

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038069.D
 Acq On : 08 May 2020 03:48
 Operator : JC/MD
 Sample : L2528-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 05:01:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 04:55:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	364023	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	356857	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	165920	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	141965	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.93	69	120971	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.59	63	175241	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.66	46	346353	42.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.32%
24) Chloroform-d	5.10	84	200545	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.74	65	128381	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.76	84	486018	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.72	67	155175	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.92	98	427525	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.20	79	53922	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.65	63	282661	43.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	116069	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	150882	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

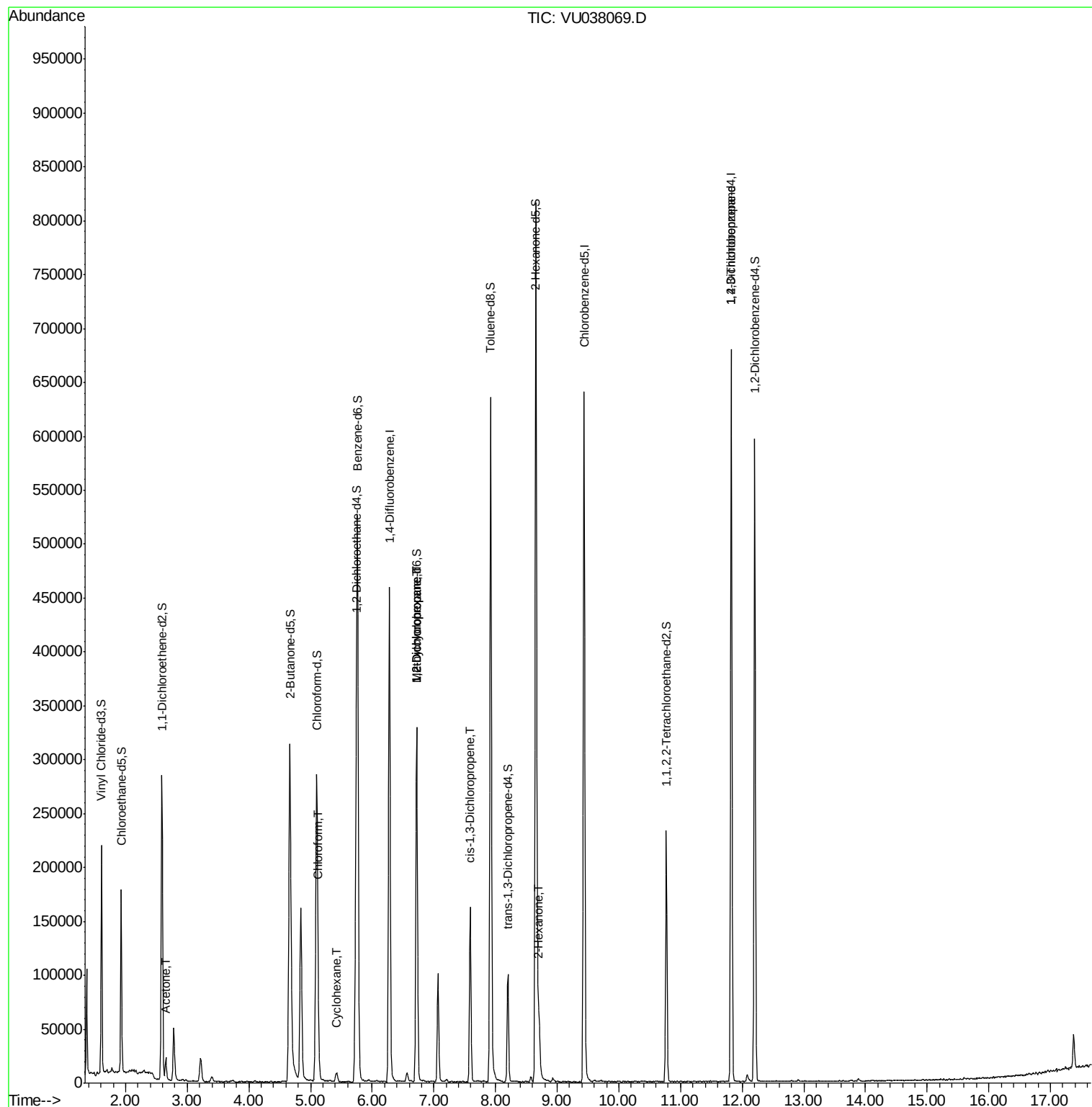
					Ovalue
13) Acetone	2.65	43	23026	4.467 ug/L	95
25) Chloroform	5.13	83	26831	0.534 ug/L	97
30) Cyclohexane	5.43	56	4392	0.091 ug/L #	87
35) Methylcyclohexane	6.72	83	34268	0.740 ug/L #	15
37) 1,2-Dichloropropane	6.72	63	15826	0.510 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3636	0.082 ug/L #	65
48) 2-Hexanone	8.71	43	34598	2.196 ug/L	94
59) 1,2,3-Trichloropropane	11.82	75	22403	1.075 ug/L #	87

