

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038178.D
 Acq On : 14 May 2020 18:37
 Operator : JC/MD
 Sample : L2653-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:09:44 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	330713	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	320466	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	150368	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	103400	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.93	69	103686	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.59	63	139673	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.67	46	410091	54.95	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.90%
24) Chloroform-d	5.10	84	204656	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.74	65	126047	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.76	84	426223	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.72	67	145471	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.92	98	369679	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.20	79	49914	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.65	63	341833	58.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122686	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	140685	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

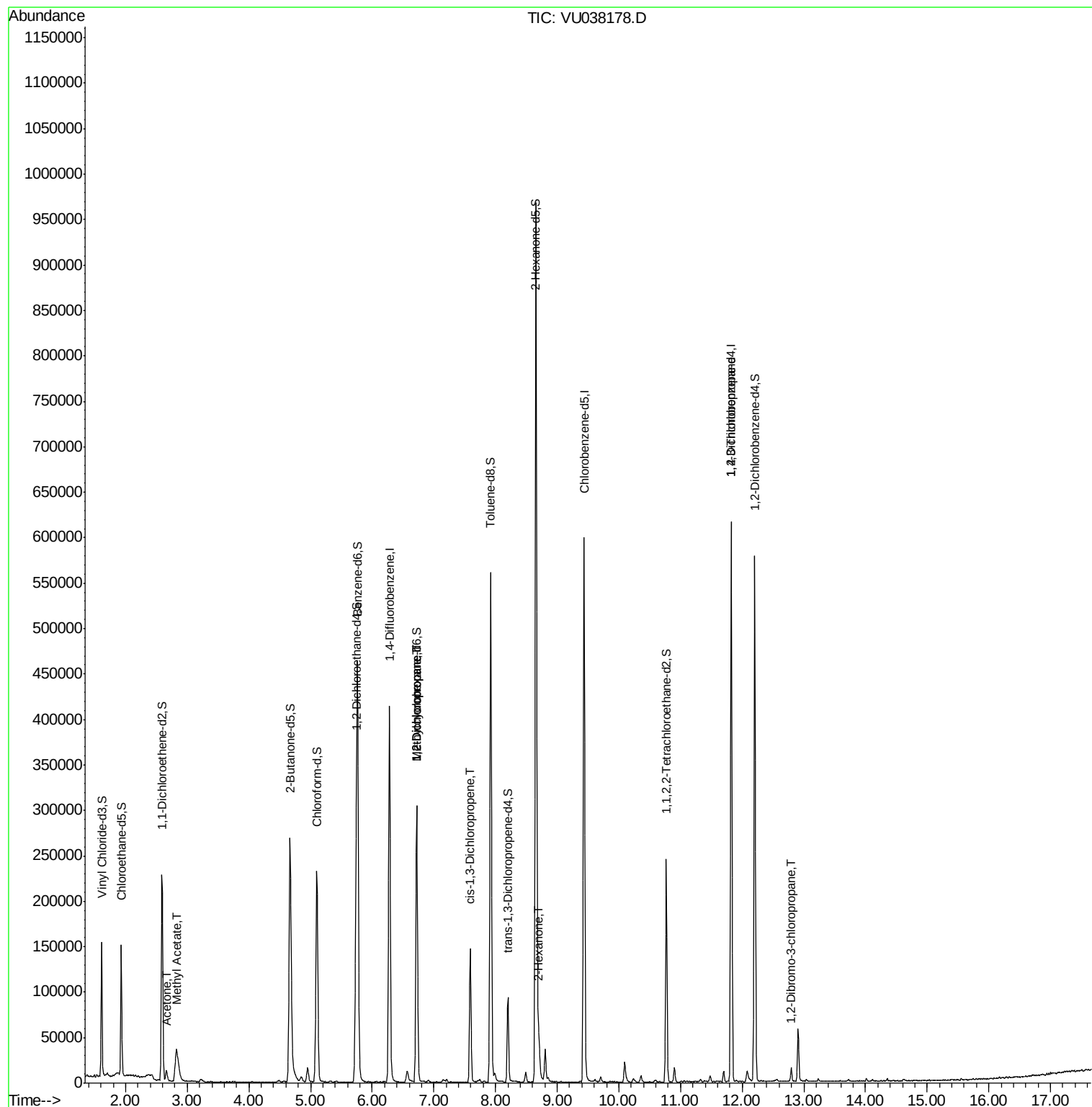
					Ovalue
13) Acetone	2.66	43	13767	2.940 ug/L	91
15) Methyl Acetate	2.83	43	19285	1.472 ug/L #	53
35) Methylcyclohexane	6.72	83	31662	0.762 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	14984	0.538 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3471	0.087 ug/L #	80
48) 2-Hexanone	8.71	43	20280	1.433 ug/L	96
59) 1,2,3-Trichloropropane	11.82	75	20395	1.090 ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.80	75	691	0.180 ug/L #	8

