

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038156.D
 Acq On : 13 May 2020 20:07
 Operator : JC/MD
 Sample : L2631-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:16:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	349282	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	336582	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157224	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115772	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.93	69	112486	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.59	63	156819	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.67	46	455953	57.84	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.68%
24) Chloroform-d	5.10	84	219066	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.74	65	134852	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.76	84	470989	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.72	67	155810	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	405926	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.20	79	56489	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.65	63	374366	60.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	130286	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	154779	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

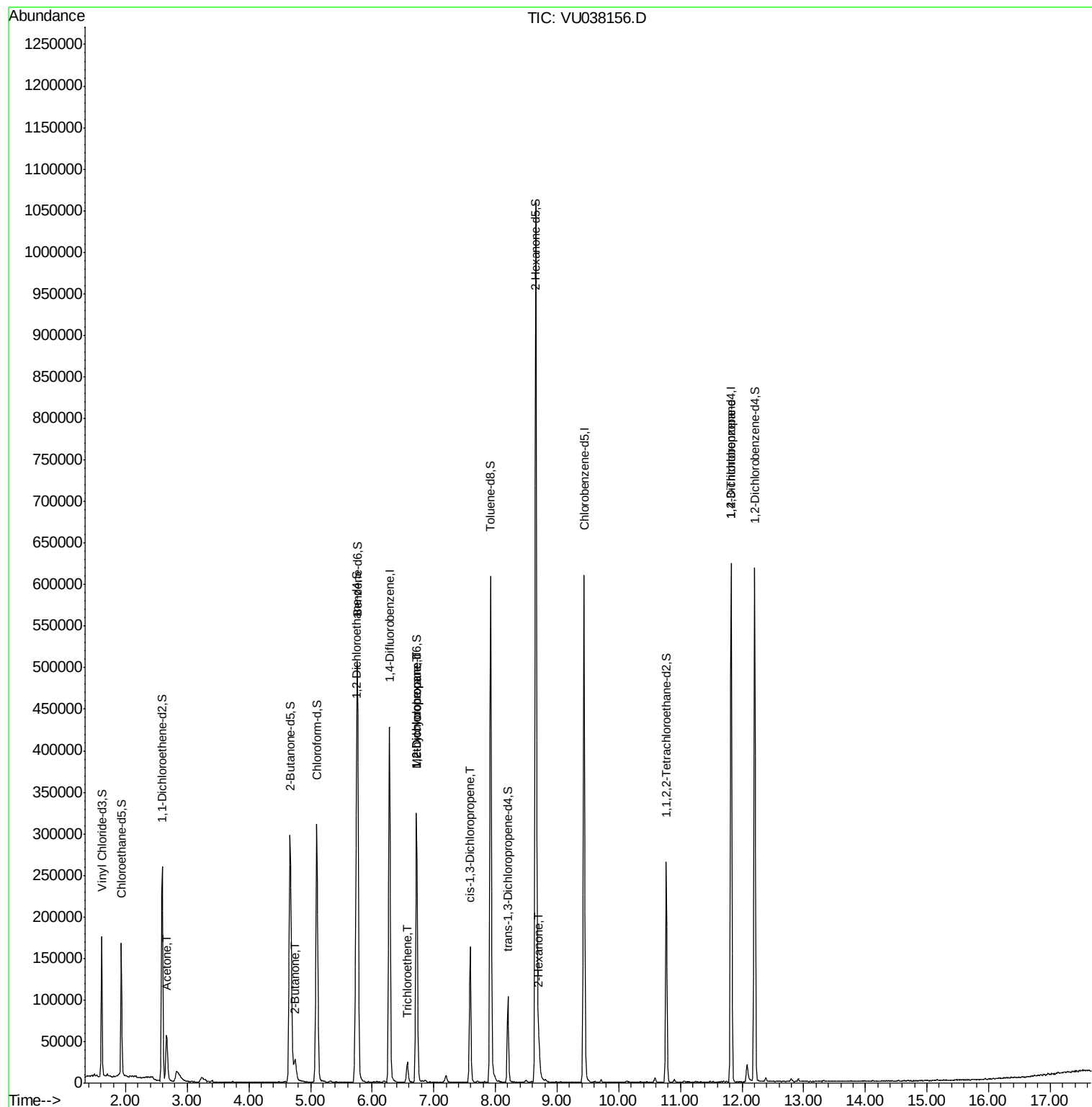
					Ovalue
13) Acetone	2.66	43	76825	15.534	ug/L 98
21) 2-Butanone	4.75	43	34131	3.910	ug/L 100
34) Trichloroethene	6.57	95	6710	0.249	ug/L 98
35) Methylcyclohexane	6.72	83	34966	0.801	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	16161	0.552	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	3422	0.082	ug/L # 64
48) 2-Hexanone	8.71	43	26232	1.765	ug/L # 94
59) 1,2,3-Trichloropropane	11.82	75	21021	1.070	ug/L 92

