

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
 Data File : VU038123.D
 Acq On : 12 May 2020 14:50
 Operator : JC/MD
 Sample : L2599-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 01:15:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 01:13:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	369144	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	357930	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	171906	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	130883	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.93	69	121378	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.59	63	169341	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.69	46	491935	59.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.10%
24) Chloroform-d	5.10	84	229501	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.74	65	142768	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.76	84	495687	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.72	67	164198	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.92	98	430896	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.20	79	61377	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.66	63	397475	60.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	139215	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	161300	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

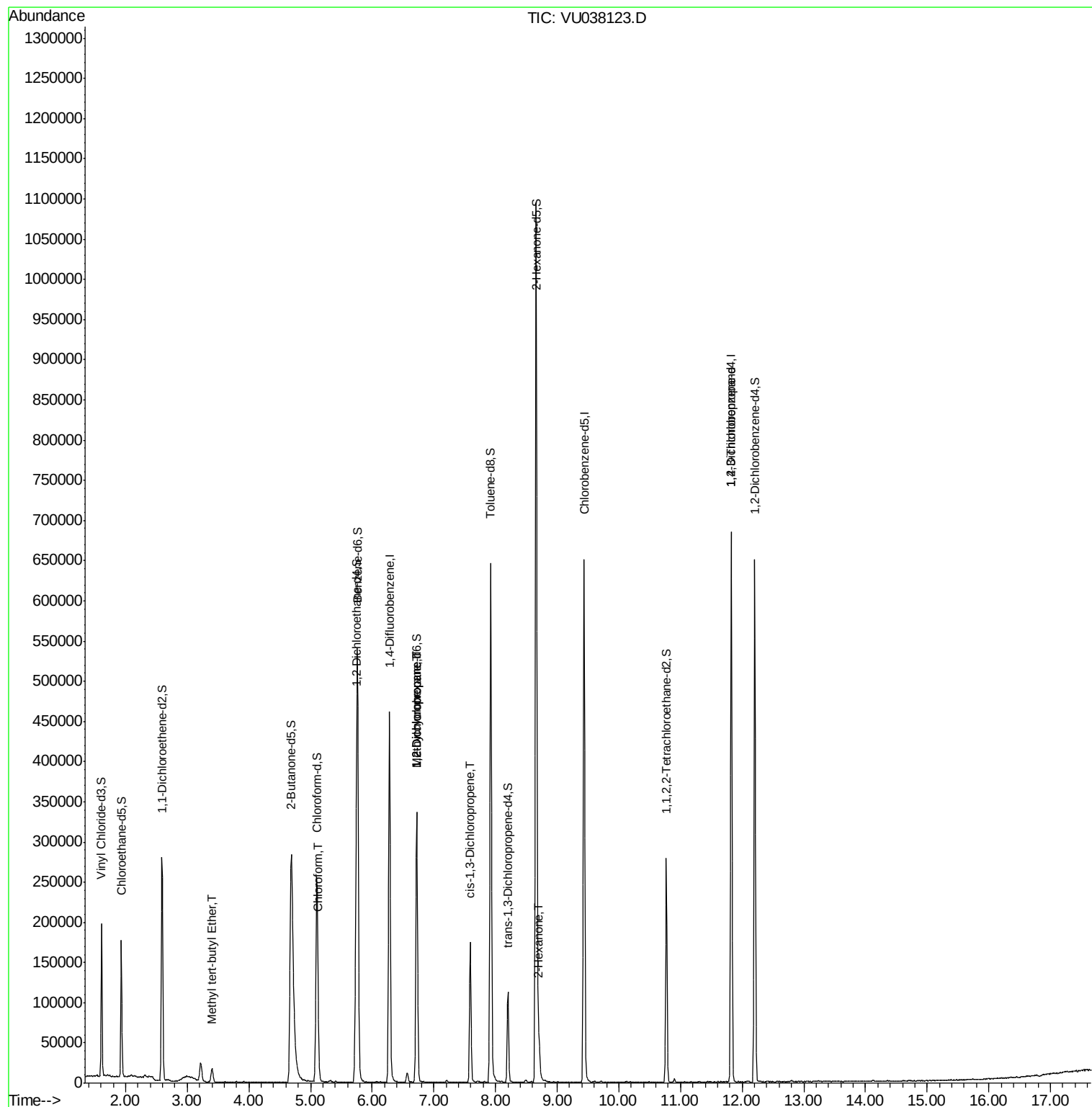
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	18672	0.262 ug/L	96
25) Chloroform	5.13	83	22218	0.436 ug/L	97
35) Methylcyclohexane	6.72	83	36231	0.780 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17189	0.552 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4145	0.093 ug/L #	61
48) 2-Hexanone	8.71	43	23635	1.496 ug/L	93
59) 1,2,3-Trichloropropane	11.82	75	23187	1.110 ug/L	95

