

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061220\
 Data File : VU038827.D
 Acq On : 11 Jun 2020 16:10
 Operator : SY/MD
 Sample : L2957-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX44

Quant Time: Jun 12 01:05:36 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	279164	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	279588	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	131627	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	69101	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.93	69	66778	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.59	63	117883	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.68	46	330850	60.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.56%
24) Chloroform-d	5.10	84	181567	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.74	65	108353	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.76	84	346056	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.72	67	110370	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.92	98	281443	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.20	79	41852	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.66	63	261935	57.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	99693	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	120714	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

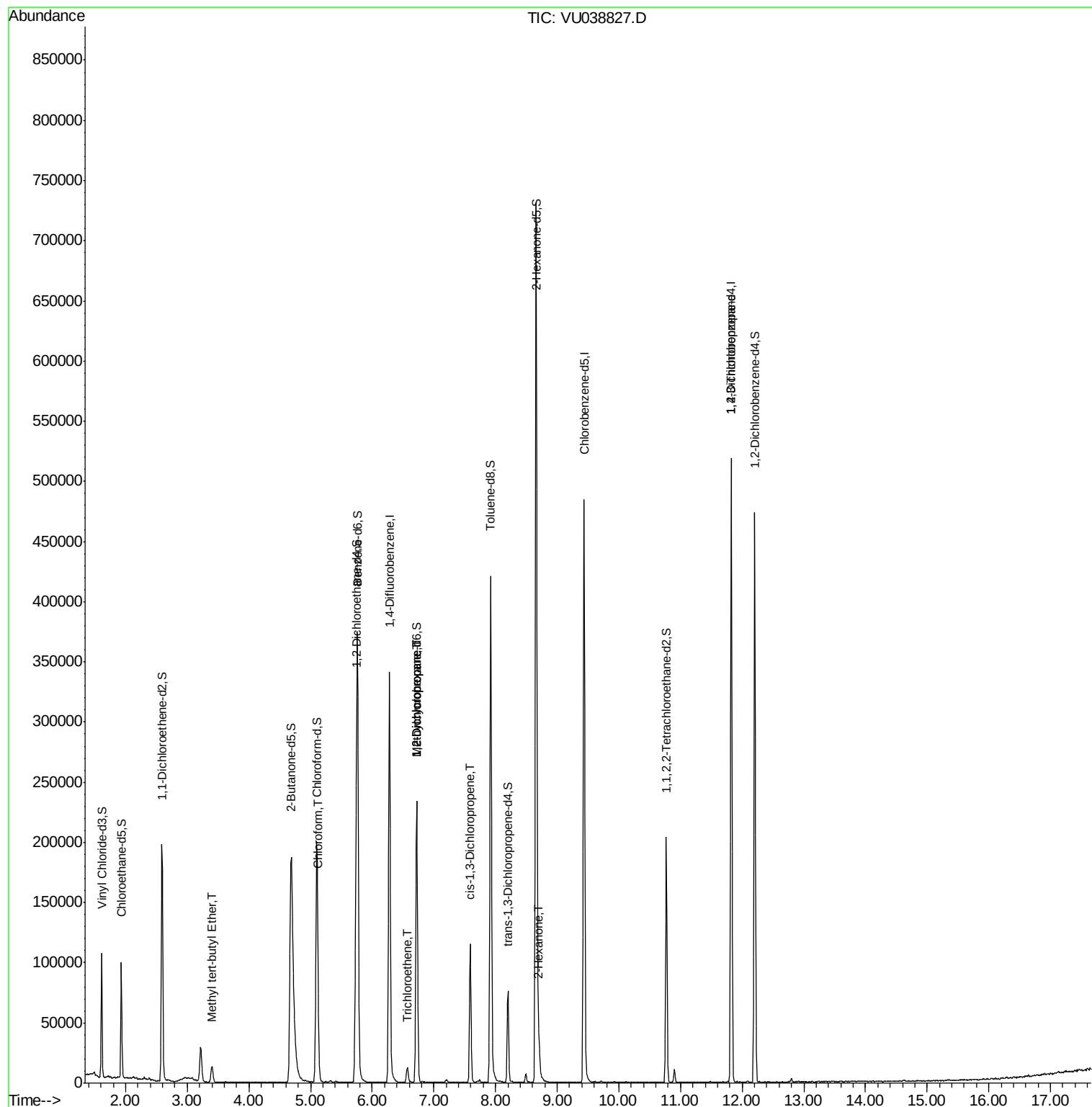
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	14939	0.331 ug/L #	92
25) Chloroform	5.12	83	18026	0.535 ug/L	90
34) Trichloroethene	6.57	95	3680	0.182 ug/L	79
35) Methylcyclohexane	6.72	83	26456	0.844 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12739	0.649 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3177	0.110 ug/L #	58
48) 2-Hexanone	8.71	43	13074	1.230 ug/L #	90
59) 1,2,3-Trichloropropane	11.83	75	15667	1.070 ug/L	90