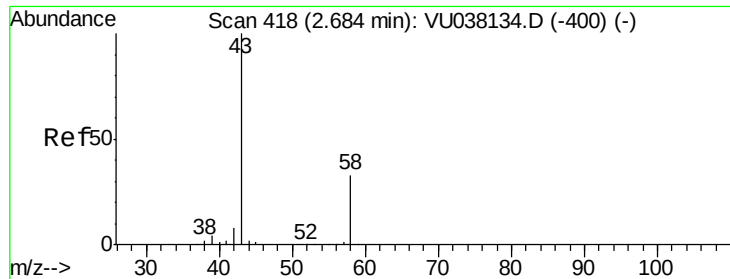
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 15.534 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU038156.D

Acq: 13 May 2020 20:07

Instrument :

MSVOA_U

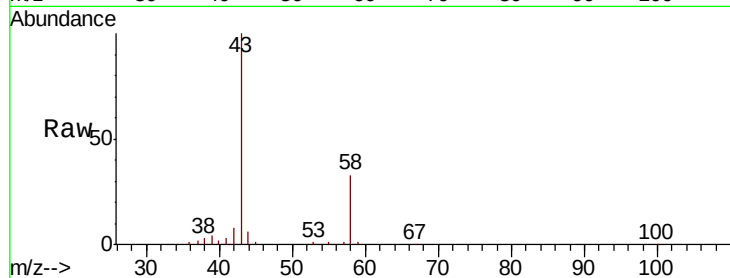
ClientSampleId :

Tot Ion: 43 Resp: 76825

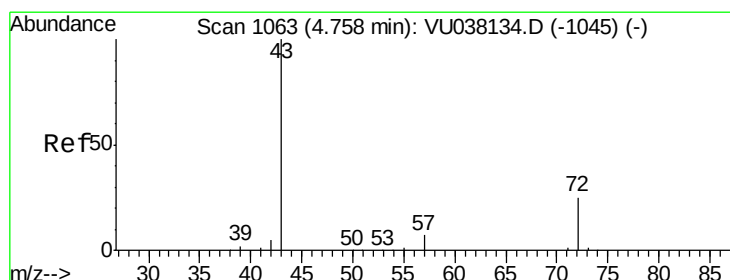
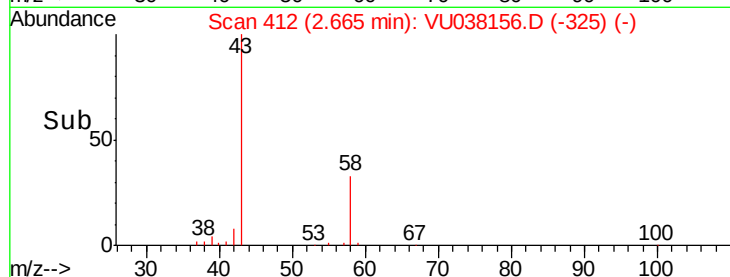
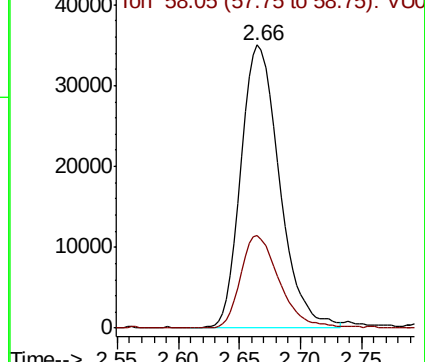
Ion Ratio Lower Upper

43 100

58 32.7 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038156.D (-325) (-)



