

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038177.D
 Acq On : 14 May 2020 18:14
 Operator : JC/MD
 Sample : L2653-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:09:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	331227	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	324548	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	154062	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	103429	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	1.93	69	105664	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.59	63	140355	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.67	46	427775	57.23	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.46%
24) Chloroform-d	5.10	84	210948	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.74	65	126434	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.76	84	433640	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.72	67	147049	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.92	98	374251	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.20	79	50999	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.65	63	357283	60.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	127234	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	145140	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

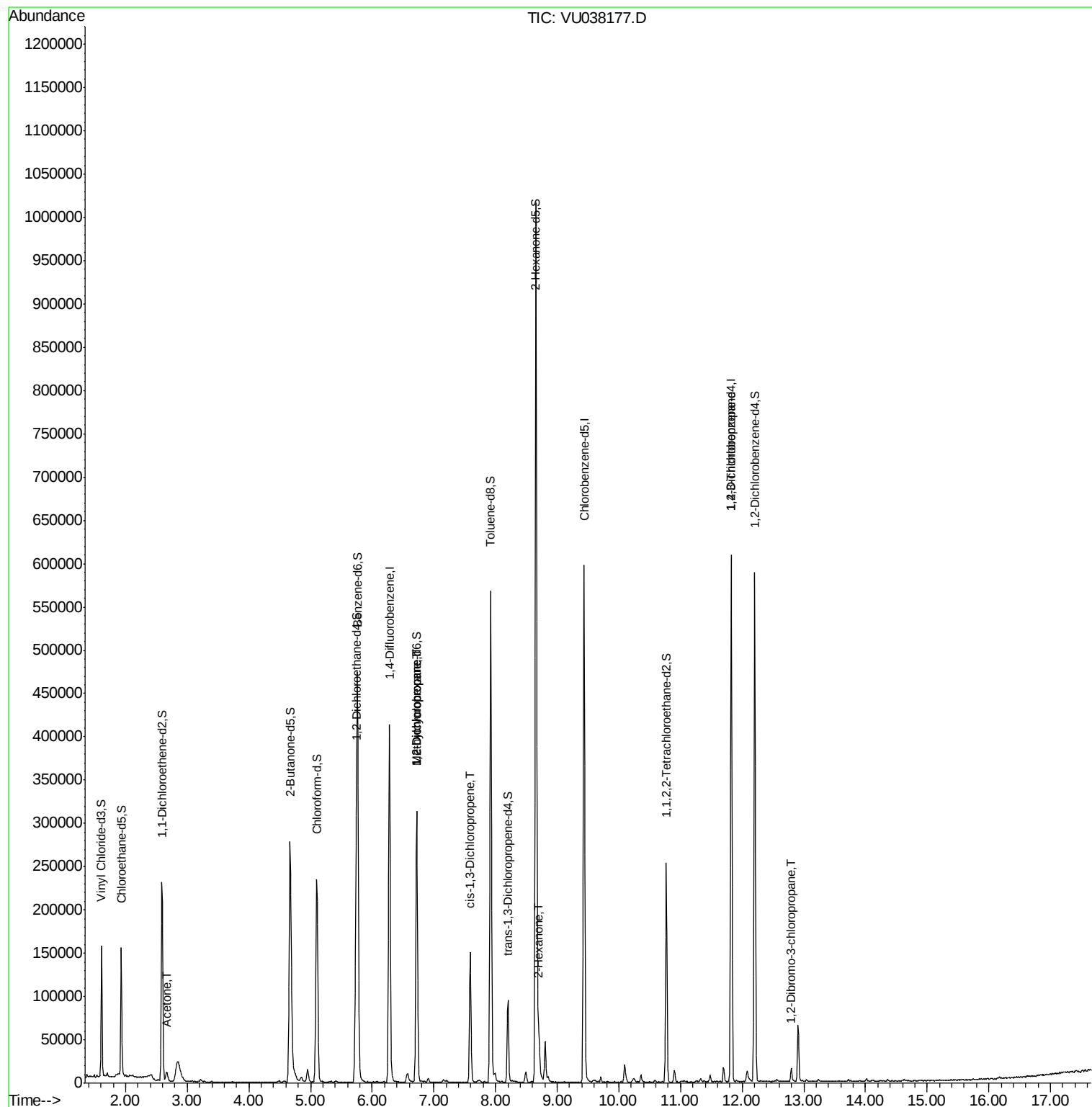
					Ovalue
13) Acetone	2.66	43	15932	3.397	ug/L 100
35) Methylcyclohexane	6.72	83	31829	0.756	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	15650	0.554	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	3094	0.077	ug/L # 45
48) 2-Hexanone	8.70	43	23748	1.657	ug/L 97
59) 1,2,3-Trichloropropane	11.82	75	20941	1.105	ug/L 91
66) 1,2-Dibromo-3-chloropropan	12.79	75	808	0.205	ug/L # 8

