

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038057.D
 Acq On : 07 May 2020 22:22
 Operator : JC/MD
 Sample : L2527-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 01:55:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	370844	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	368894	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	170712	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	146840	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.93	69	124655	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.59	63	180534	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.66	46	324740	38.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.60%
24) Chloroform-d	5.10	84	198792	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.74	65	127277	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.76	84	496188	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.72	67	157181	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.92	98	439837	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.20	79	53974	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.65	63	268982	39.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112670	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	150290	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

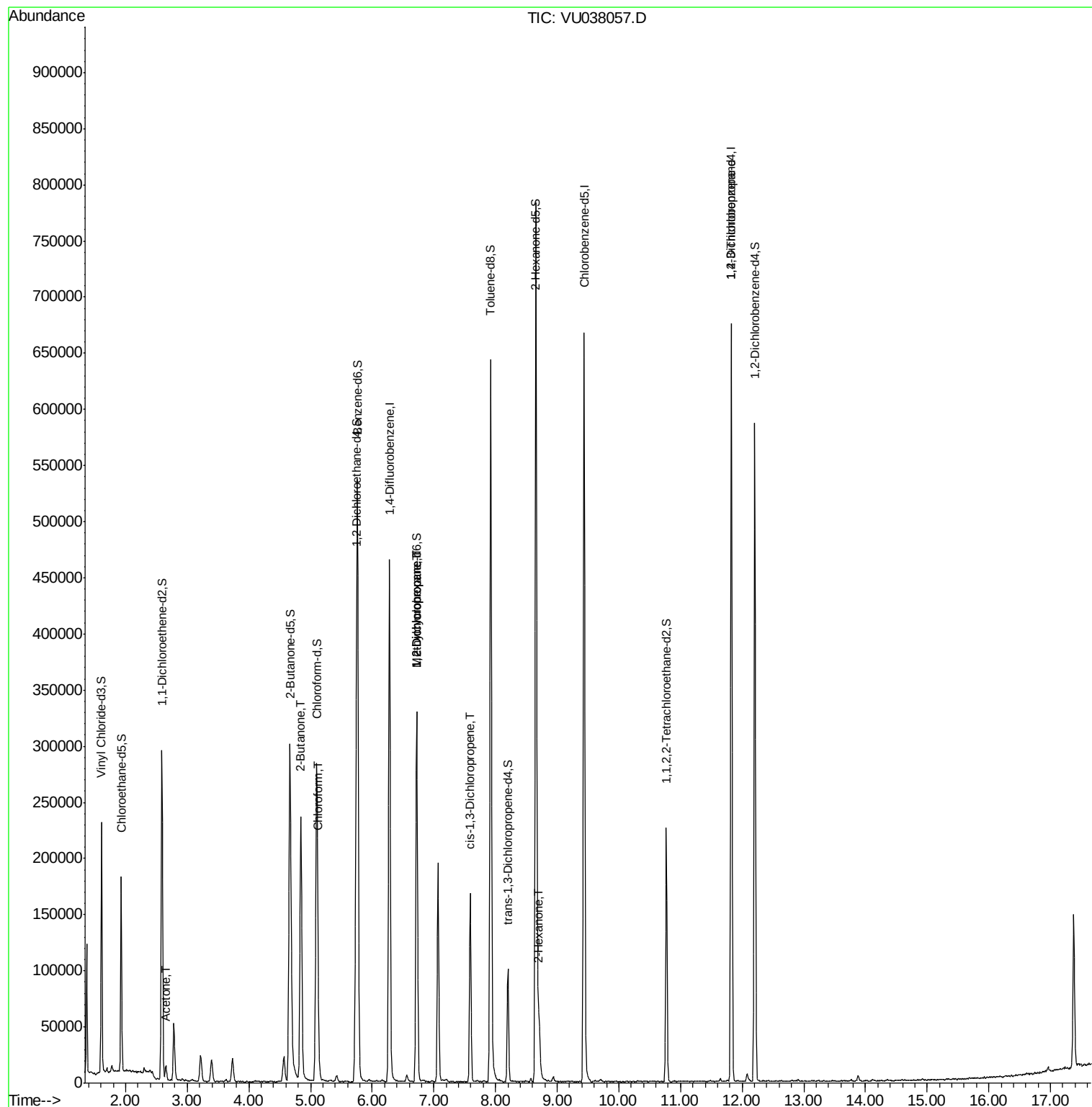
					Ovalue
13) Acetone	2.65	43	15607	2.972 ug/L	95
21) 2-Butanone	4.84	43	309185	33.360 ug/L #	48
25) Chloroform	5.12	83	23333	0.456 ug/L	100
35) Methylcyclohexane	6.72	83	34356	0.718 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16288	0.508 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4040	0.088 ug/L #	66
48) 2-Hexanone	8.71	43	33044	2.029 ug/L #	96
59) 1,2,3-Trichloropropane	11.83	75	23187	1.077 ug/L #	88