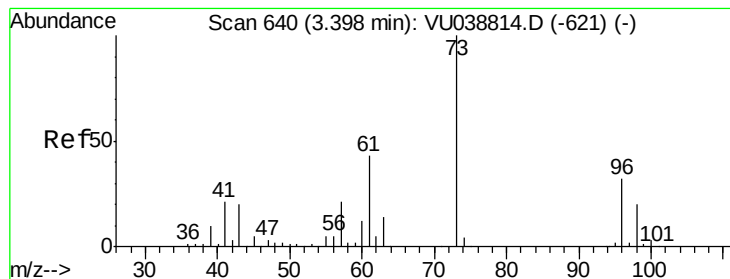
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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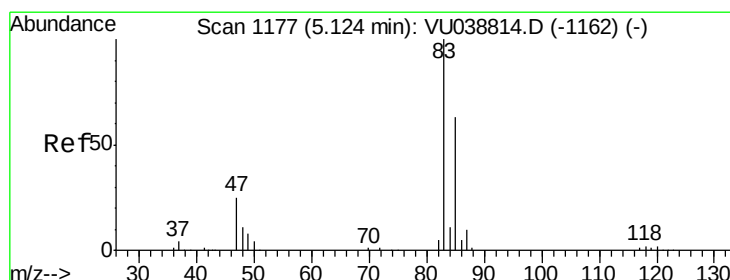
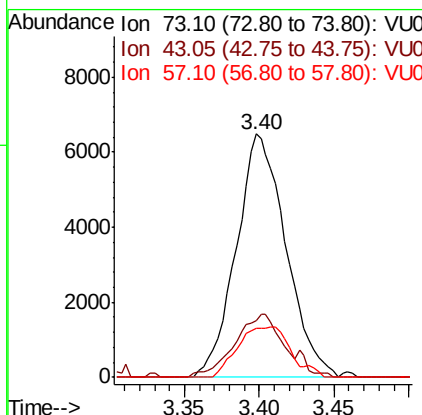
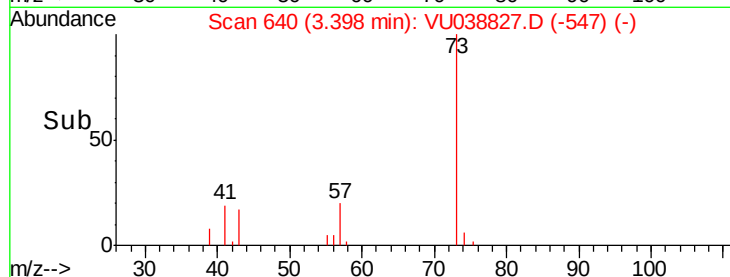
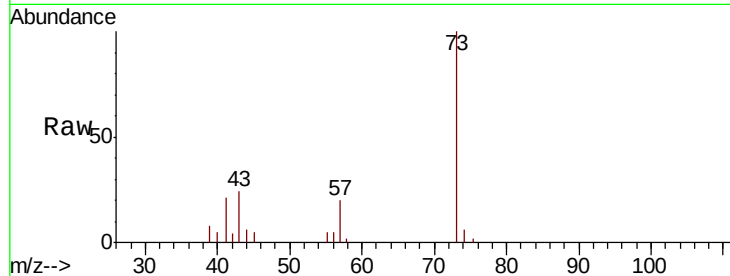




#17
Methyl tert-butyl Ether
Concen: 0.331 ug/L
RT: 3.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: VU038827.D
Acq: 11 Jun 2020 16:10