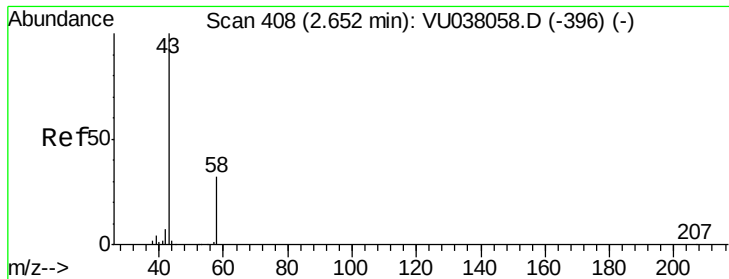
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 04:55:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.467 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU038069.D

Acq: 08 May 2020 03:48

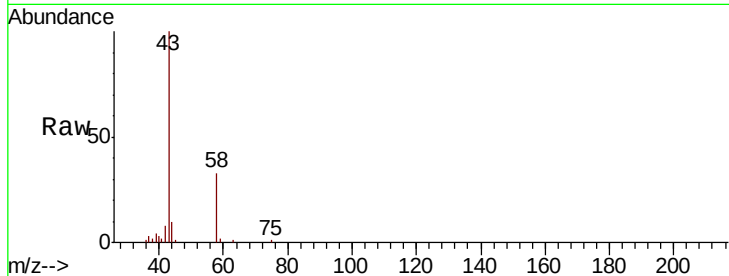
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 23026

Ion Ratio Lower Upper

43 100

58 34.8 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038058.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU038058.D (-396) (-)

15000

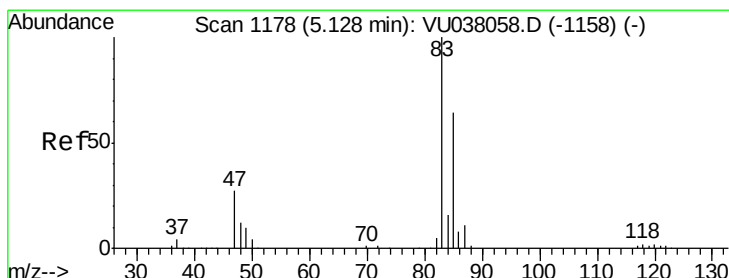
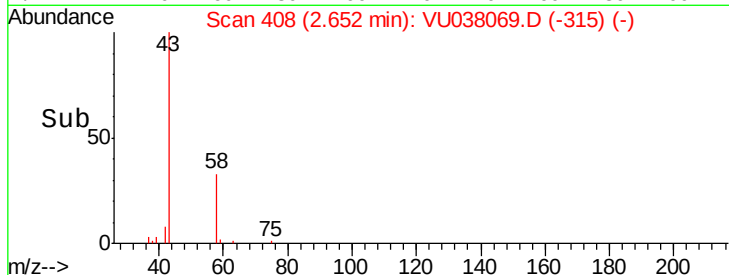
10000

