

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070920\
 Data File : VU039401.D
 Acq On : 09 Jul 2020 17:34
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK34

Quant Time: Jul 10 00:22:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 00:19:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	98608	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	91117	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44997	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26000	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.92	69	31043	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.58	63	41183	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.65	46	154871	59.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.44%
24) Chloroform-d	5.08	84	65052	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.72	65	43795	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
32) Benzene-d6	5.75	84	126750	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.60%
36) 1,2-Dichloropropane-d6	6.70	67	44137	5.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.60%
41) Toluene-d8	7.91	98	108176	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
43) trans-1,3-Dichloropropene-	8.19	79	17599	5.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.40%
46) 2-Hexanone-d5	8.64	63	110103	54.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.08%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42037	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	44770	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

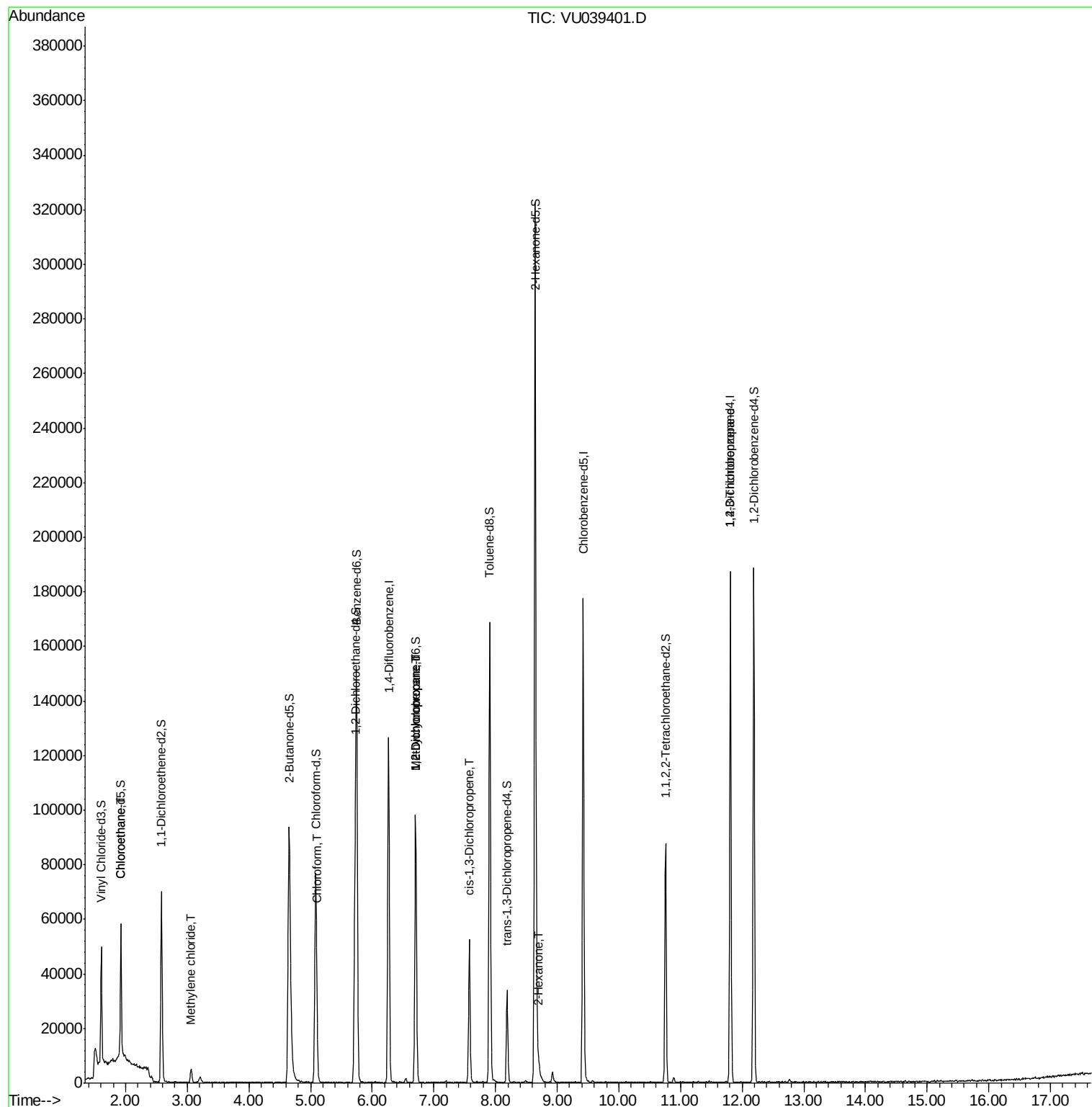
					Ovalue
8) Chloroethane	1.92	64	574	0.099 ug/L #	53
16) Methylene chloride	3.06	84	2389	0.324 ug/L	81
25) Chloroform	5.11	83	2871	0.224 ug/L	89
35) Methylcyclohexane	6.71	83	9634	0.854 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	5124	0.690 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1502	0.134 ug/L #	57
48) 2-Hexanone	8.70	43	4919	1.077 ug/L #	92
59) 1,2,3-Trichloropropane	11.81	75	7070	1.292 ug/L	93