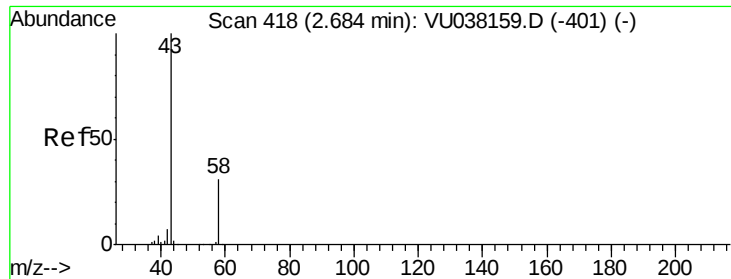
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 15 01:05:40 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.397 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU038177.D

Acq: 14 May 2020 18:14

Instrument :

MSVOA_U

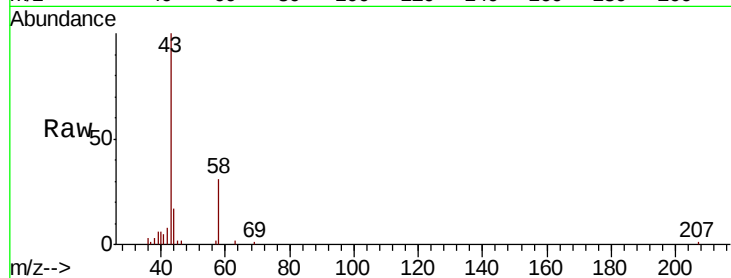
ClientSampleId :

Tot Ion: 43 Resp: 15932

Ion Ratio Lower Upper

43 100

58 31.9 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038159.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038159.D (-401) (-)

8000

6000

4000

2000

0

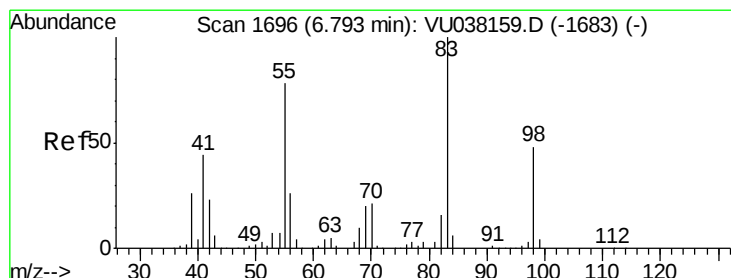
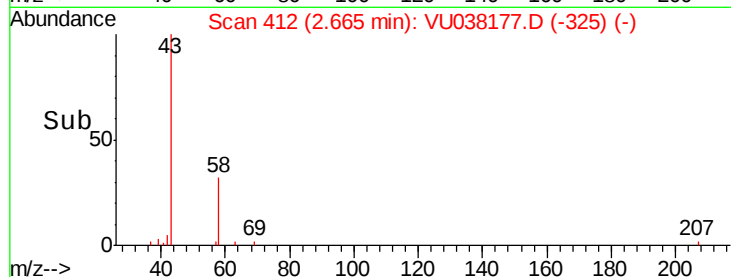
2.60

2.65

2.70

2.75

Time-->



#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038177.D

Acq: 14 May 2020 18:14

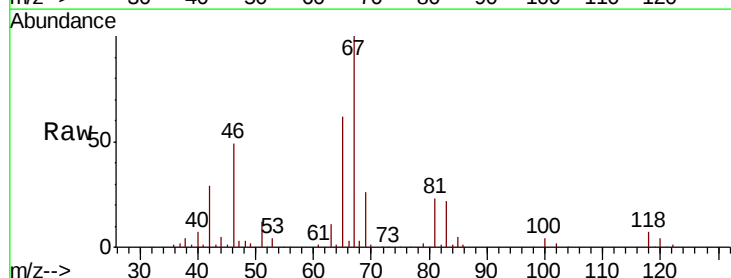
Tgt Ion: 83 Resp: 31829

Ion Ratio Lower Upper

83 100

55 0.5 66.7 100.1#

98 1.4 39.4 59.2#



Abundance Ion 83.15 (82.85 to 83.85): VU038159.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU038159.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU038159.D (-1683) (-)