5000

0

2.60 2.65 2.70

Time-->



#25

Chloroform

Concen: 0.534 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU038069.D

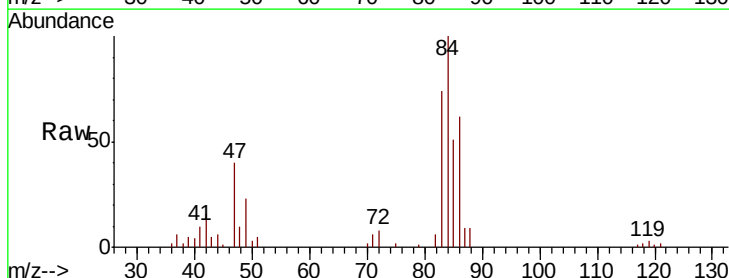
Acq: 08 May 2020 03:48

Tgt Ion: 83 Resp: 26831

Ion Ratio Lower Upper

83 100

85 68.2 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VU038058.D (-1158) (-)

Ion 85.00 (84.70 to 85.70): VU038058.D (-1158) (-)

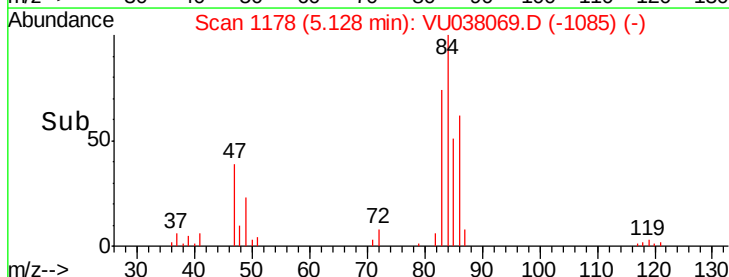
10000

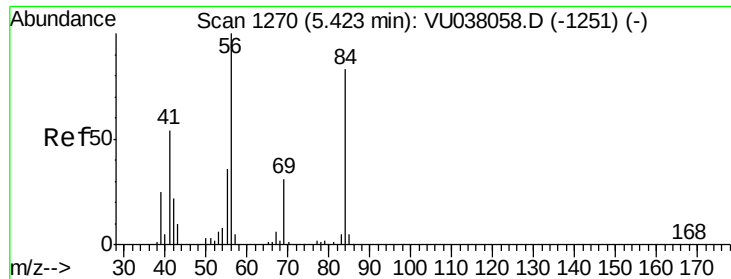
5000

0

5.05 5.10 5.15 5.20

Time-->

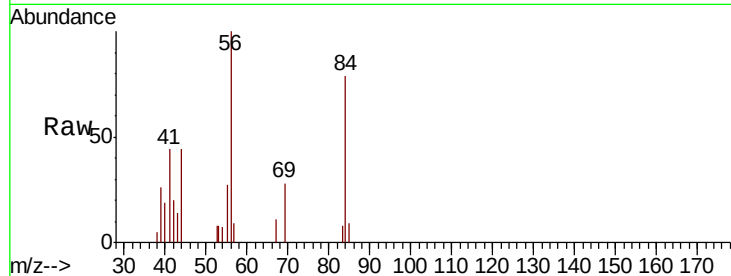




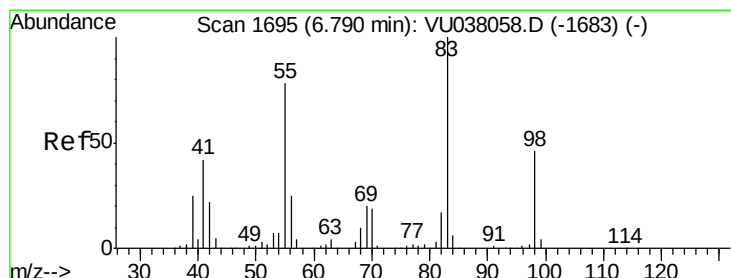
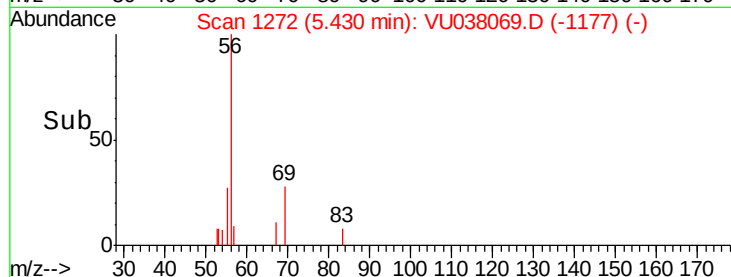
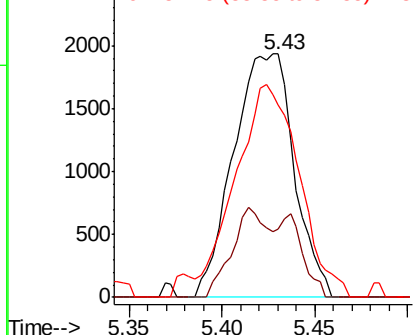
#30
Cyclohexane
Concen: 0.091 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VU038069.D
Acq: 08 May 2020 03:48