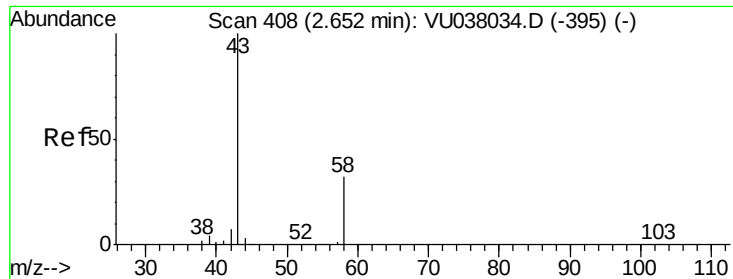
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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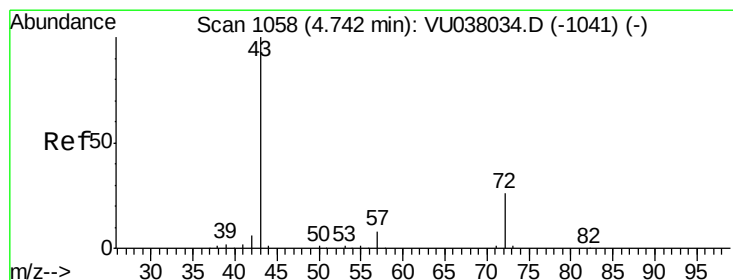
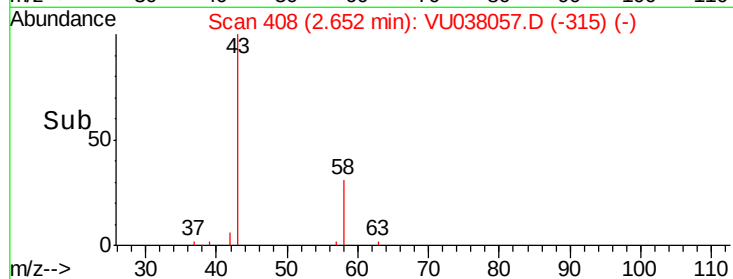
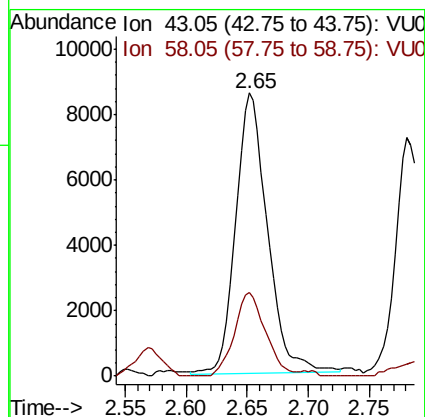
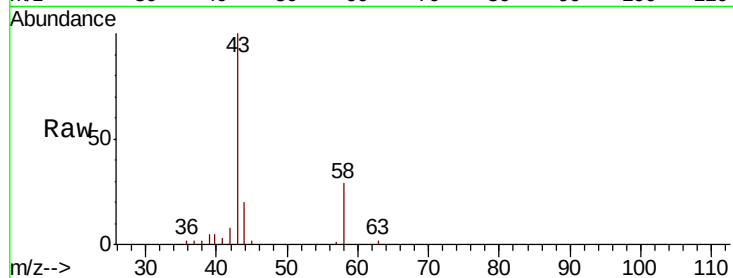




#13
Acetone
Concen: 2.972 ug/L
RT: 2.65 min Scan# 408
Delta R.T. 0.00 min
Lab File: VU038057.D
Acq: 07 May 2020 22:22