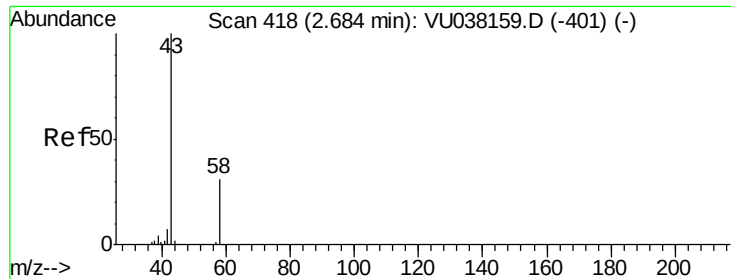
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.940 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU038178.D

Acq: 14 May 2020 18:37

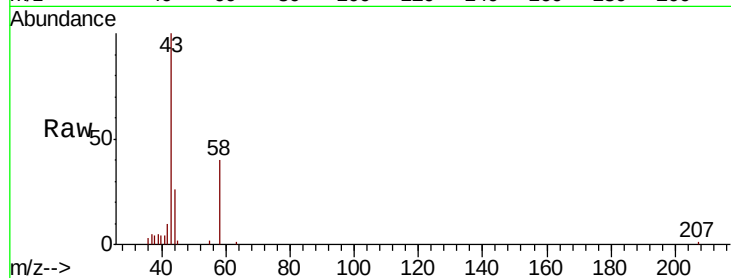
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 13767

Ion Ratio Lower Upper

43 100

58 36.8 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038178.D (-411) (-)

Ion 58.05 (57.75 to 58.75): VU038178.D (-411) (-)

2.66

8000

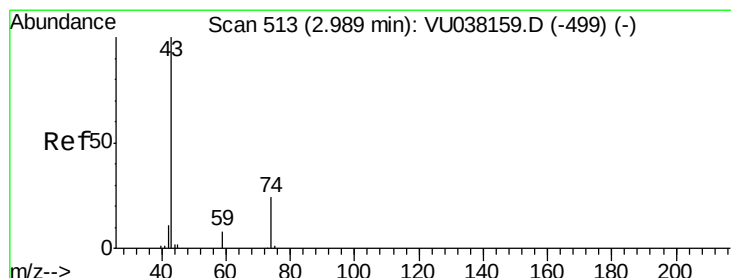
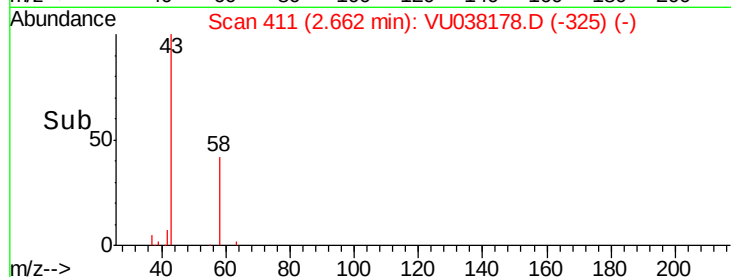
6000