20000

15000

10000

5000

0

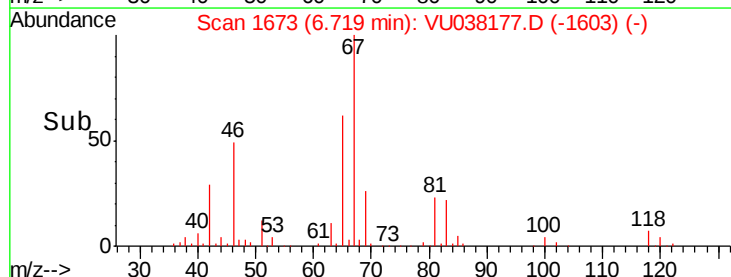
6.65

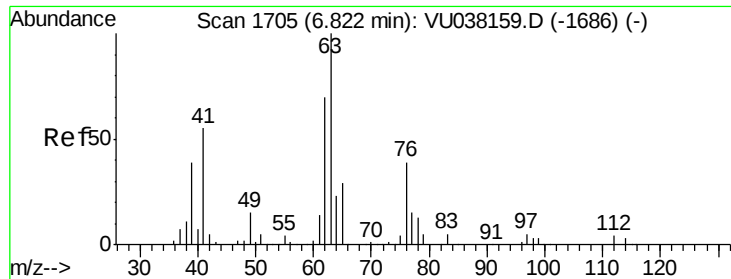
6.70

6.75

6.80

Time-->

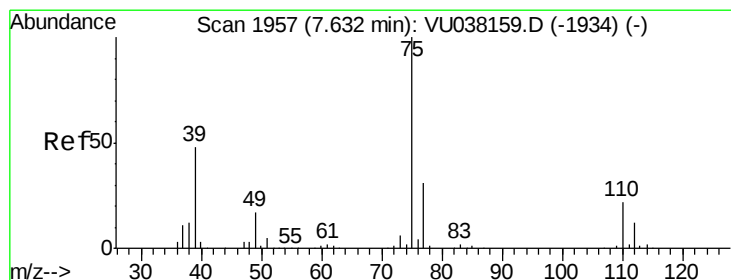
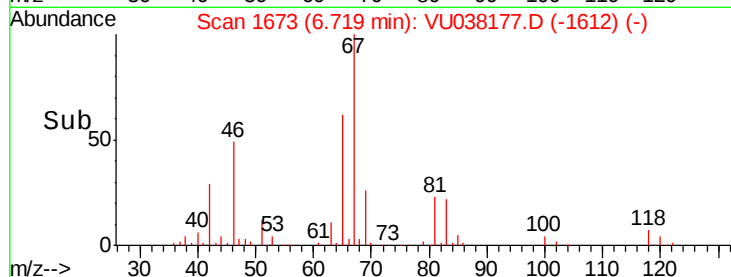
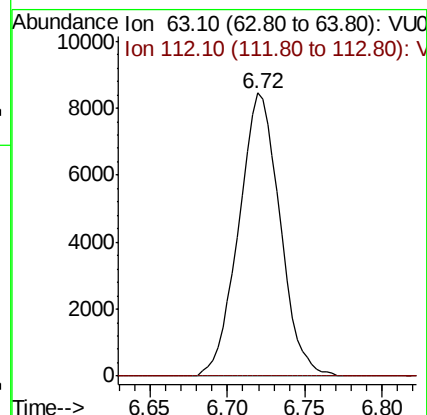
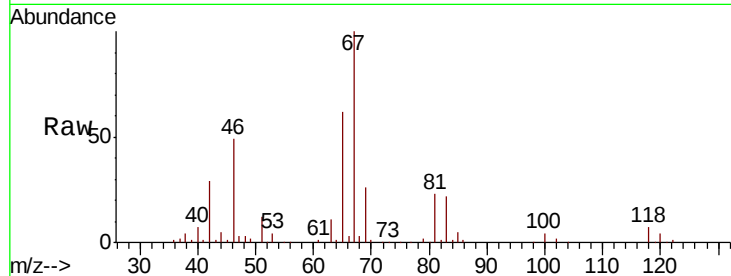




#37
 1,2-Dichloropropane
 Concen: 0.554 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038177.D
 Acq: 14 May 2020 18:14