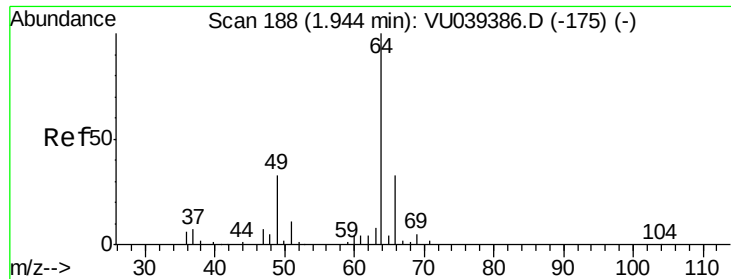
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.099 ug/L

RT: 1.92 min Scan# 179

Delta R.T. -0.03 min

Lab File: VU039401.D

Acq: 09 Jul 2020 17:34

Instrument :

MSVOA_U

ClientSampleId :

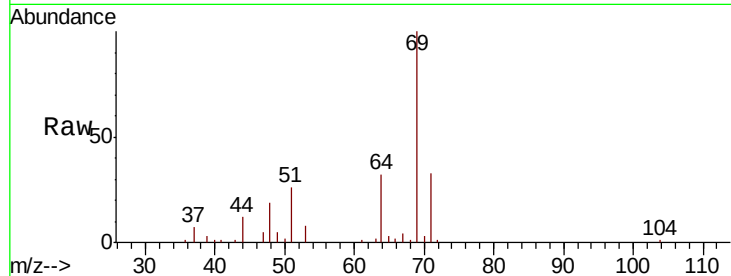
VIBLK34

Tot Ion: 64 Resp: 574

Ion Ratio Lower Upper

64 100

66 6.6 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.92

5000

4000

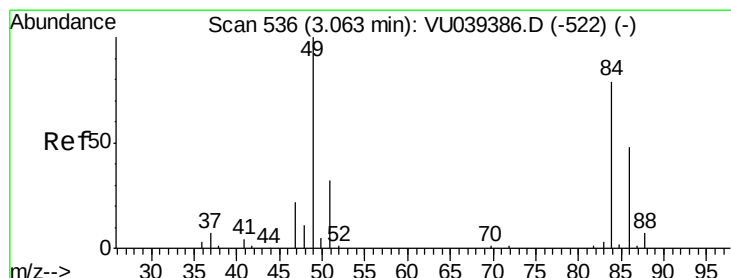
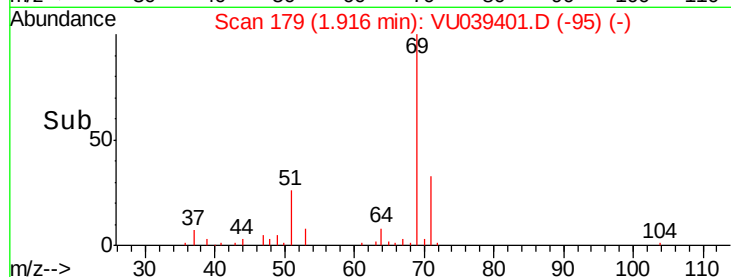
3000

