

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039338.D
 Acq On : 08 Jul 2020 00:33
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jul 08 01:49:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:44:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	112369	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	104295	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49343	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32170	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.92	69	31580	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.58	63	45034	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.66	46	157393	52.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.64%
24) Chloroform-d	5.09	84	67747	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.72	65	43690	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.74	84	129184	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.71	67	45826	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.91	98	106985	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	8.19	79	18500	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.64	63	112528	48.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.40%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	41522	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	44049	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

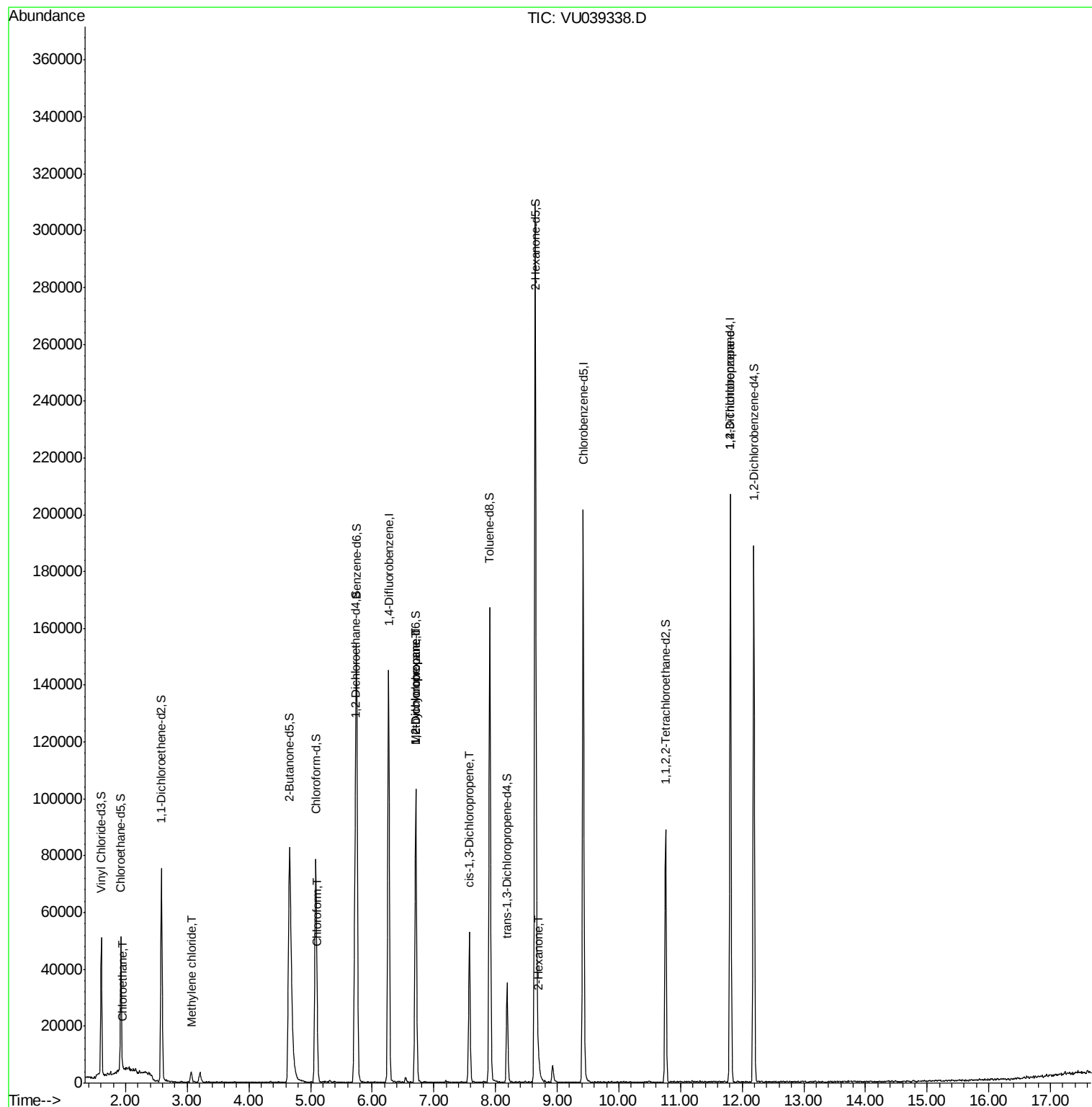
					Ovalue
8) Chloroethane	1.96	64	518	0.078 ug/L #	41
16) Methylene chloride	3.07	84	1402	0.167 ug/L	95
25) Chloroform	5.11	83	3336	0.228 ug/L	84
35) Methylcyclohexane	6.71	83	10298	0.797 ug/L #	19
37) 1,2-Dichloropropane	6.71	63	5586	0.657 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1446	0.113 ug/L #	64
48) 2-Hexanone	8.70	43	5078	0.971 ug/L #	87
59) 1,2,3-Trichloropropane	11.81	75	7633	1.218 ug/L #	87