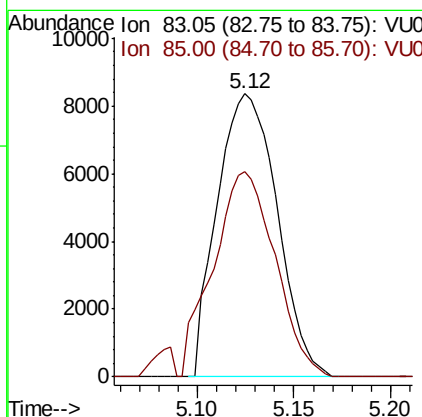
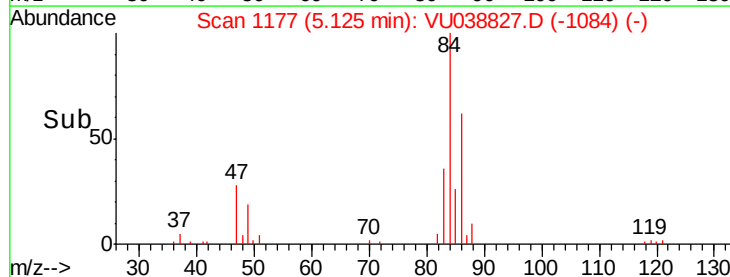
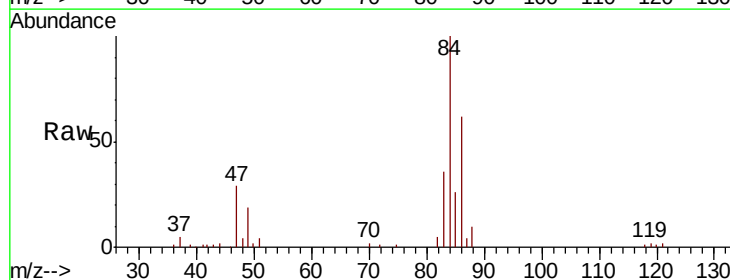
Instrument :
MSVOA_U
ClientSampled :
BFX44

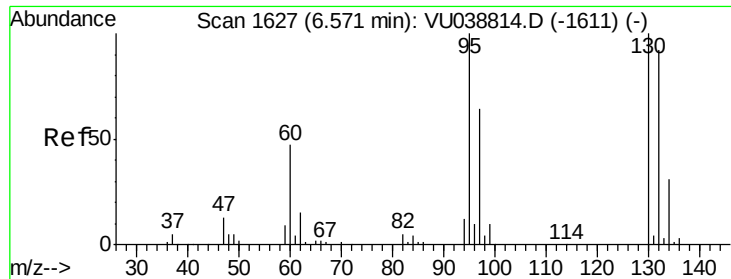
Tot Ion: 73 Resp: 14939
Ion Ratio Lower Upper
73 100
43 26.8 15.5 23.3#
57 22.0 17.8 26.6



#25
Chloroform
Concen: 0.535 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU038827.D
Acq: 11 Jun 2020 16:10