2000

1000

0

Time-->



#16

Methylene chloride

Concen: 0.324 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039401.D

Acq: 09 Jul 2020 17:34

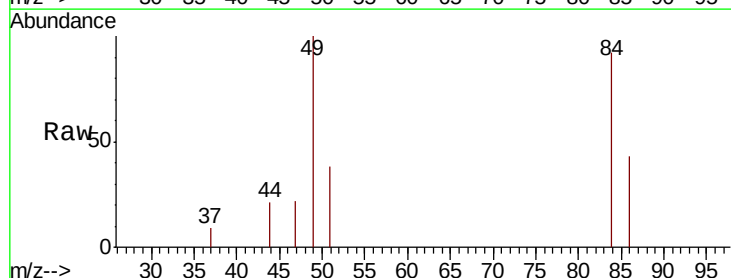
Tgt Ion: 84 Resp: 2389

Ion Ratio Lower Upper

84 100

86 47.0 43.5 80.9

49 108.2 91.1 169.1



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

2000

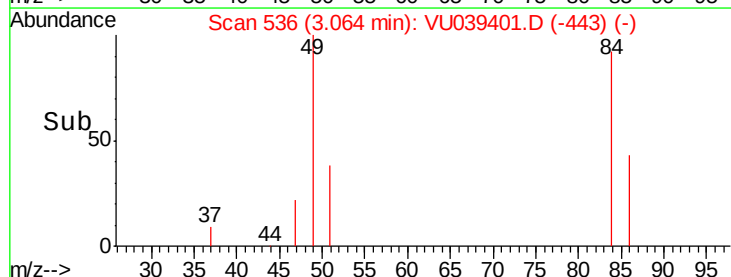
1500

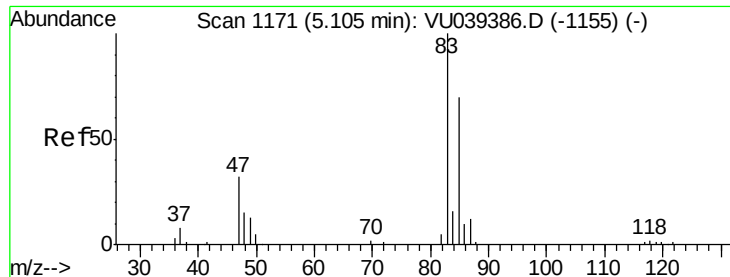
1000

500

0

Time-->

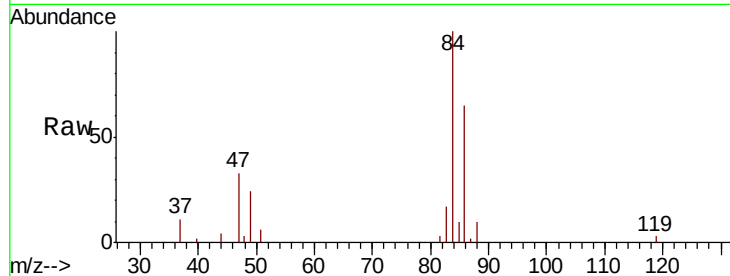




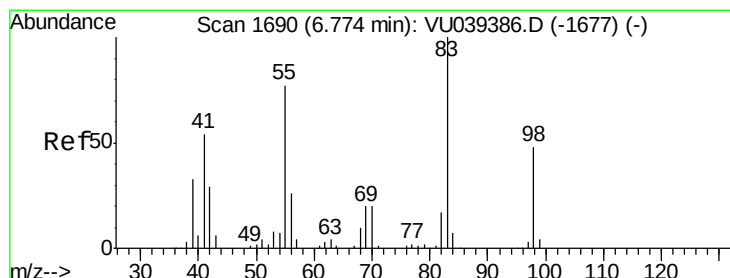
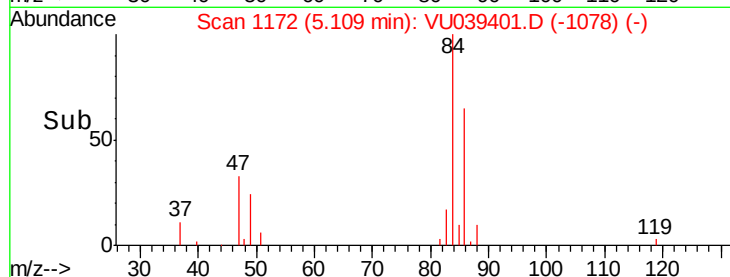
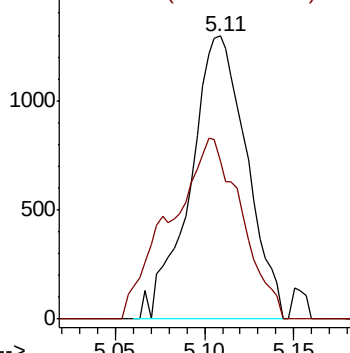
#25
Chloroform
Concen: 0.224 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039401.D
Acq: 09 Jul 2020 17:34