#21

2-Butanone

Concen: 3.910 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. -0.01 min

Lab File: VU038156.D

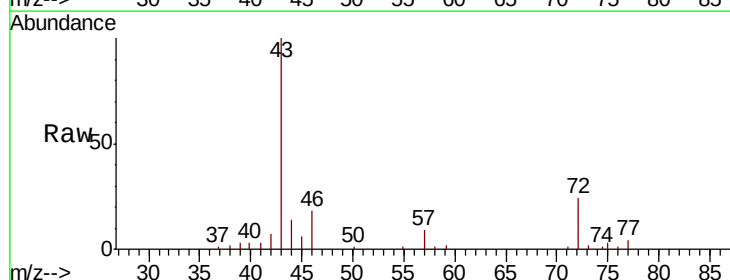
Acq: 13 May 2020 20:07

Tgt Ion: 43 Resp: 34131

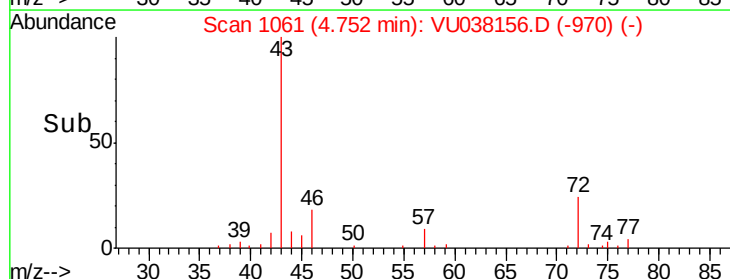
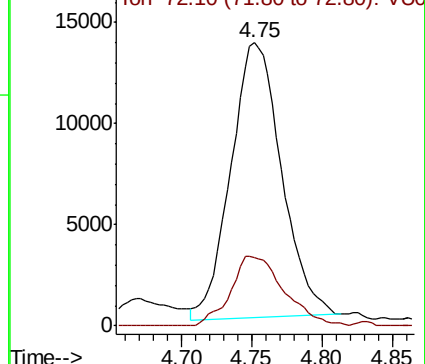
Ion Ratio Lower Upper

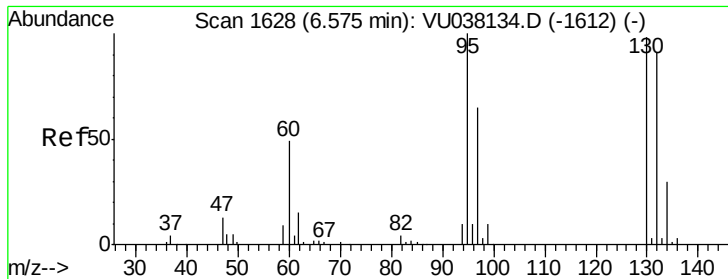
43 100

72 26.8 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU038156.D (-970) (-)