Tgt Ion: 83 Resp: 18026
Ion Ratio Lower Upper
83 100
85 72.4 44.9 83.5

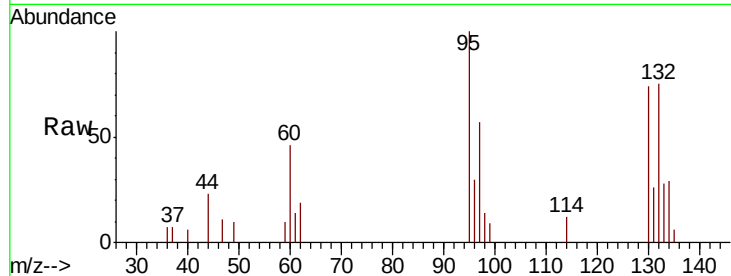




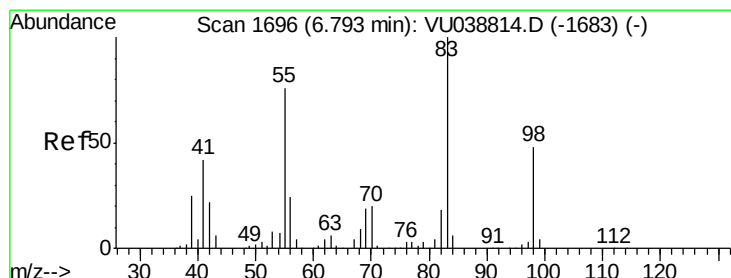
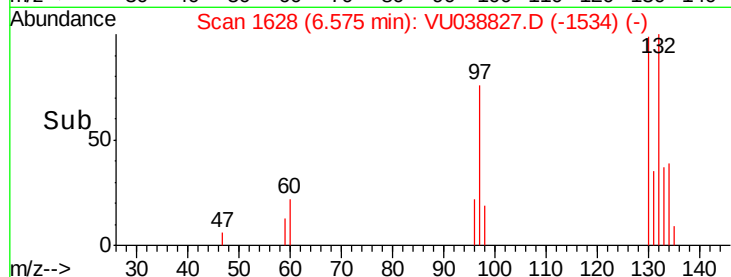
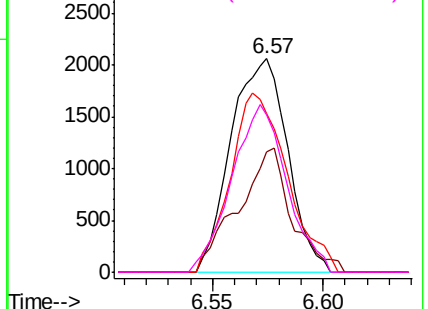
#34
 Trichloroethene
 Concen: 0.182 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU038827.D
 Acq: 11 Jun 2020 16:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX44

Tot Ion: 95 Resp: 3680
 Ion Ratio Lower Upper
 95 100
 97 56.6 46.8 87.0
 132 74.5 66.1 122.7
 130 73.9 70.0 130.0

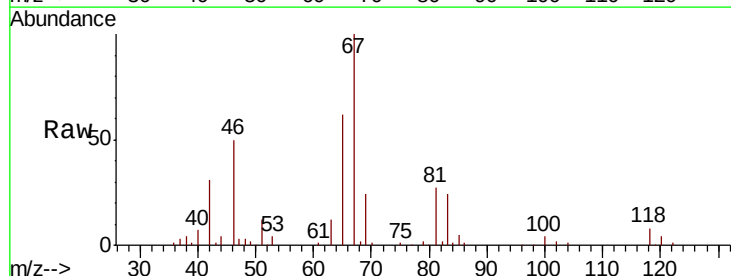


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

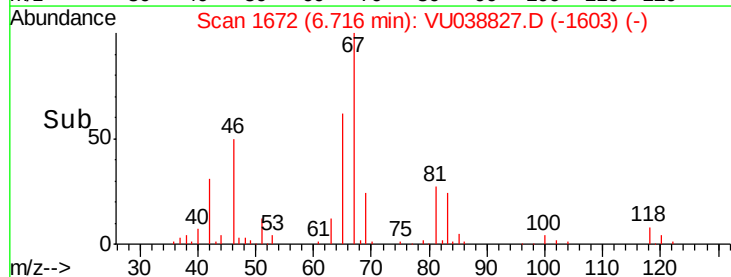
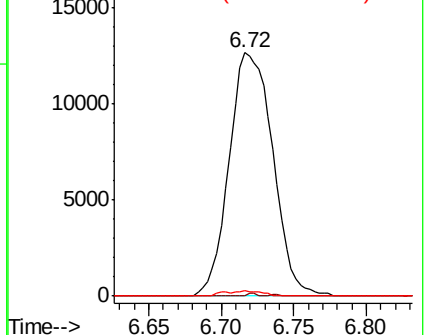


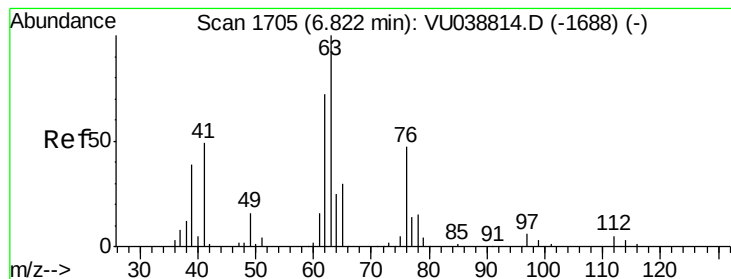
#35
 Methylcyclohexane
 Concen: 0.844 ug/L
 RT: 6.72 min Scan# 1672
 Delta R.T. -0.08 min
 Lab File: VU038827.D
 Acq: 11 Jun 2020 16:10