Instrument :
MSVOA_U
ClientSampled :
VIBLK34

Tot Ion: 83 Resp: 2871
Ion Ratio Lower Upper
83 100
85 55.7 44.9 83.5

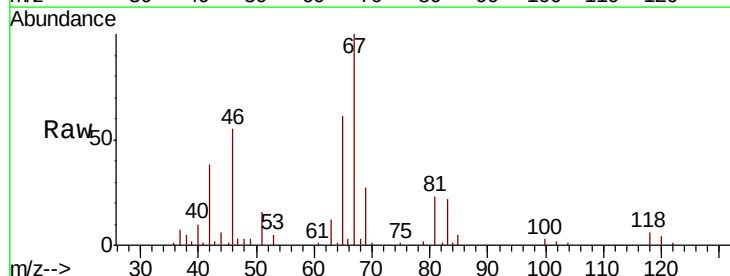


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

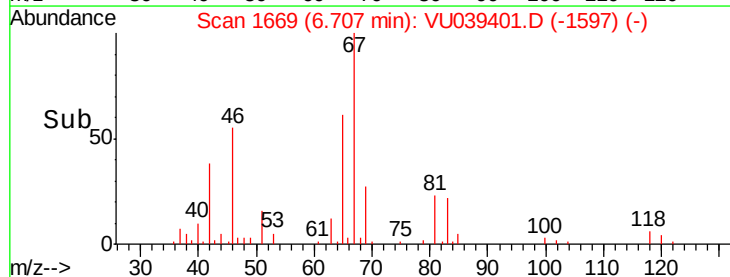
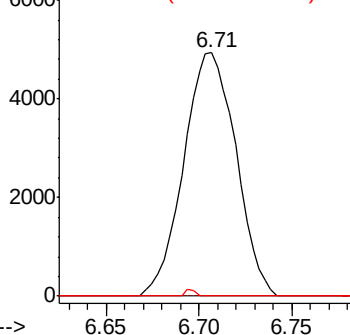


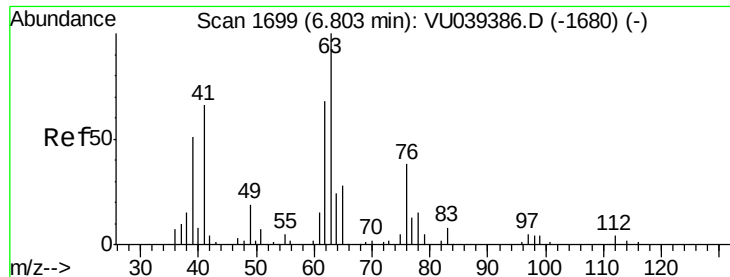
#35
Methylcyclohexane
Concen: 0.854 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039401.D
Acq: 09 Jul 2020 17:34

Tgt Ion: 83 Resp: 9634
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.5 35.9 53.9#