#34

Trichloroethene

Concen: 0.249 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038156.D

Acq: 13 May 2020 20:07

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 6710

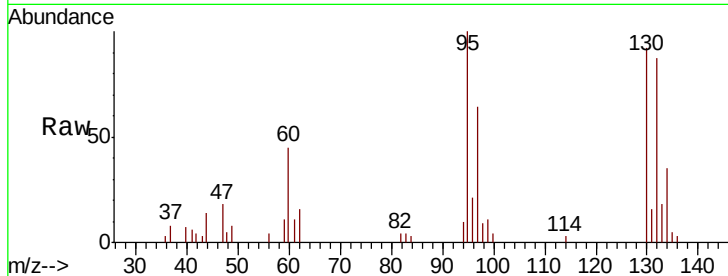
Ion Ratio Lower Upper

95 100

97 63.5 44.9 83.3

132 86.6 63.3 117.5

130 92.1 65.7 122.1

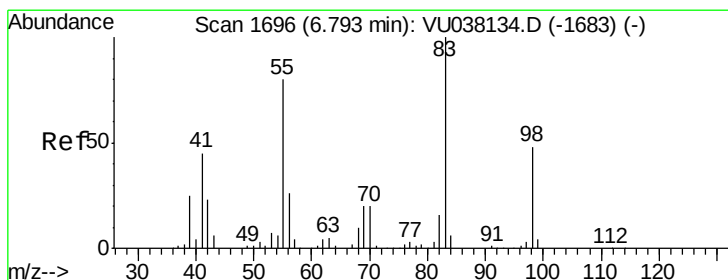
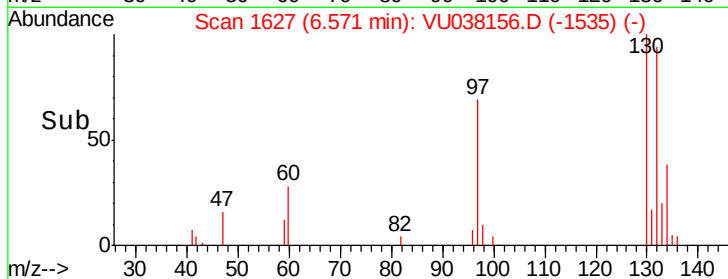
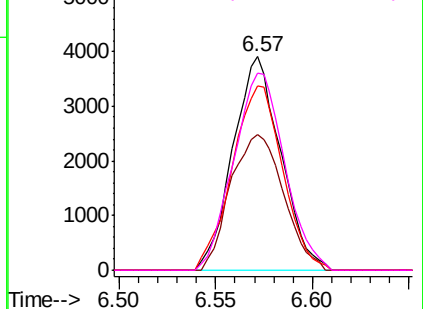


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.801 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038156.D

Acq: 13 May 2020 20:07

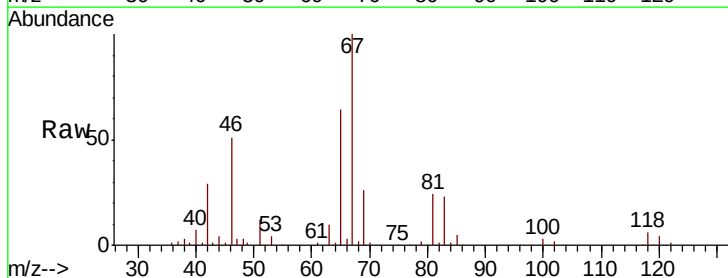
Tgt Ion: 83 Resp: 34966

Ion Ratio Lower Upper

83 100

55 0.5 66.7 100.1#

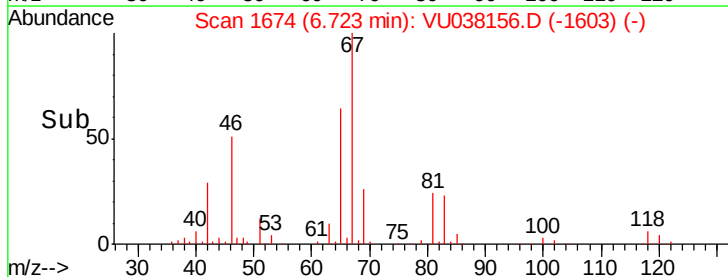
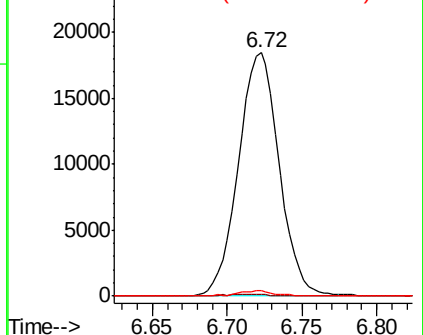
98 1.8 39.4 59.2#