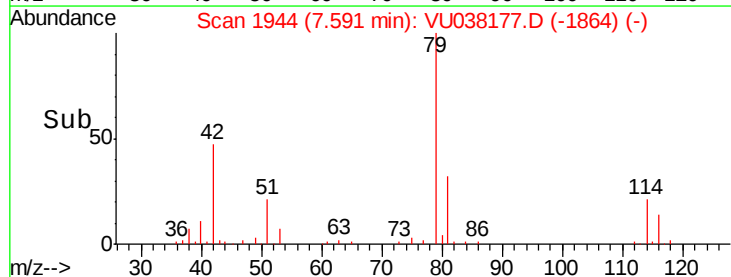
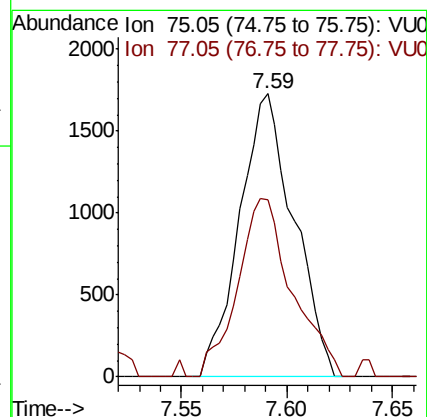
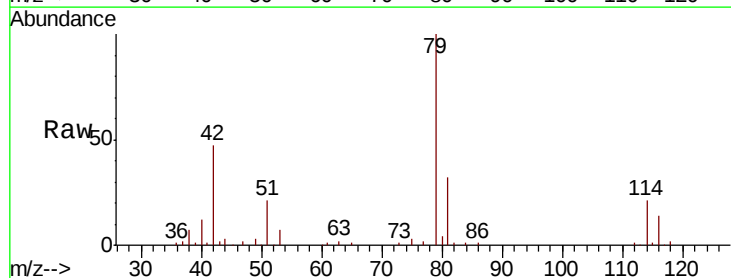
Instrument :
 MSVOA_U
 ClientSampleID :

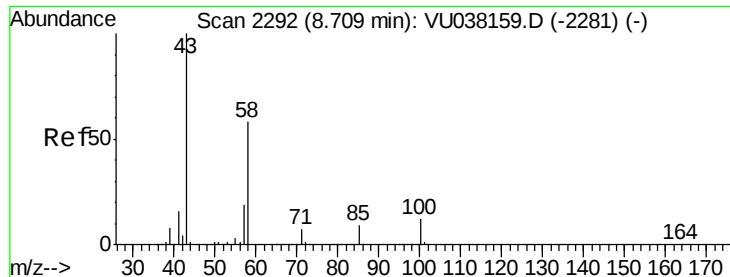
Tot Ion: 63 Resp: 15650
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038177.D
 Acq: 14 May 2020 18:14

Tgt Ion: 75 Resp: 3094
 Ion Ratio Lower Upper
 75 100
 77 62.4 22.4 41.6#

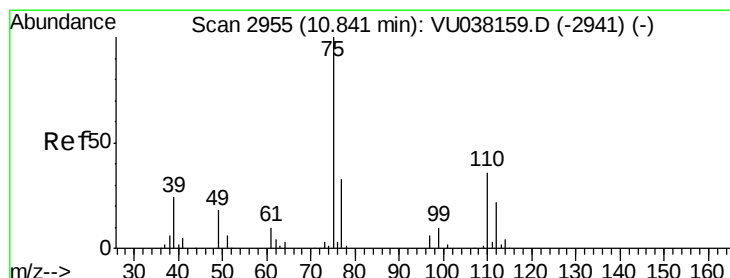
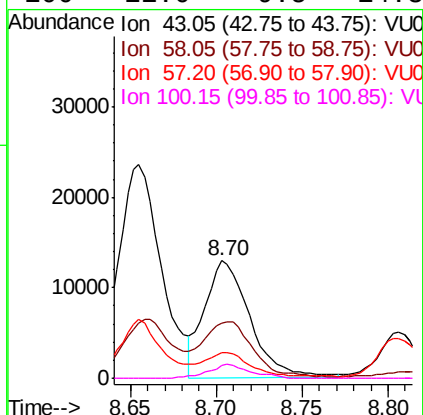
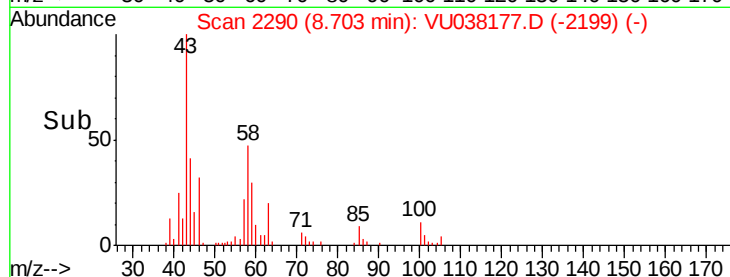
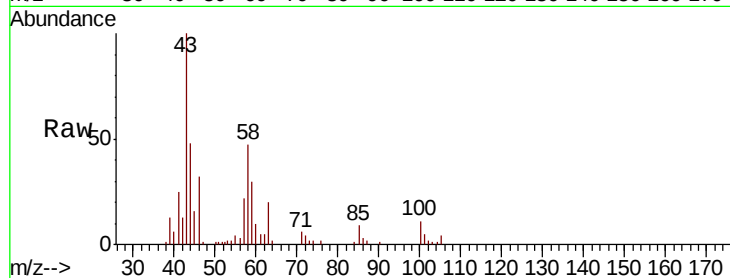