4000

2000

0

Time-->



#15

Methyl Acetate

Concen: 1.472 ug/L

RT: 2.83 min Scan# 462

Delta R.T. -0.16 min

Lab File: VU038178.D

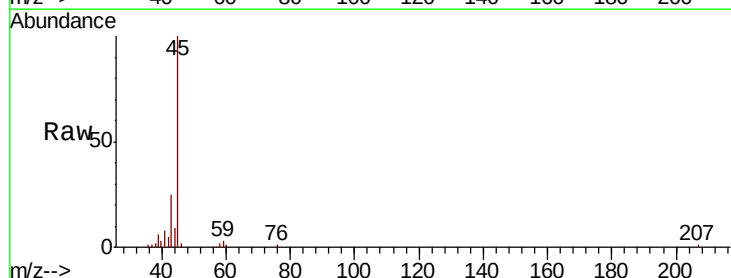
Acq: 14 May 2020 18:37

Tgt Ion: 43 Resp: 19285

Ion Ratio Lower Upper

43 100

74 0.1 18.0 27.0#



Abundance Ion 43.05 (42.75 to 43.75): VU038178.D (-462) (-)

Ion 74.05 (73.75 to 74.75): VU038178.D (-462) (-)

2.83

6000

5000

4000

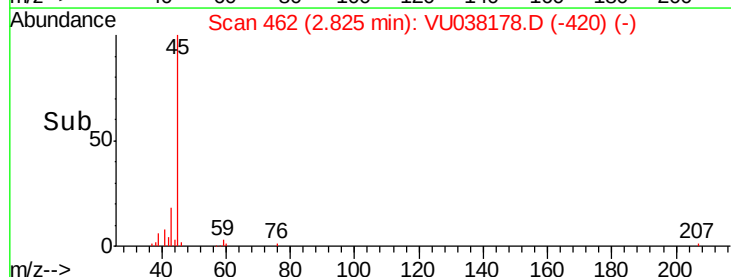
3000

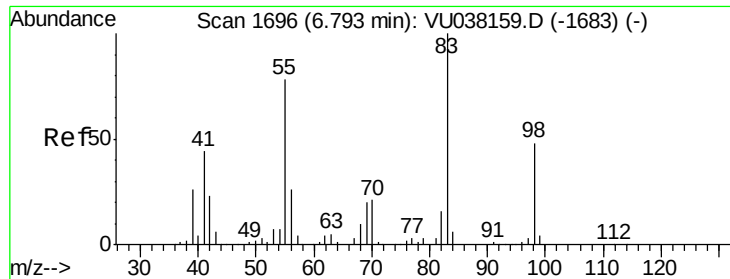
2000

1000

0

Time-->

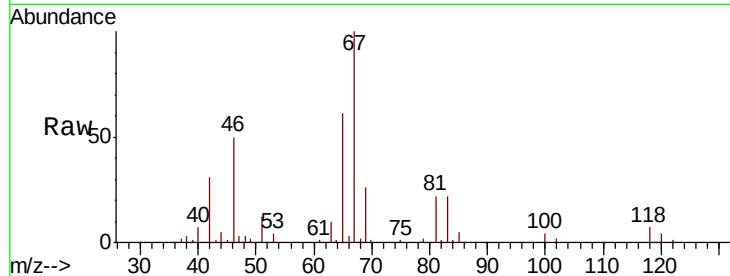




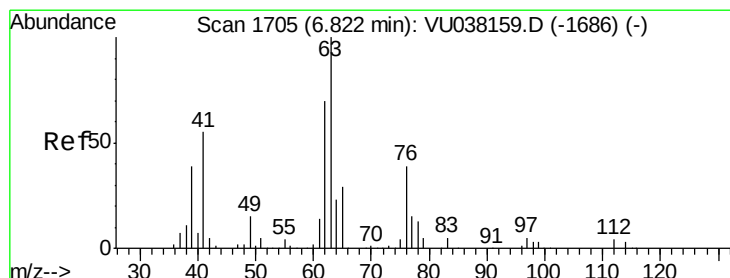
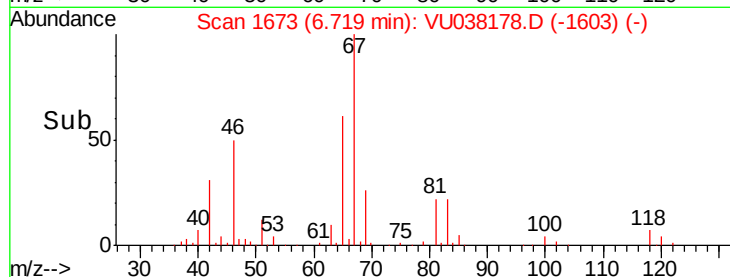
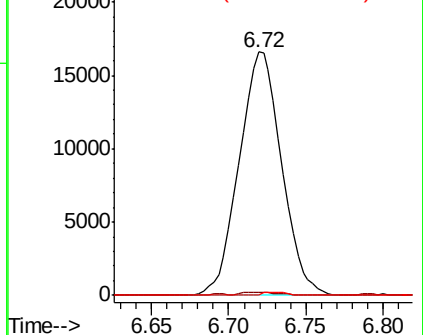
#35
Methylvlcyclohexane
Concen: 0.762 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038178.D
Acq: 14 May 2020 18:37