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 4392
Ion Ratio Lower Upper
56 100
69 14.1 24.2 36.4#
84 91.7 68.5 102.7

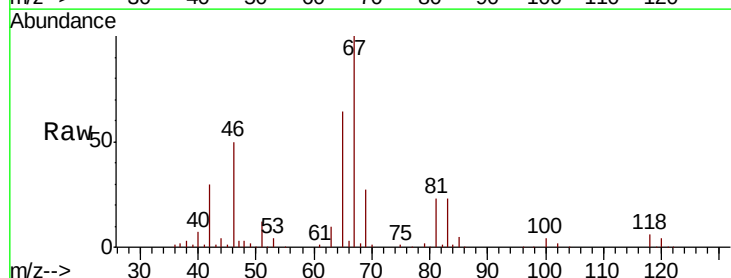


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

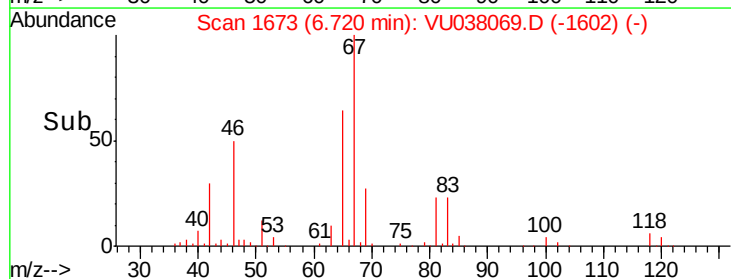
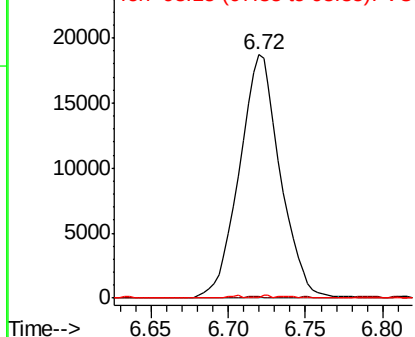


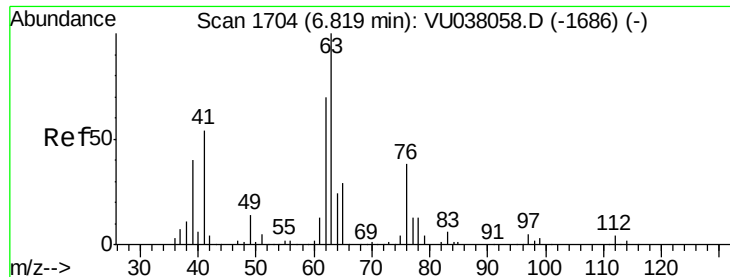
#35
Methylcyclohexane
Concen: 0.740 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038069.D
Acq: 08 May 2020 03:48

Tgt Ion: 83 Resp: 34268
Ion Ratio Lower Upper
83 100
55 0.2 66.7 100.1#
98 0.2 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