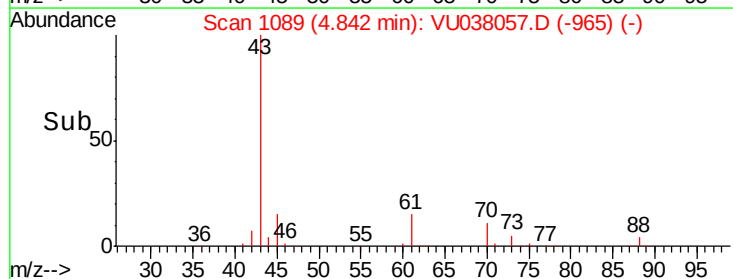
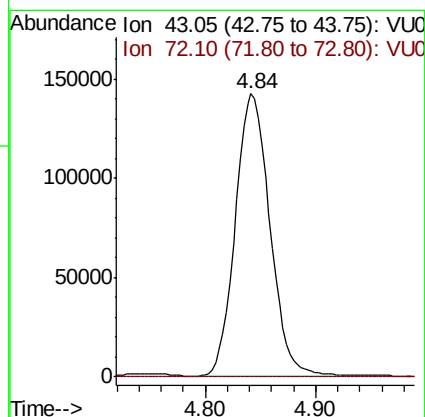
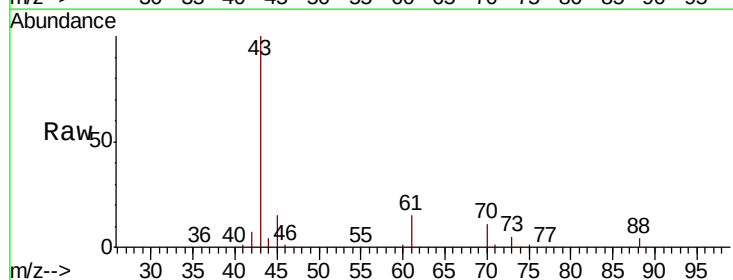
Instrument :
MSVOA_U
ClientSampleId :

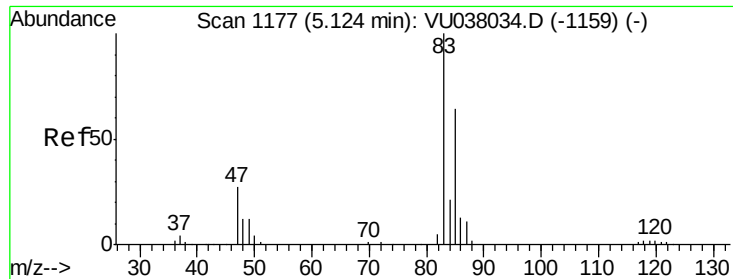
Tot Ion: 43 Resp: 15607
Ion Ratio Lower Upper
43 100
58 29.0 0.0 63.6



#21
2-Butanone
Concen: 33.360 ug/L
RT: 4.84 min Scan# 1089
Delta R.T. 0.10 min
Lab File: VU038057.D
Acq: 07 May 2020 22:22

Tgt Ion: 43 Resp: 309185
Ion Ratio Lower Upper
43 100
72 0.2 13.5 40.4#

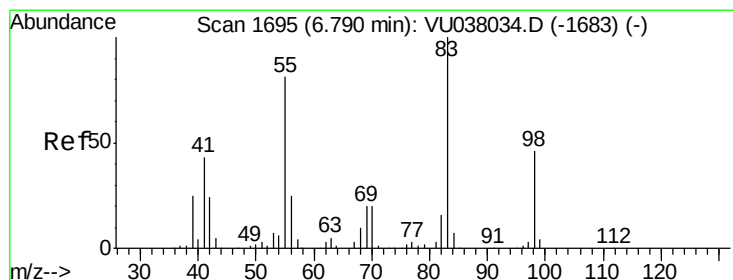
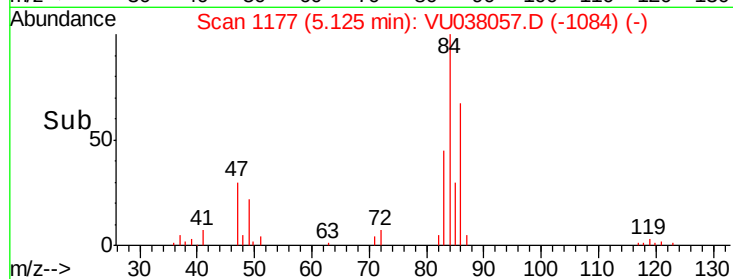
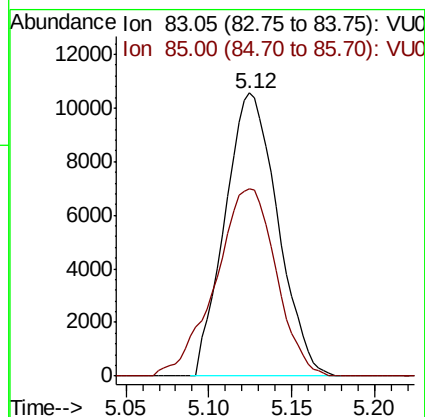
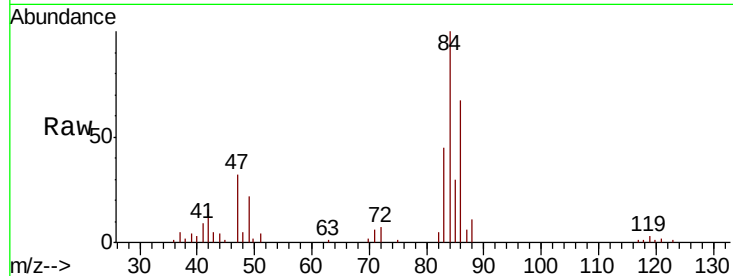