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 31662
Ion Ratio Lower Upper
83 100
55 0.5 66.7 100.1#
98 0.7 39.4 59.2#

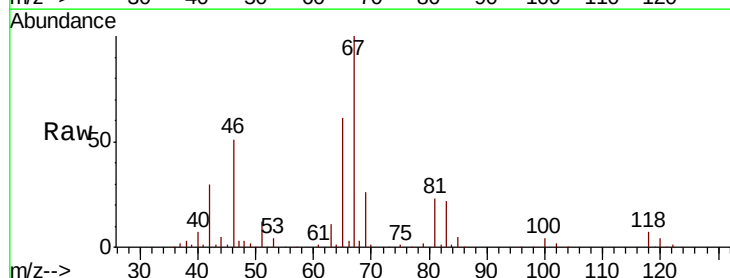


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

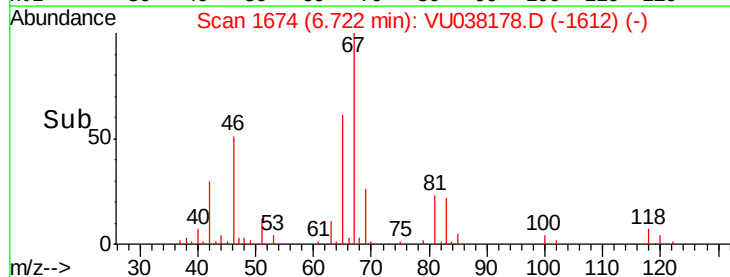
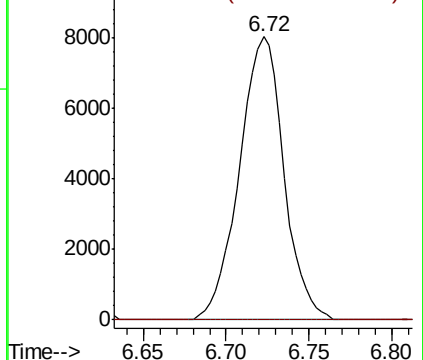


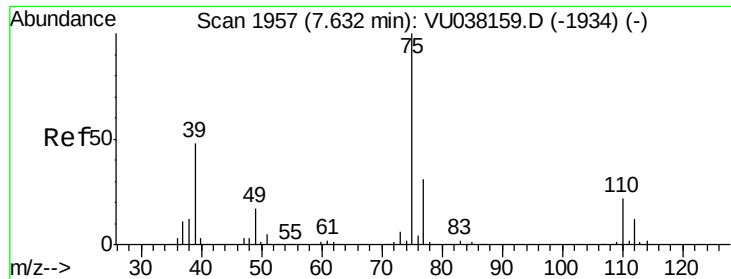
#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038178.D
Acq: 14 May 2020 18:37