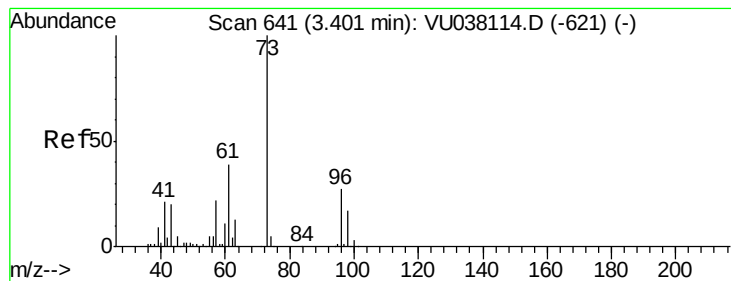
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051220\
Data File : VU038123.D
Acq On : 12 May 2020 14:50
Operator : JC/MD
Sample : L2599-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 13 01:15:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 01:13:24 2020
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.262 ug/L

RT: 3.40 min Scan# 641

Delta R.T. -0.00 min

Lab File: VU038123.D

Acq: 12 May 2020 14:50

Instrument :

MSVOA_U

ClientSampled :

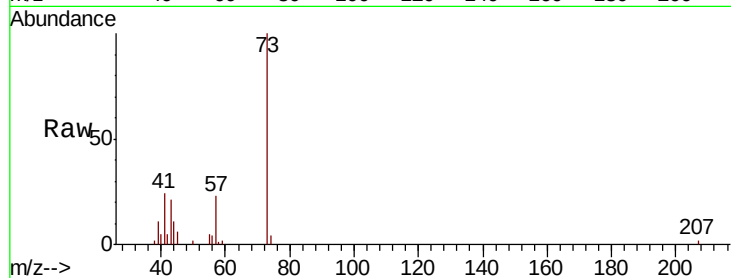
Tot Ion: 73 Resp: 18672

Ion Ratio Lower Upper

73 100

43 18.8 16.9 25.3

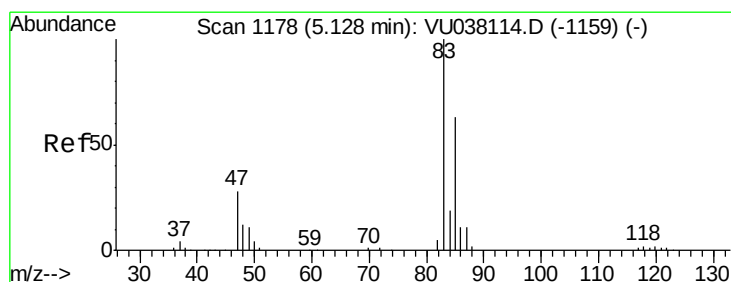
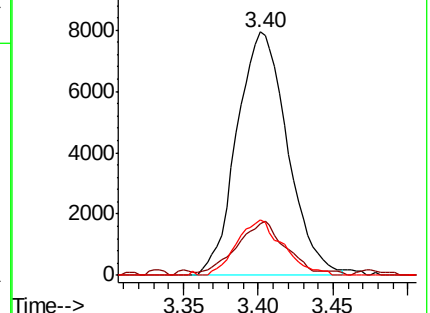
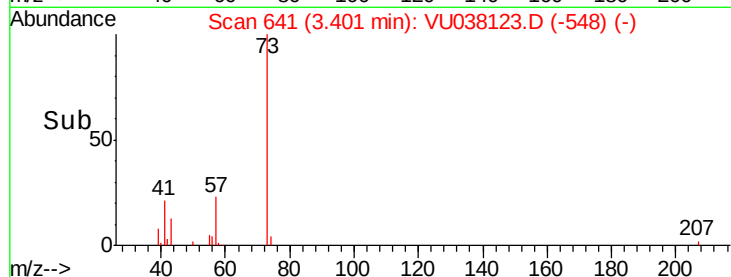
57 20.9 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VU038114.D (-621) (-)