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

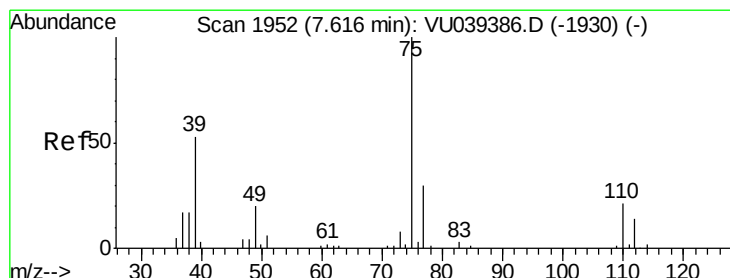
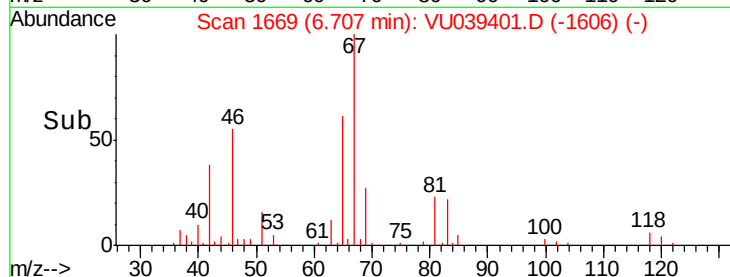
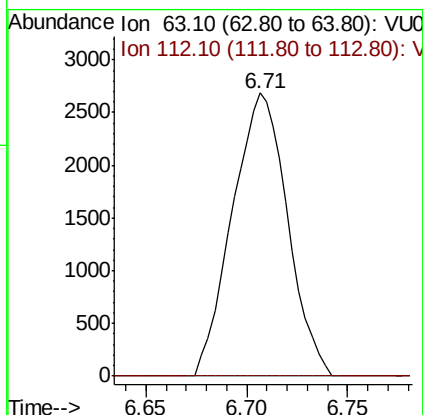
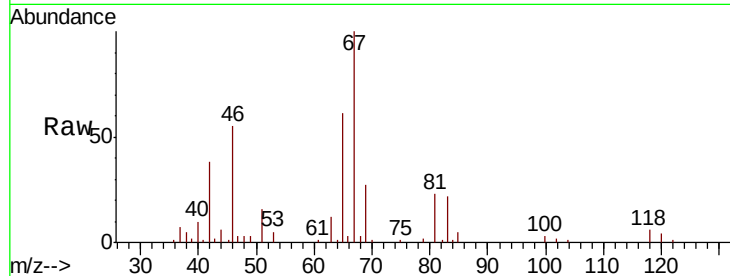




#37
 1,2-Dichloropropane
 Concen: 0.690 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039401.D
 Acq: 09 Jul 2020 17:34

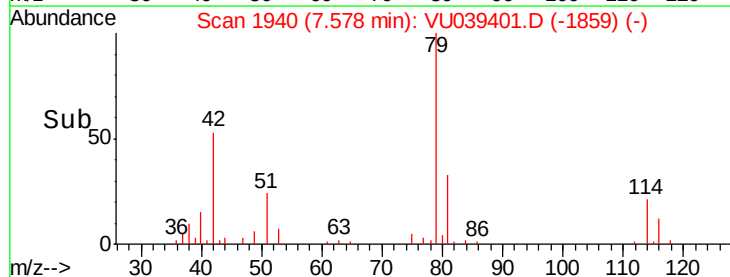
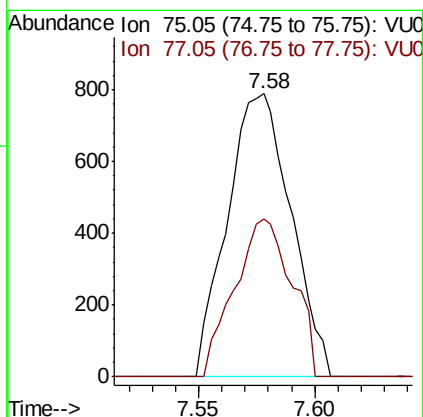
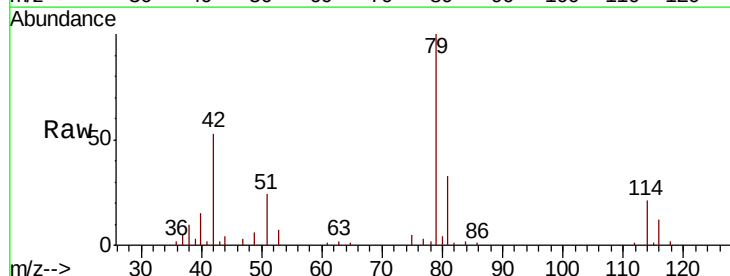
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK34