Tgt Ion: 63 Resp: 14984
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

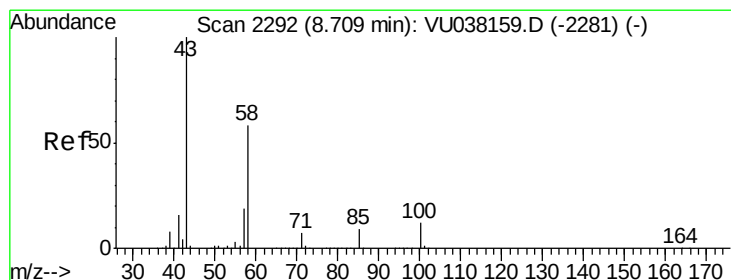
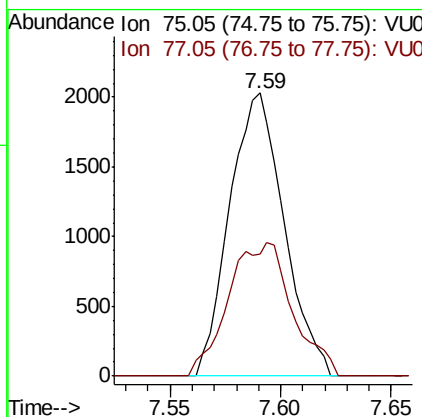
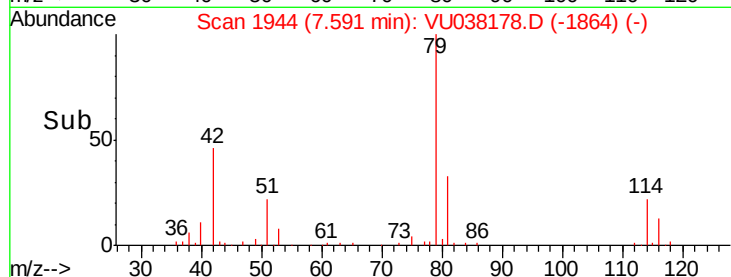
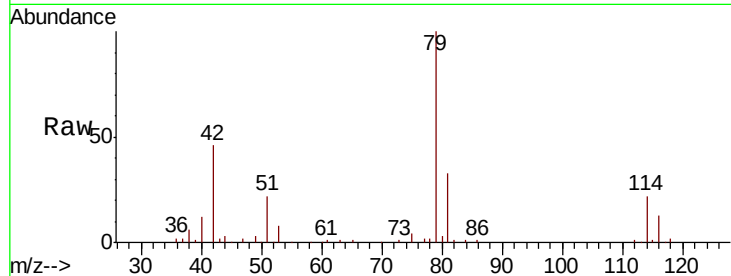




#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038178.D
 Acq: 14 May 2020 18:37

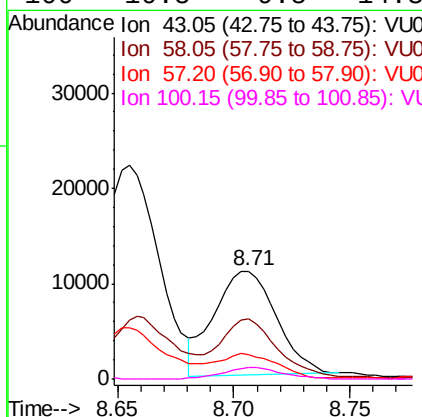
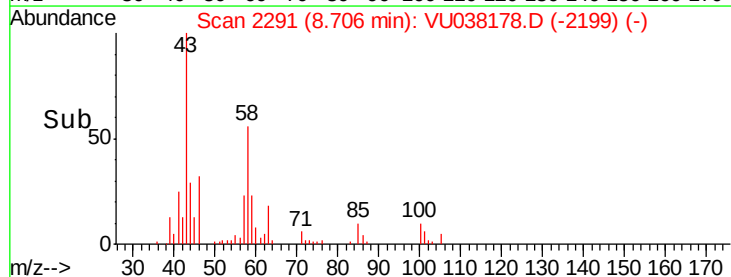
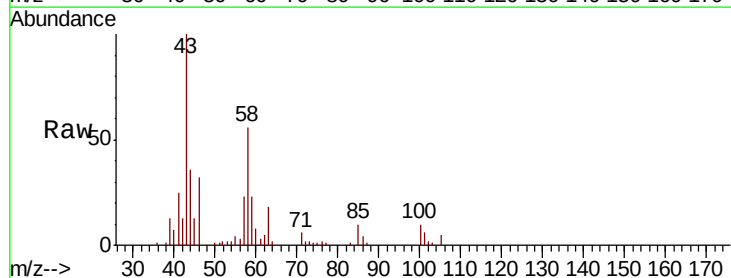
Instrument :
 MSVOA_U
 ClientSampleId :