#25
Chloroform
Concen: 0.456 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU038057.D
Acq: 07 May 2020 22:22

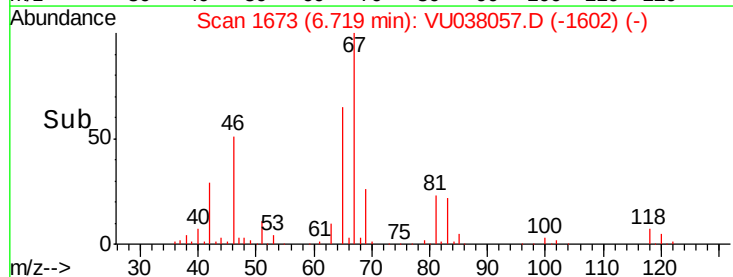
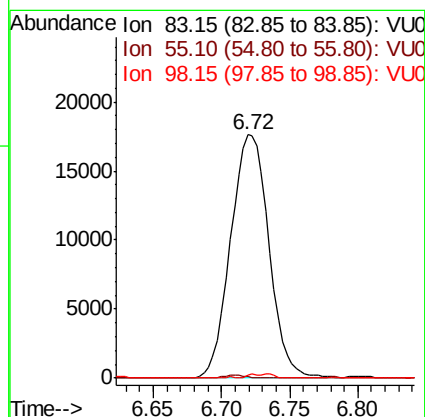
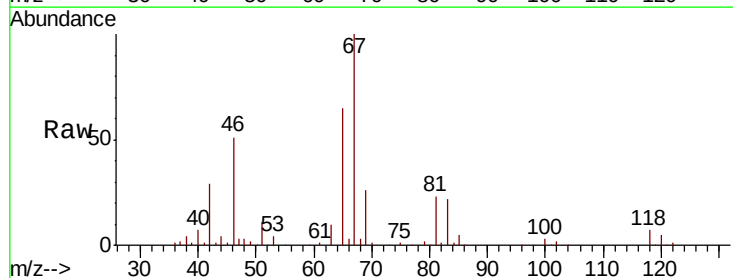
Instrument :
MSVOA_U
ClientSampleId :

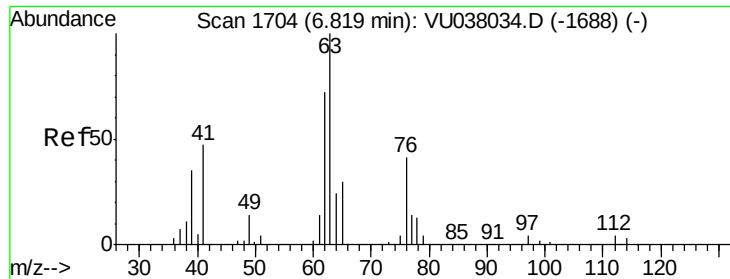
Tot Ion: 83 Resp: 23333
Ion Ratio Lower Upper
83 100
85 66.1 46.2 85.8



#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038057.D
Acq: 07 May 2020 22:22

Tgt Ion: 83 Resp: 34356
Ion Ratio Lower Upper
83 100
55 0.7 66.7 100.1#
98 0.6 39.4 59.2#