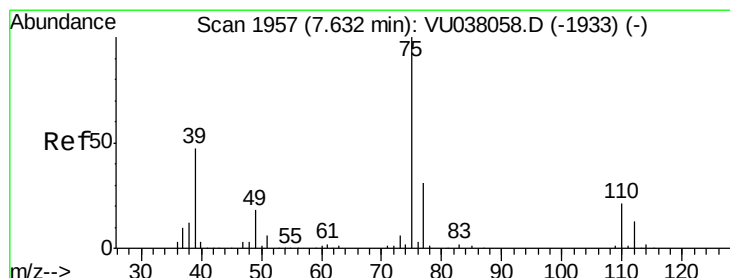
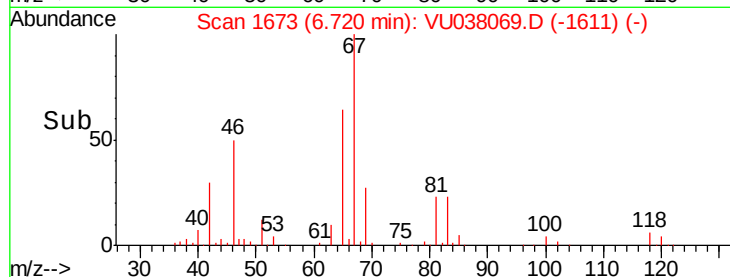
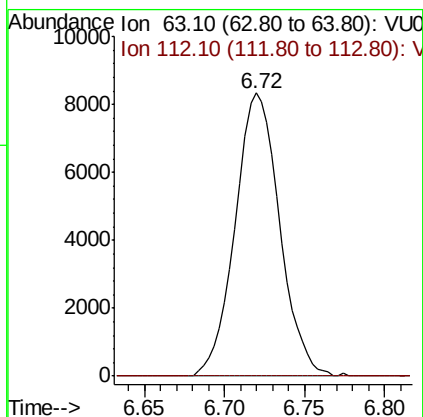
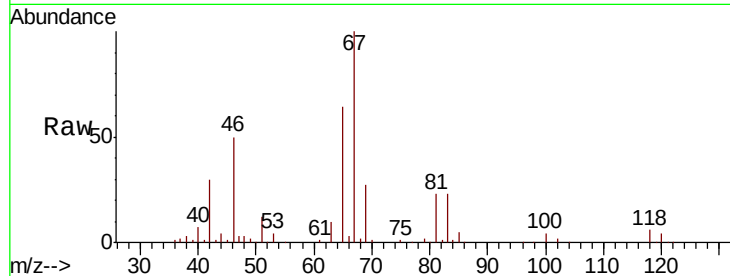




#37
 1,2-Dichloropropane
 Concen: 0.510 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038069.D
 Acq: 08 May 2020 03:48

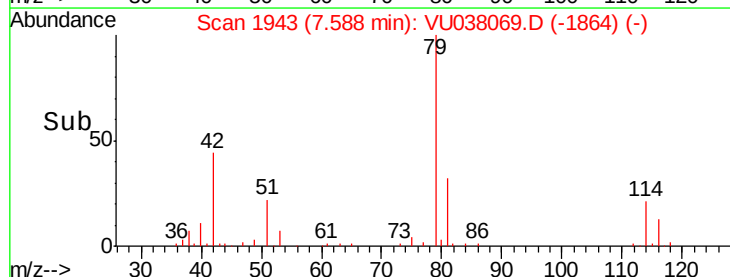
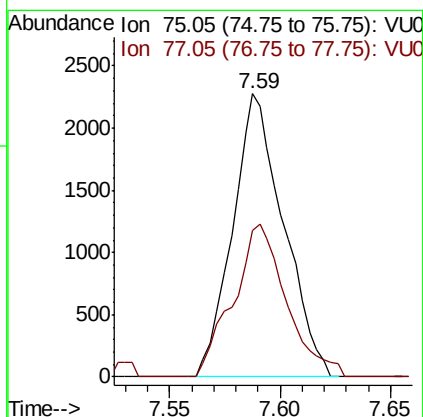
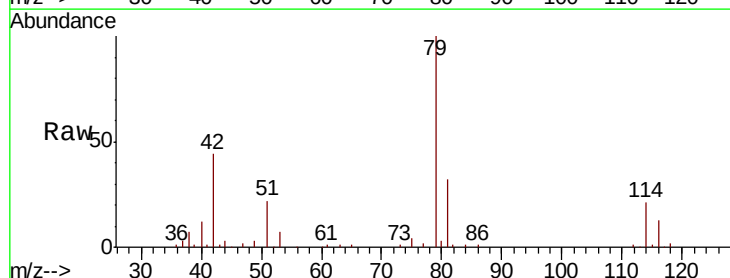
Instrument :
 MSVOA_U
 ClientSampleId :