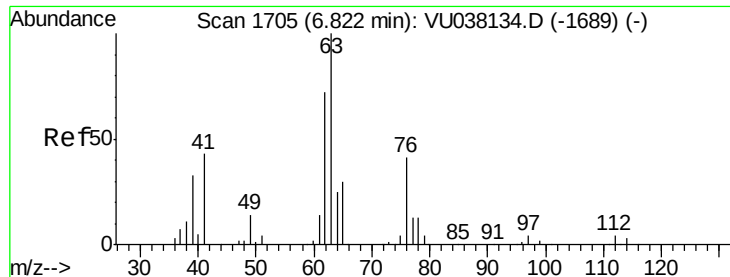


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

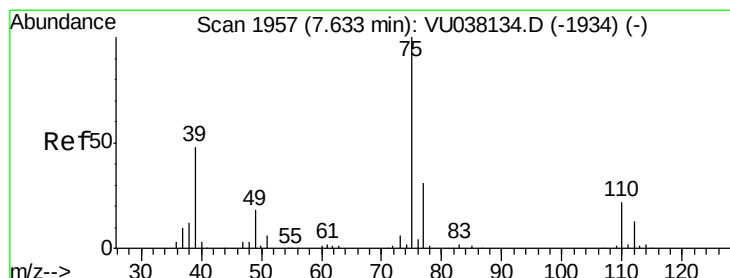
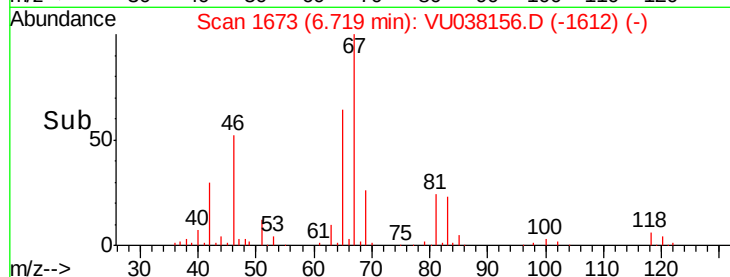
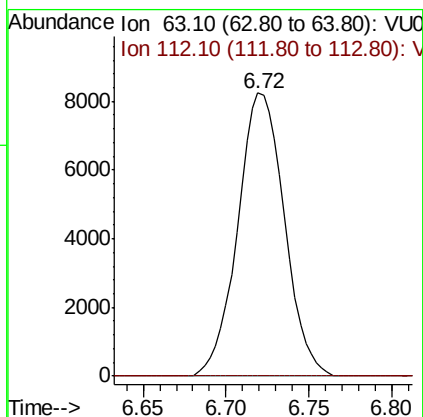
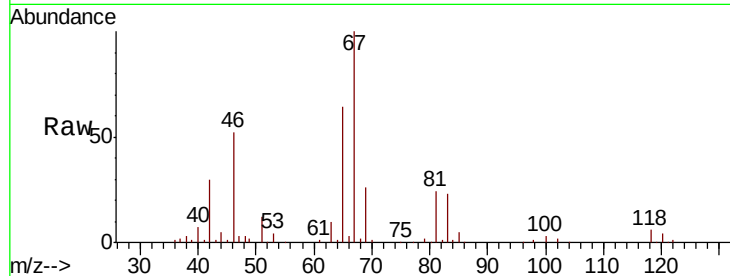




#37
 1,2-Dichloropropane
 Concen: 0.552 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038156.D
 Acq: 13 May 2020 20:07

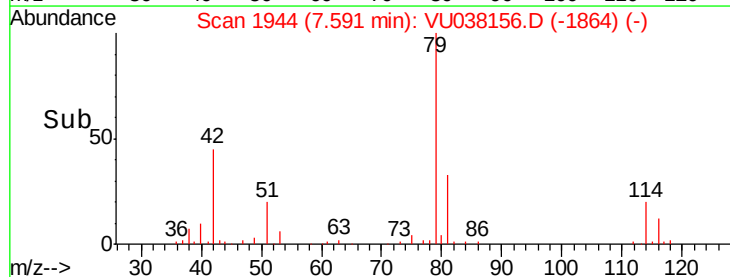
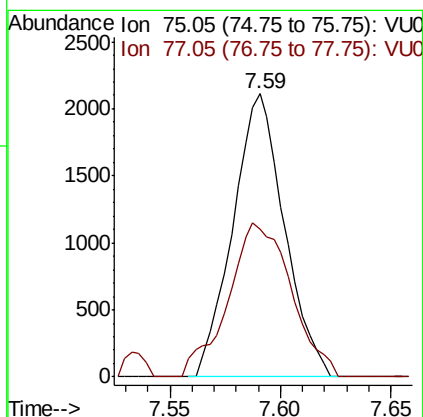
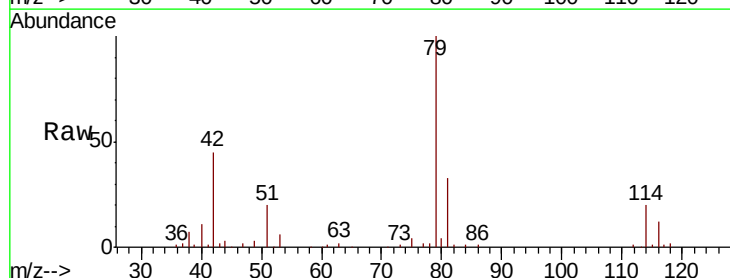
Instrument :
 MSVOA_U
 ClientSampleId :