Ion 43.05 (42.75 to 43.75): VU038114.D (-621) (-)

Ion 57.10 (56.80 to 57.80): VU038114.D (-621) (-)



#25

Chloroform

Concen: 0.436 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU038123.D

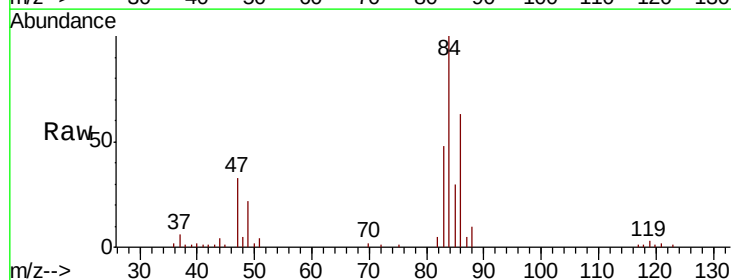
Acq: 12 May 2020 14:50

Tgt Ion: 83 Resp: 22218

Ion Ratio Lower Upper

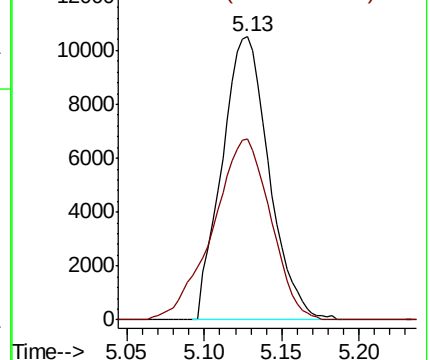
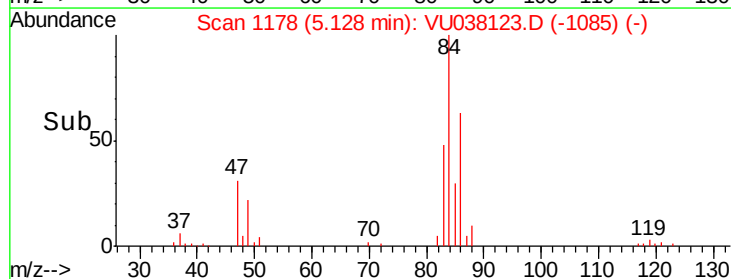
83 100

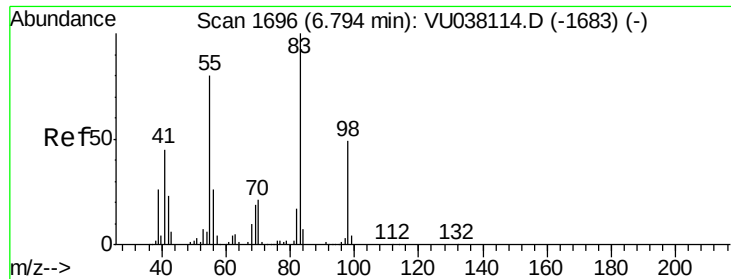
85 63.9 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VU038114.D (-1159) (-)

Ion 85.00 (84.70 to 85.70): VU038114.D (-1159) (-)