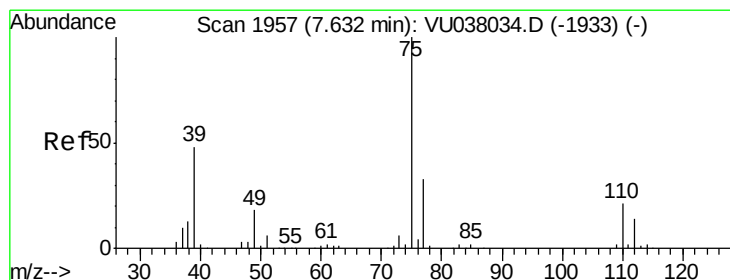
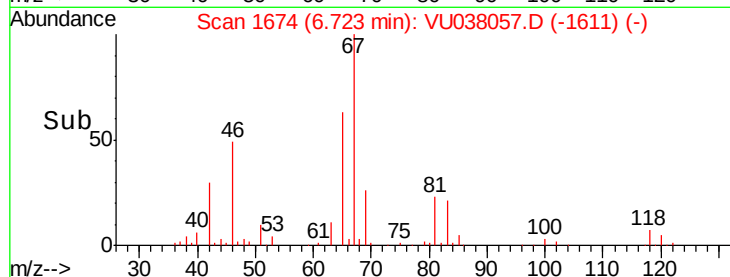
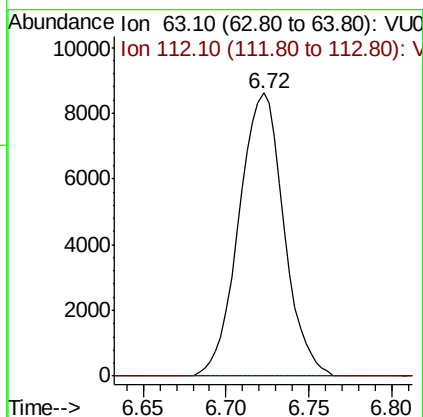
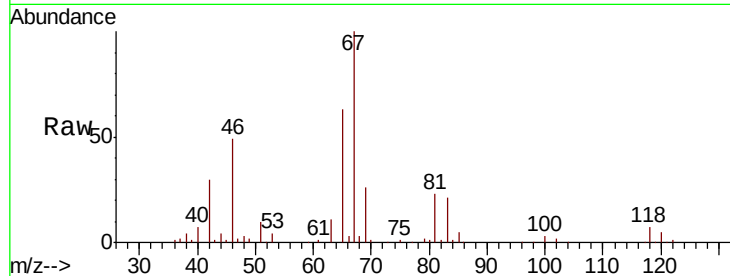




#37
 1,2-Dichloropropane
 Concen: 0.508 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038057.D
 Acq: 07 May 2020 22:22

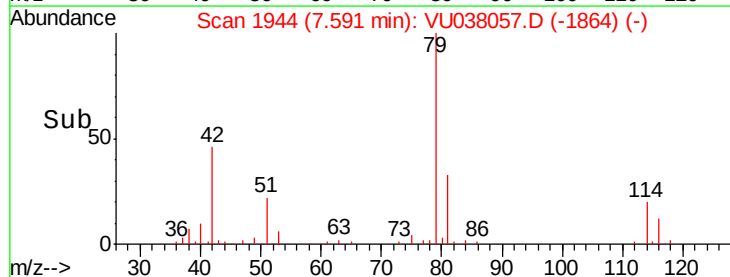
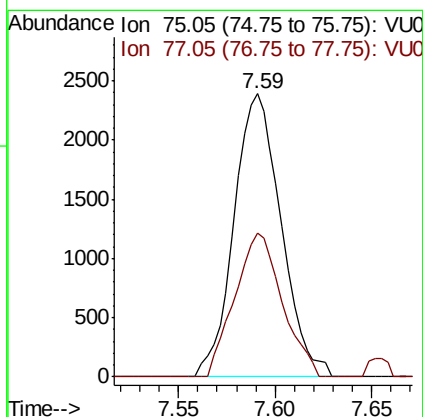
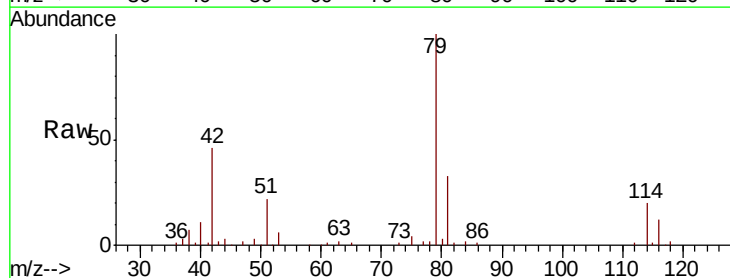
Instrument :
 MSVOA_U
 ClientSampleId :