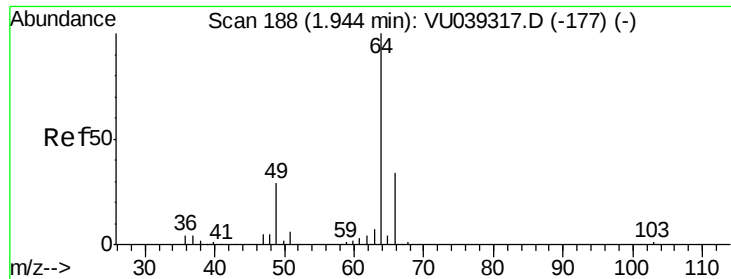
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.078 ug/L

RT: 1.96 min Scan# 194

Delta R.T. 0.02 min

Lab File: VU039338.D

Acq: 08 Jul 2020 00:33

Instrument :

MSVOA_U

ClientSampled :

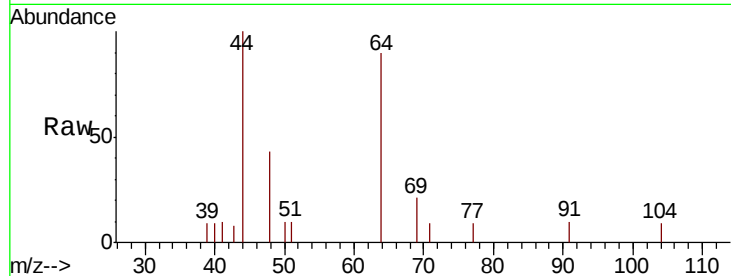
VIBLK

Tot Ion: 64 Resp: 518

Ion Ratio Lower Upper

64 100

66 0.0 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VU039338.D (-177) (-)

Ion 66.05 (65.75 to 66.75): VU039338.D (-177) (-)

1.96

1500

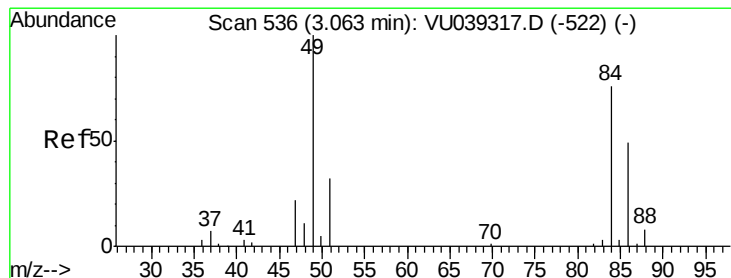
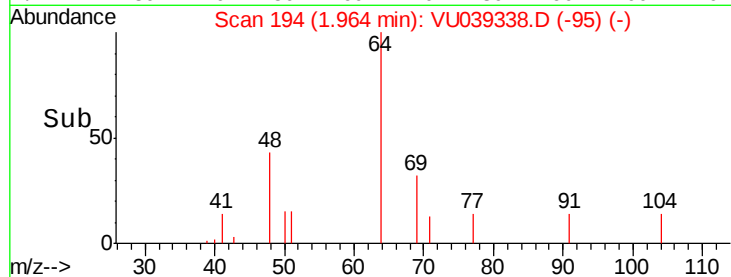
1000