#35

Methylvlcyclohexane

Concen: 0.780 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038123.D

Acq: 12 May 2020 14:50

Instrument :

MSVOA_U

ClientSampleId :

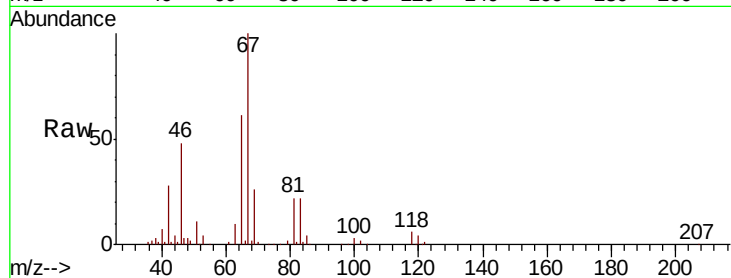
Tot Ion: 83 Resp: 36231

Ion Ratio Lower Upper

83 100

55 0.4 66.7 100.1#

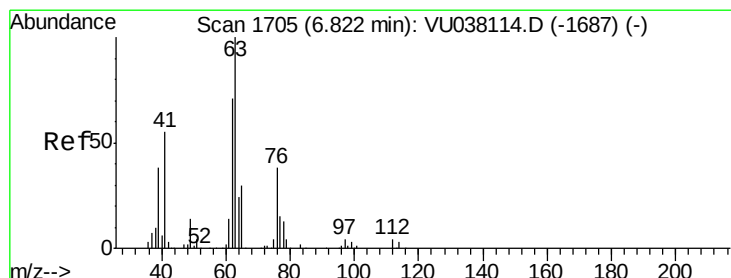
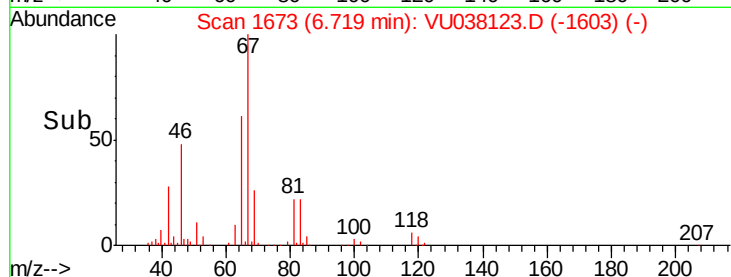
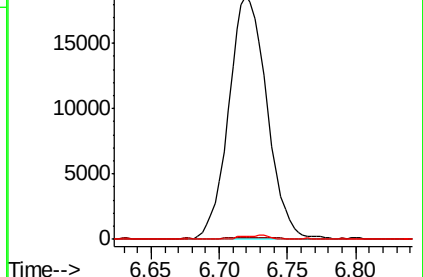
98 1.1 39.4 59.2#



Abundance Ion 83.15 (82.85 to 83.85): VU038114.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU038114.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU038114.D (-1683) (-)