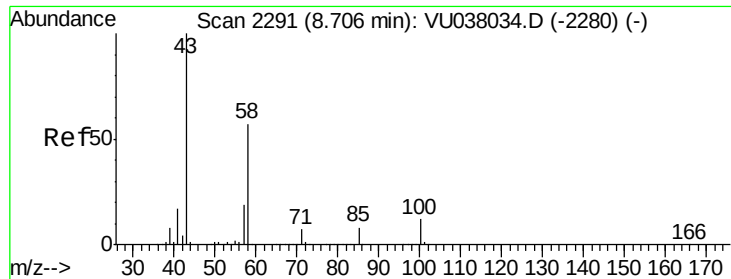
Tot Ion: 63 Resp: 16288
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038057.D
 Acq: 07 May 2020 22:22

Tgt Ion: 75 Resp: 4040
 Ion Ratio Lower Upper
 75 100
 77 50.8 22.4 41.6#

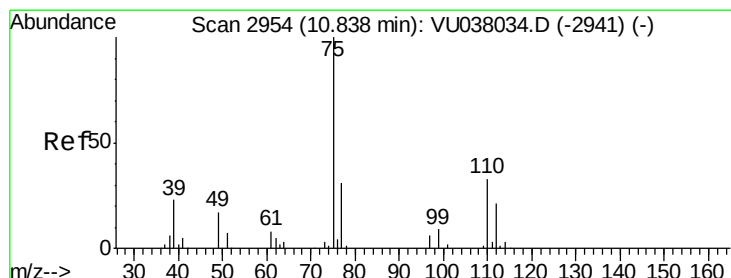
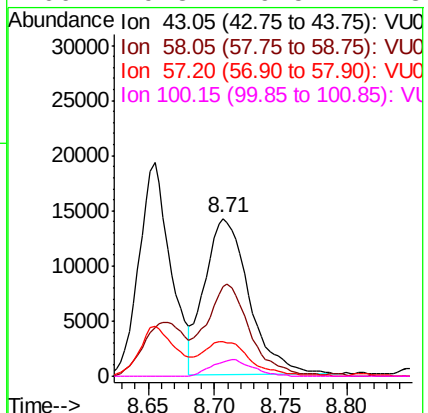
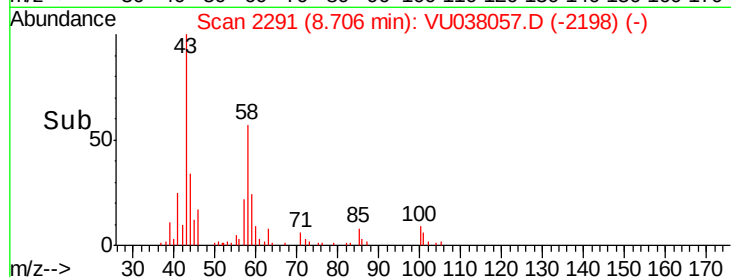
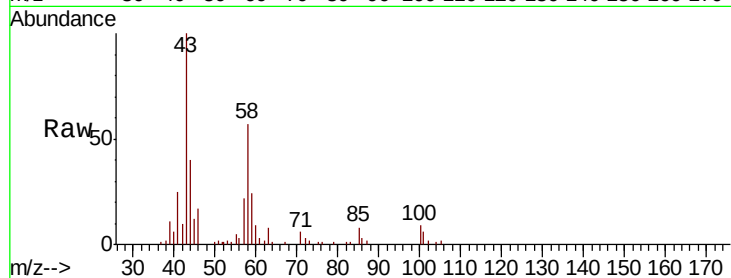




#48
2-Hexanone
Concen: 2.029 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038057.D
Acq: 07 May 2020 22:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 33044
Ion Ratio Lower Upper
43 100
58 55.6 45.2 67.8
57 23.9 15.5 23.3#
100 9.8 9.5 14.3



#59
1,2,3-Trichloropropane
Concen: 1.077 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.99 min
Lab File: VU038057.D
Acq: 07 May 2020 22:22

Tgt Ion: 75 Resp: 23187
Ion Ratio Lower Upper
75 100
77 38.6 25.4 38.0#