Tgt Ion: 83 Resp: 26456
 Ion Ratio Lower Upper
 83 100
 55 0.2 63.4 95.2#
 98 1.8 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: 0.649 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038827.D

Acq: 11 Jun 2020 16:10

Instrument :

MSVOA_U

ClientSampleId :

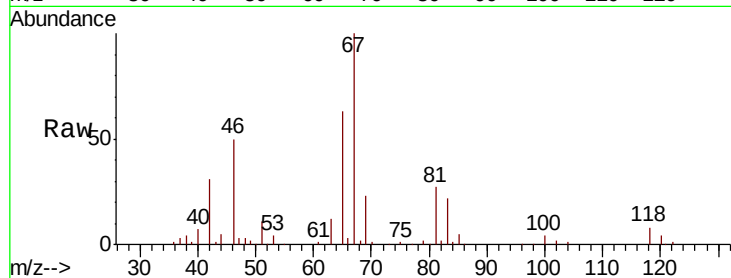
BFX44

Tot Ion: 63 Resp: 12739

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU038814.D (-1688) (-)

Ion 112.10 (111.80 to 112.80): VU038814.D (-1688) (-)

8000

6000

4000

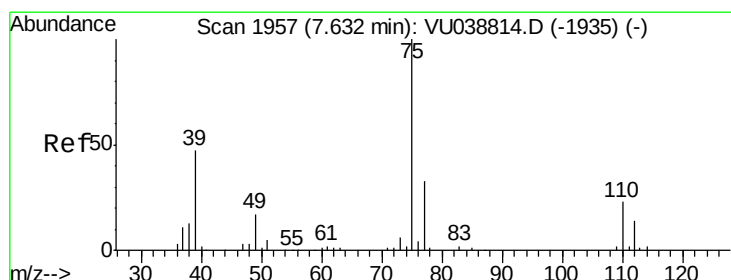
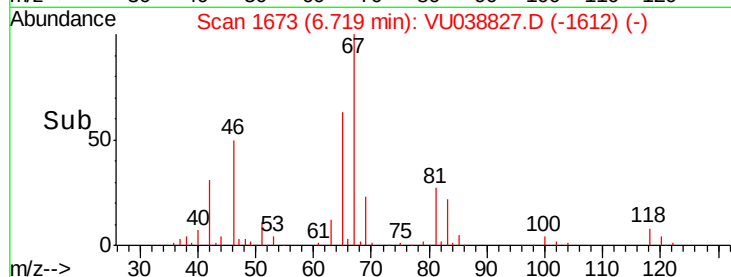
2000

0

6.65 6.70 6.75 6.80

6.72

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038827.D

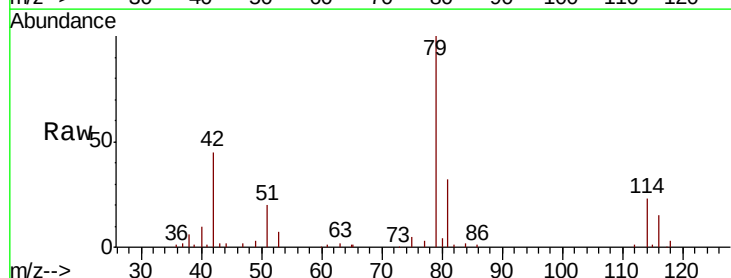
Acq: 11 Jun 2020 16:10

Tgt Ion: 75 Resp: 3177

Ion Ratio Lower Upper

75 100

77 54.5 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038814.D (-1935) (-)

Ion 77.05 (76.75 to 77.75): VU038814.D (-1935) (-)