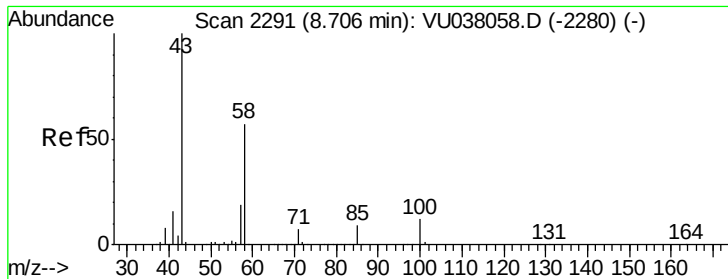
Tot Ion: 63 Resp: 15826
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038069.D
 Acq: 08 May 2020 03:48

Tgt Ion: 75 Resp: 3636
 Ion Ratio Lower Upper
 75 100
 77 51.5 22.4 41.6#

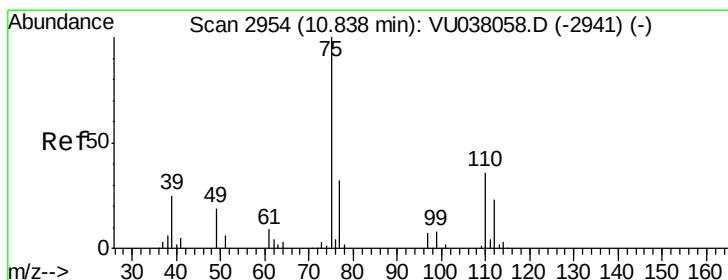
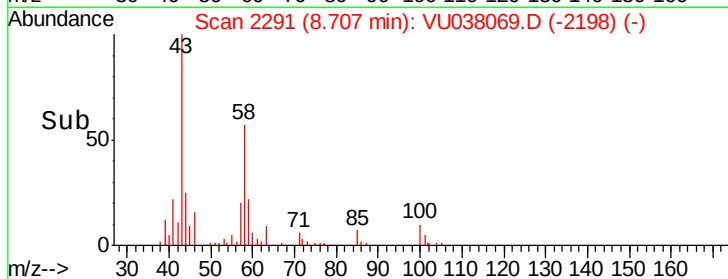
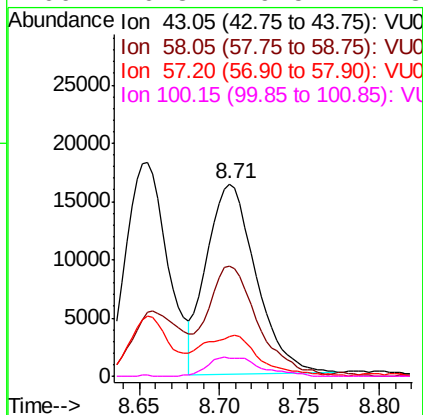
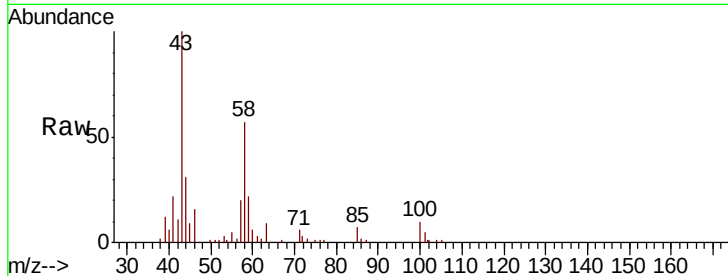




#48
2-Hexanone
Concen: 2.196 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038069.D
Acq: 08 May 2020 03:48

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	43	Resp:	34598
Ion	Ratio	Lower	Upper
43	100		
58	60.3	45.2	67.8
57	23.2	15.5	23.3
100	10.8	9.5	14.3



#59
1,2,3-Trichloropropane
Concen: 1.075 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038069.D
Acq: 08 May 2020 03:48

Tgt Ion:	75	Resp:	22403
Ion	Ratio	Lower	Upper
75	100		
77	39.0	25.4	38.0#