#48
2-Hexanone
Concen: 1.657 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.01 min
Lab File: VU038177.D
Acq: 14 May 2020 18:14

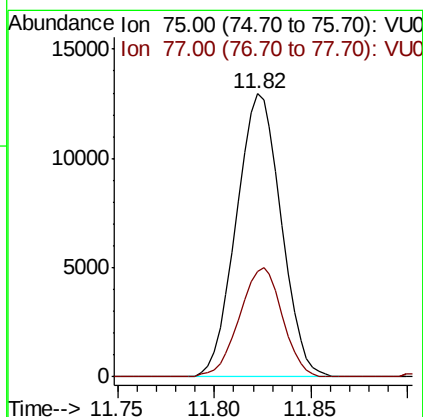
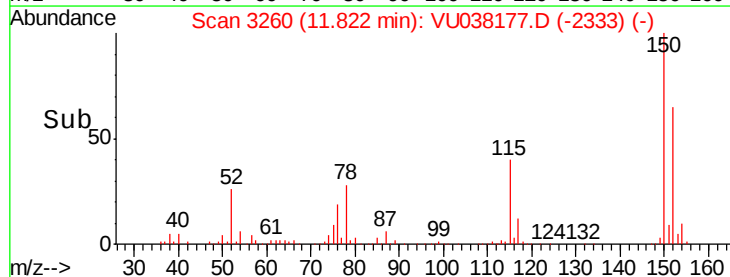
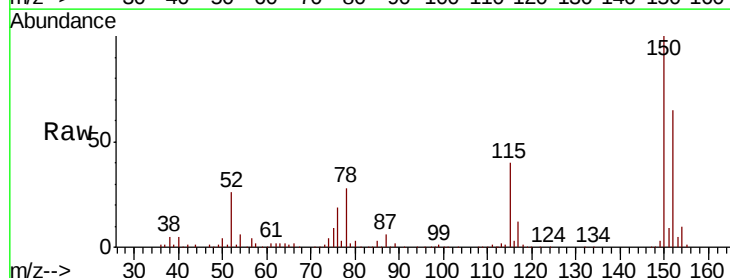
Instrument :
MSVOA_U
ClientSampled :

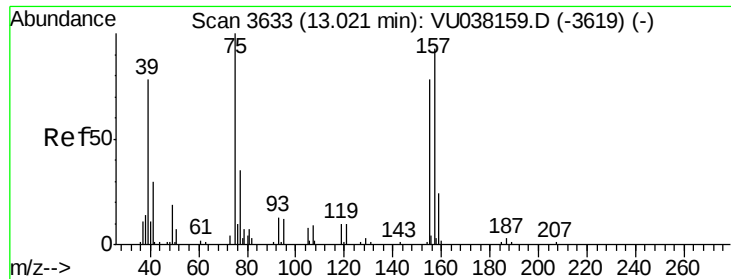
Tot Ion: 43 Resp: 23748
Ion Ratio Lower Upper
43 100
58 54.7 45.2 67.8
57 20.6 15.5 23.3
100 11.0 9.5 14.3



#59
1,2,3-Trichloropropane
Concen: 1.105 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038177.D
Acq: 14 May 2020 18:14

Tgt Ion: 75 Resp: 20941
Ion Ratio Lower Upper
75 100
77 36.7 25.4 38.0





#66

1,2-Dibromo-3-chloropropane

Concen: 0.205 ug/L

RT: 12.79 min Scan# 3562

Delta R.T. -0.23 min

Lab File: VU038177.D

Acq: 14 May 2020 18:14

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 808

Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.2#

157 0.0 72.9 109.3#