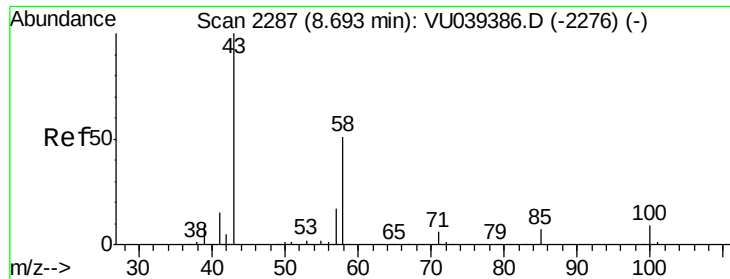
Tot Ion: 63 Resp: 5124
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.134 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039401.D
 Acq: 09 Jul 2020 17:34

Tgt Ion: 75 Resp: 1502
 Ion Ratio Lower Upper
 75 100
 77 55.6 22.3 41.3#

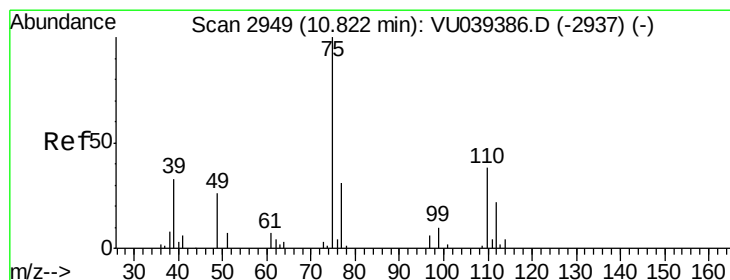
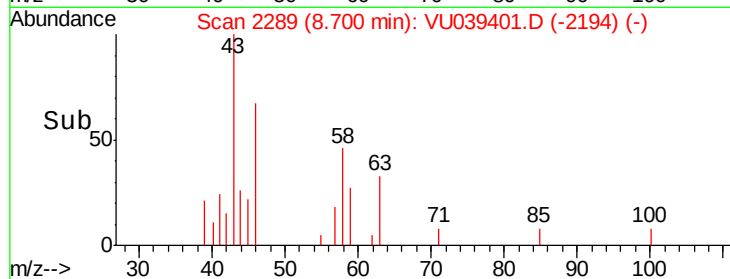
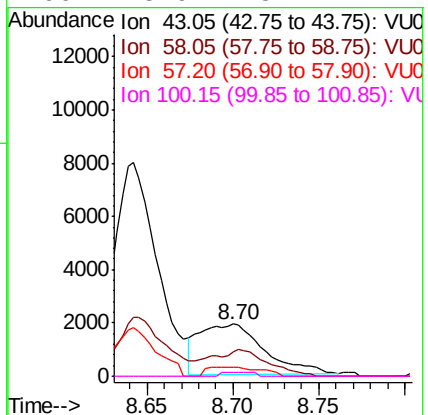
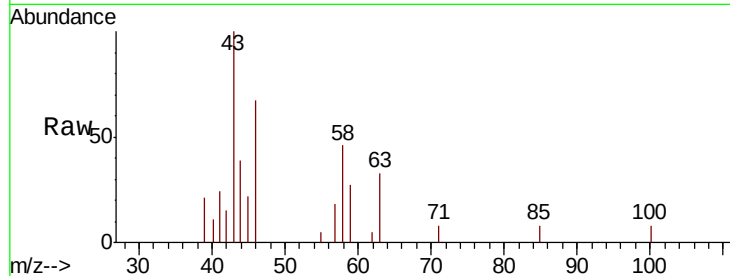




#48
 2-Hexanone
 Concen: 1.077 ug/L
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: VU039401.D
 Acq: 09 Jul 2020 17:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK34

Tot Ion: 43 Resp: 4919
 Ion Ratio Lower Upper
 43 100
 58 46.8 42.0 63.0
 57 15.5 14.0 21.0
 100 3.9 8.2 12.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.292 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU039401.D
 Acq: 09 Jul 2020 17:34

Tgt Ion: 75 Resp: 7070
 Ion Ratio Lower Upper
 75 100
 77 37.2 26.8 40.2

