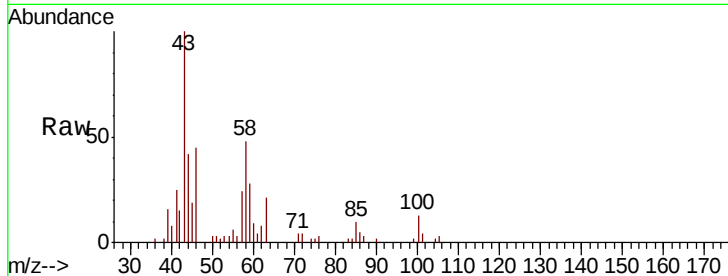
Ion Ratio Lower Upper

43 100

58 51.4 45.4 68.0

57 23.4 15.9 23.9

100 10.8 10.5 15.7

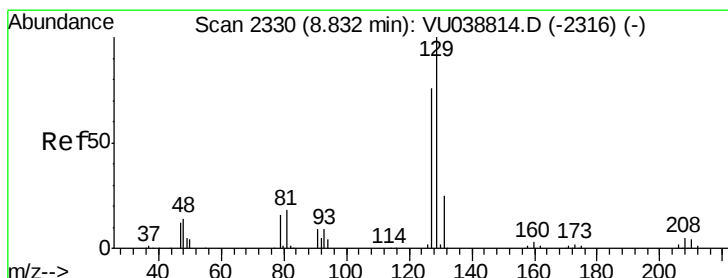
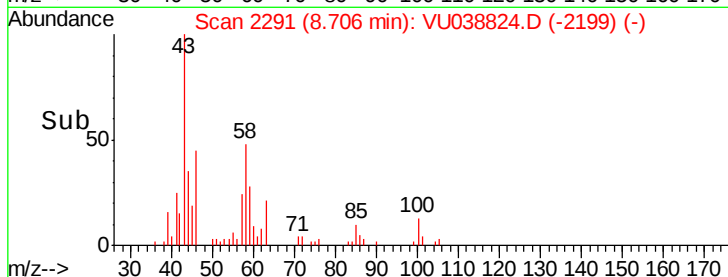
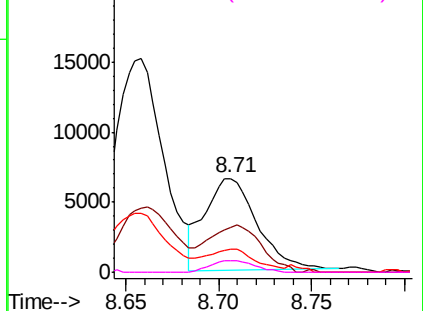


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



#49

Dibromochloromethane

Concen: 1.590 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU038824.D

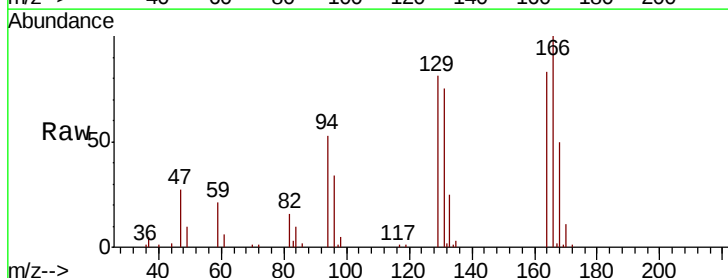
Acq: 11 Jun 2020 15:01

Tgt Ion: 129 Resp: 26855

Ion Ratio Lower Upper

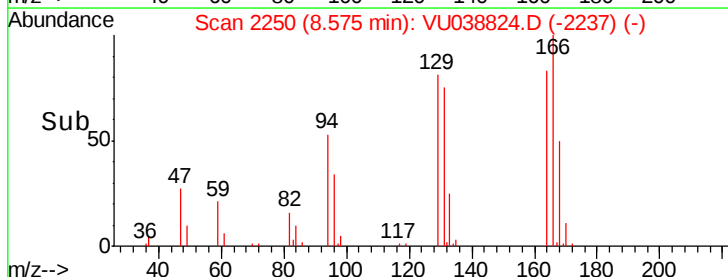
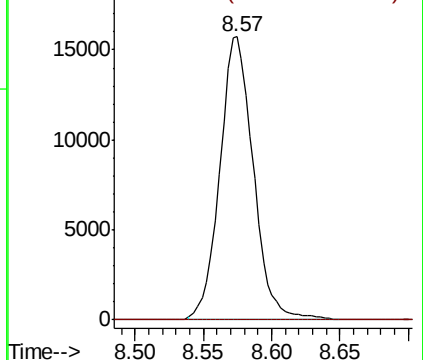
129 100

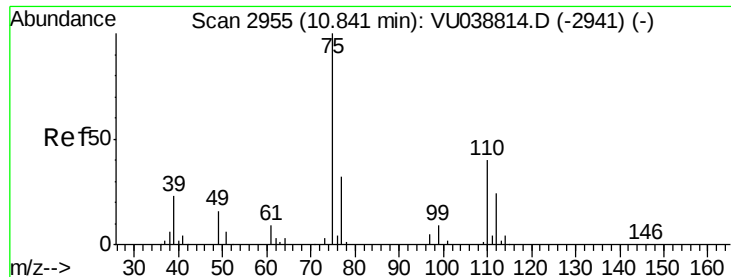
127 0.0 53.3 99.1#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.134 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038824.D

Acq: 11 Jun 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

BFX43

Tot Ion: 75 Resp: 17567

Ion Ratio Lower Upper

75 100

77 39.4 25.4 38.2#