#37

1,2-Dichloropropane

Concen: 0.552 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038123.D

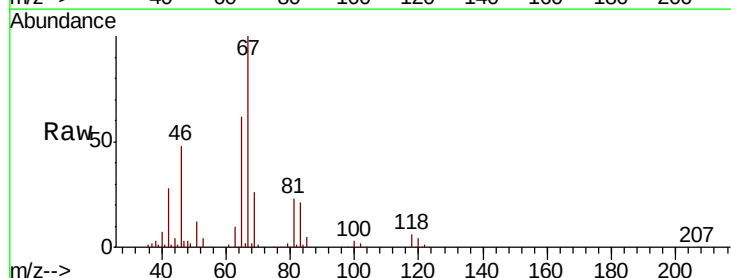
Acq: 12 May 2020 14:50

Tgt Ion: 63 Resp: 17189

Ion Ratio Lower Upper

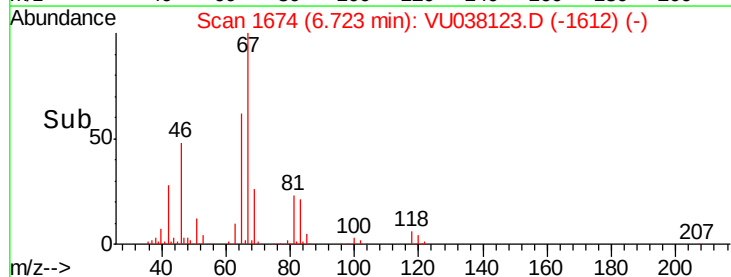
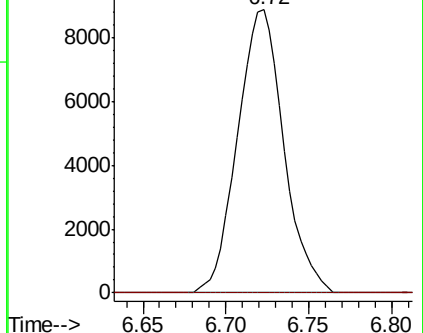
63 100

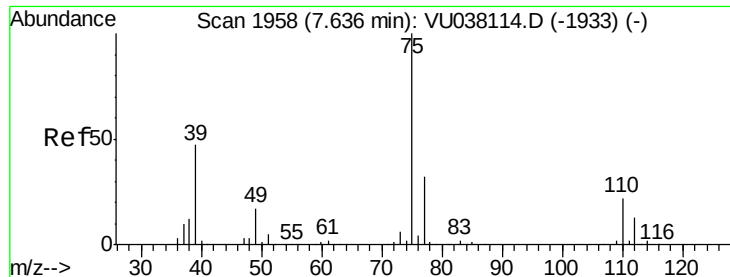
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038114.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU038114.D (-1687) (-)



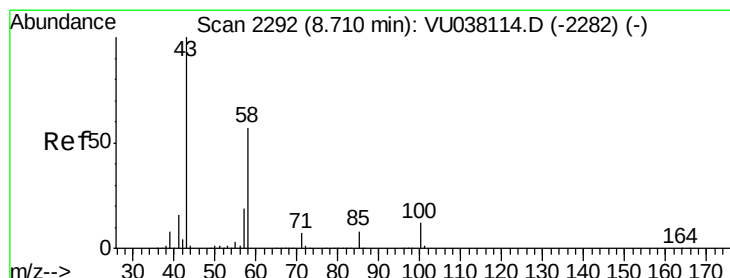
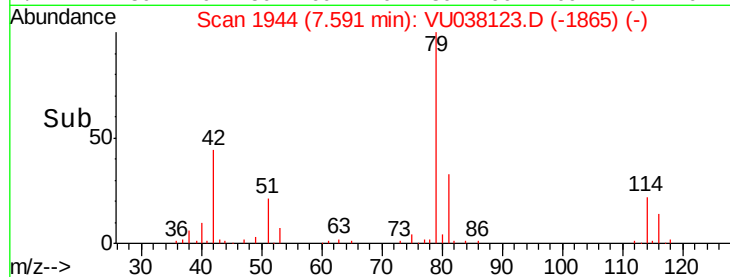
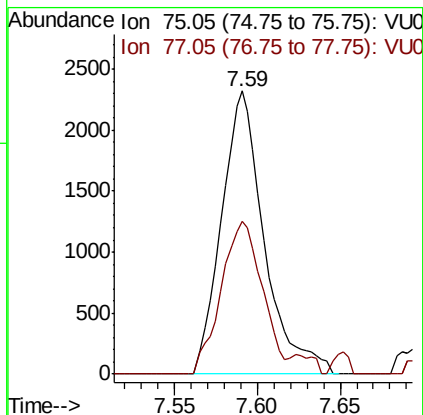
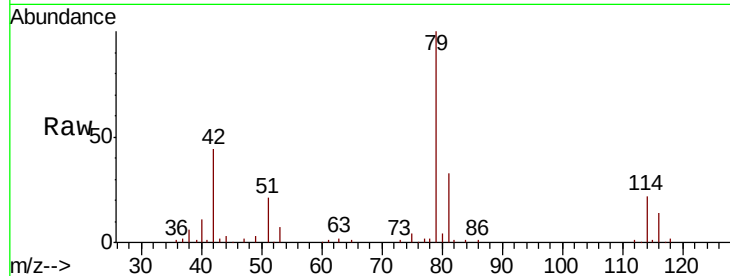