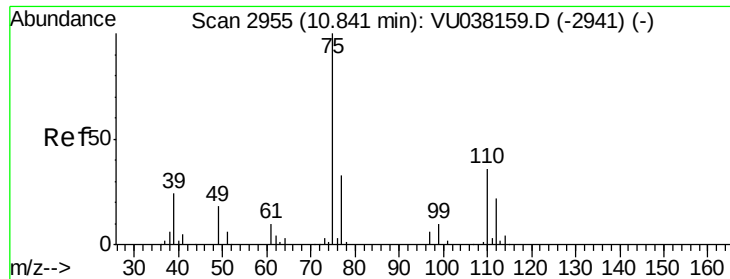
Tot Ion: 75 Resp: 3471
 Ion Ratio Lower Upper
 75 100
 77 43.1 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.433 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038178.D
 Acq: 14 May 2020 18:37

Tgt Ion: 43 Resp: 20280
 Ion Ratio Lower Upper
 43 100
 58 54.5 45.2 67.8
 57 23.2 15.5 23.3
 100 10.5 9.5 14.3

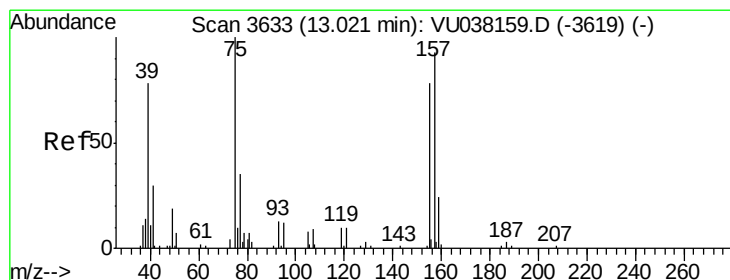
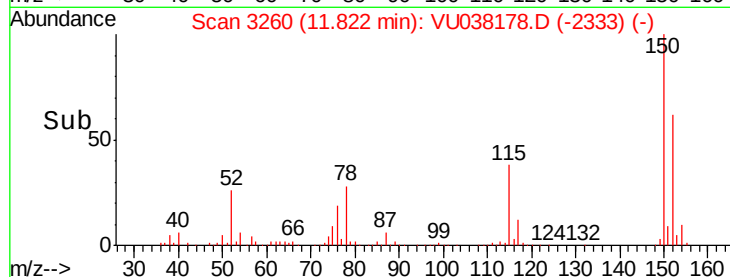
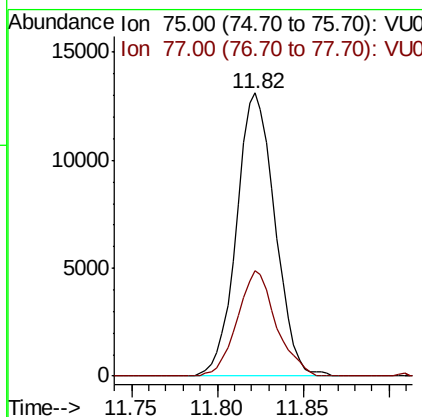
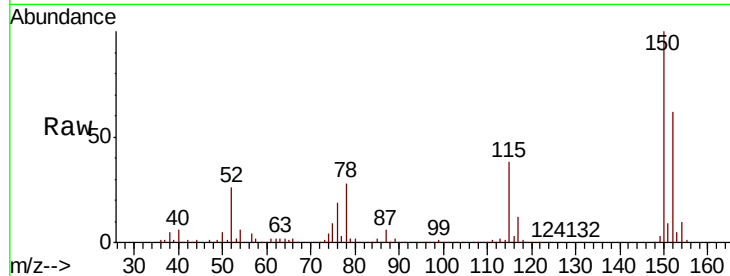




#59
 1,2,3-Trichloropropane
 Concen: 1.090 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038178.D
 Acq: 14 May 2020 18:37

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 20395
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.4 38.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.180 ug/L
 RT: 12.80 min Scan# 3563
 Delta R.T. -0.22 min
 Lab File: VU038178.D
 Acq: 14 May 2020 18:37

Tgt Ion: 75 Resp: 691
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.2 87.2#
 157 0.0 72.9 109.3#