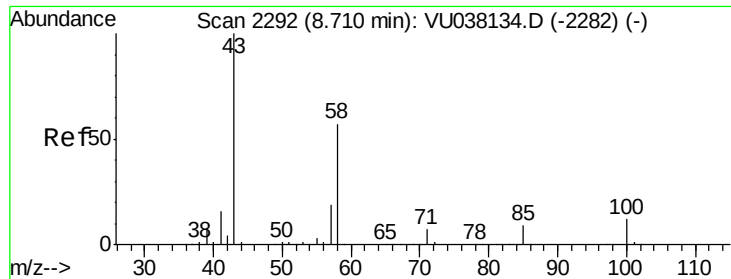
Tot Ion: 63 Resp: 16161
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038156.D
 Acq: 13 May 2020 20:07

Tgt Ion: 75 Resp: 3422
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.4 41.6#

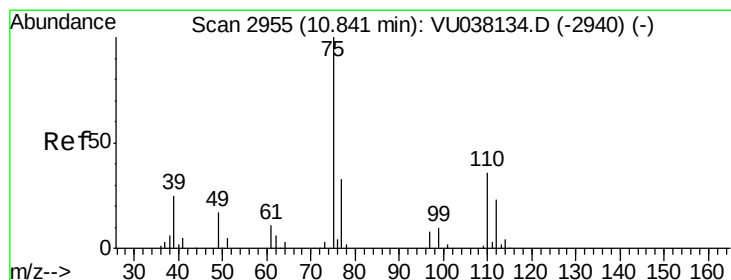
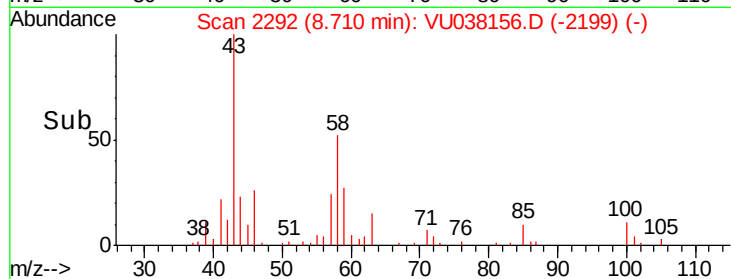
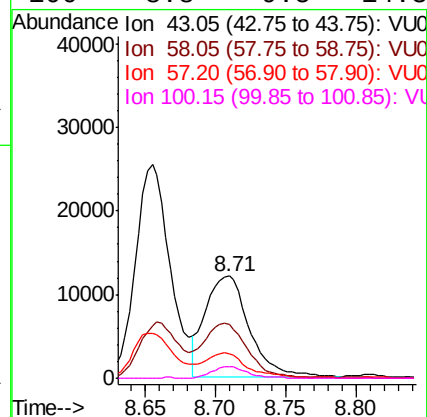
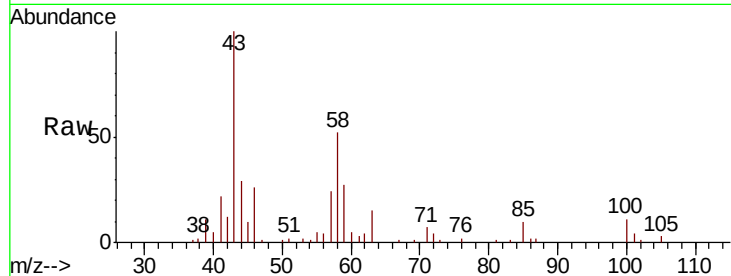




#48
2-Hexanone
Concen: 1.765 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VU038156.D
Acq: 13 May 2020 20:07

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 26232
Ion Ratio Lower Upper
43 100
58 53.7 45.2 67.8
57 24.9 15.5 23.3#
100 8.8 9.5 14.3#



#59
1,2,3-Trichloropropane
Concen: 1.070 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038156.D
Acq: 13 May 2020 20:07

Tgt Ion: 75 Resp: 21021
Ion Ratio Lower Upper
75 100
77 36.3 25.4 38.0