#39

cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.05 min
Lab File: VU038123.D
Acq: 12 May 2020 14:50

Instrument :
MSVOA_U
ClientSampled :

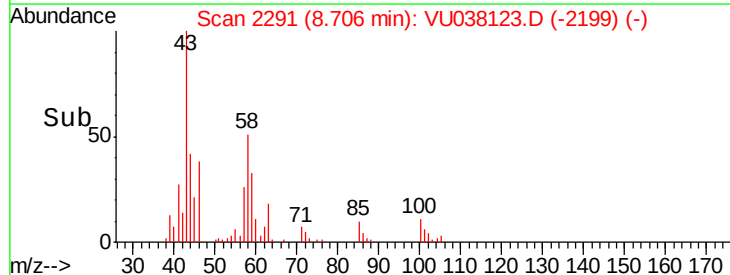
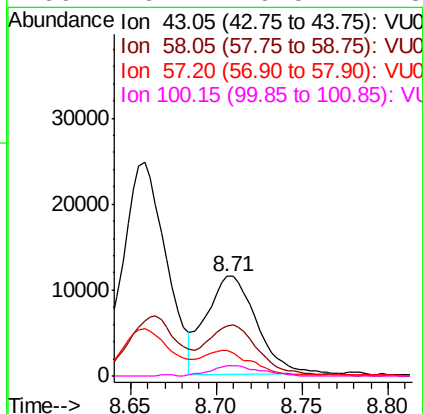
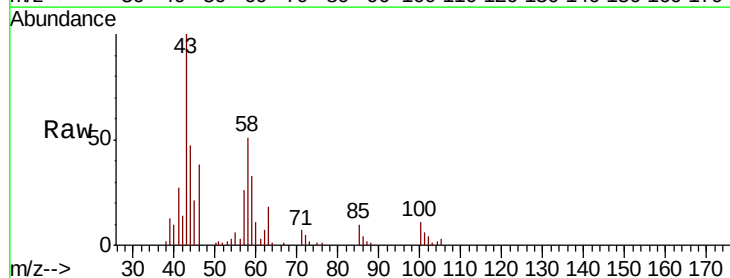
Tot Ion: 75 Resp: 4145
Ion Ratio Lower Upper
75 100
77 54.0 22.4 41.6#

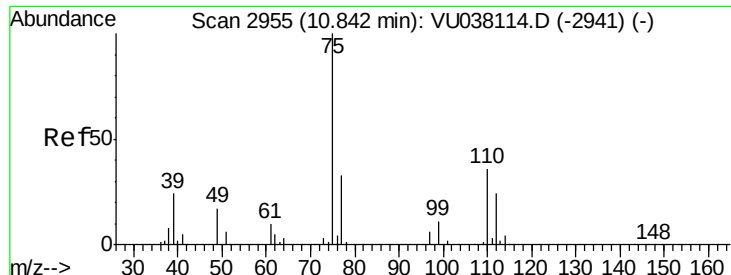


#48

2-Hexanone
Concen: 1.496 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038123.D
Acq: 12 May 2020 14:50

Tgt Ion: 43 Resp: 23635
Ion Ratio Lower Upper
43 100
58 51.7 45.2 67.8
57 23.1 15.5 23.3
100 10.1 9.5 14.3





#59

1,2,3-Trichloropropane

Concen: 1.110 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038123.D

Acq: 12 May 2020 14:50

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 23187

Ion Ratio Lower Upper

75 100

77 34.4 25.4 38.0