2000

1500

1000

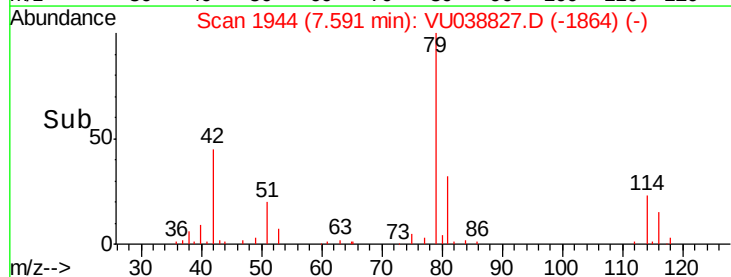
500

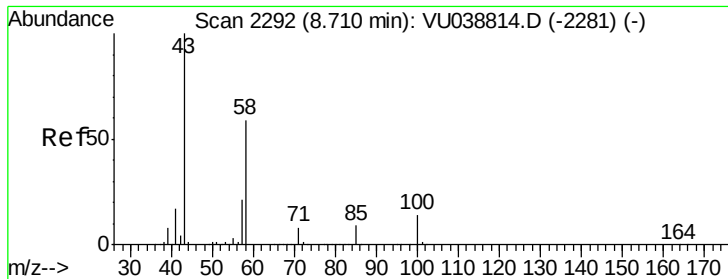
0

7.55 7.60 7.65

7.59

Time-->

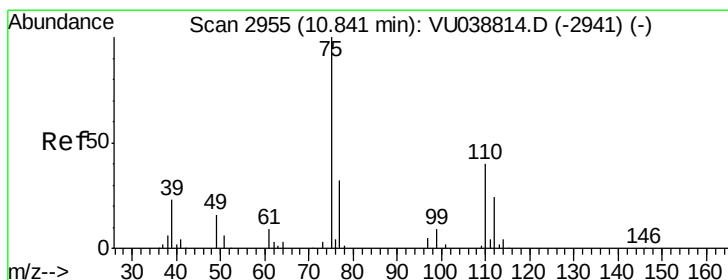
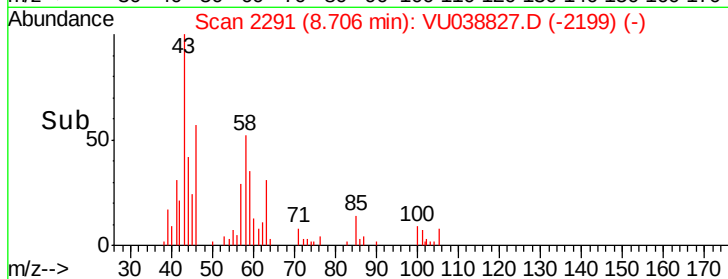
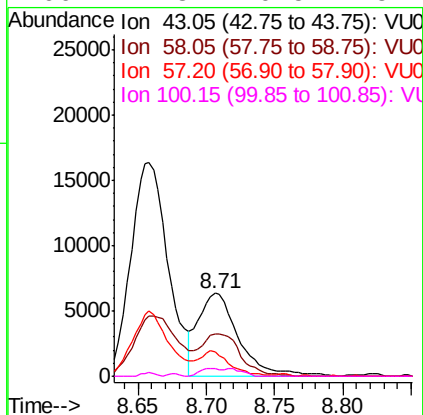
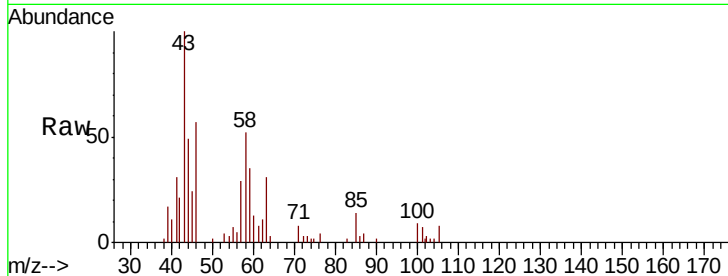




#48
 2-Hexanone
 Concen: 1.230 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038827.D
 Acq: 11 Jun 2020 16:10

Instrument :
 MSVOA_U
 ClientSampled :
 BFX44

Tot Ion: 43 Resp: 13074
 Ion Ratio Lower Upper
 43 100
 58 49.7 45.4 68.0
 57 22.3 15.9 23.9
 100 4.8 10.5 15.7#



#59
 1,2,3-Trichloropropane
 Concen: 1.070 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038827.D
 Acq: 11 Jun 2020 16:10

Tgt Ion: 75 Resp: 15667
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.4 38.2