500

0

1.94 1.96 1.98 2.00

Time-->



#16

Methylene chloride

Concen: 0.167 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.00 min

Lab File: VU039338.D

Acq: 08 Jul 2020 00:33

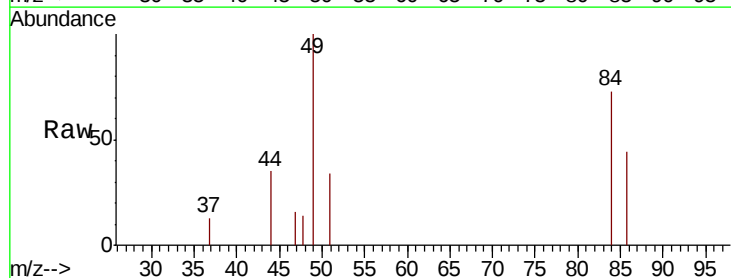
Tgt Ion: 84 Resp: 1402

Ion Ratio Lower Upper

84 100

86 59.5 43.5 80.9

49 136.6 91.1 169.1



Abundance Ion 84.05 (83.75 to 84.75): VU039338.D (-522) (-)

Ion 86.00 (85.70 to 86.70): VU039338.D (-522) (-)

Ion 49.10 (48.80 to 49.80): VU039338.D (-522) (-)

1500

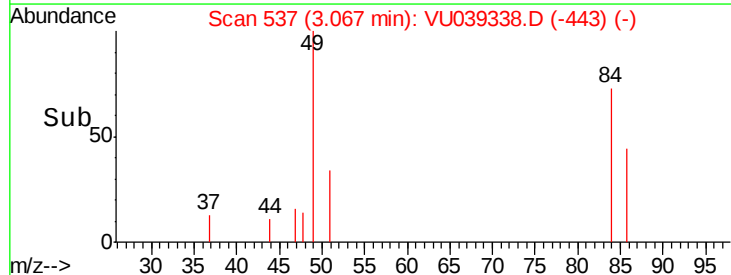
1000

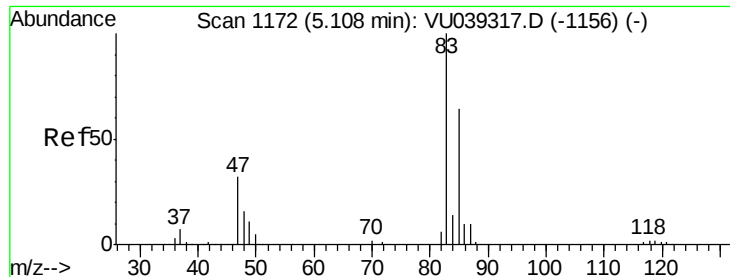
500

0

3.02 3.04 3.06 3.08 3.10

Time-->

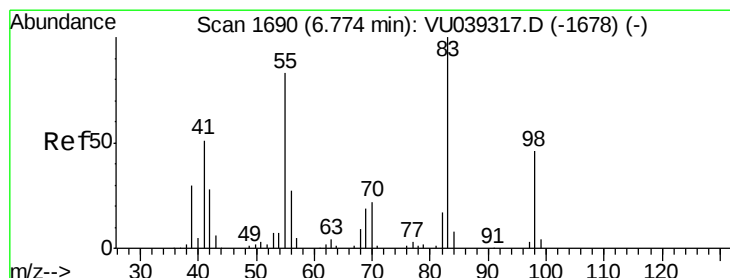
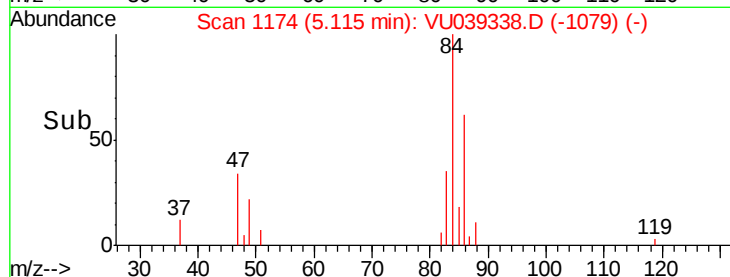
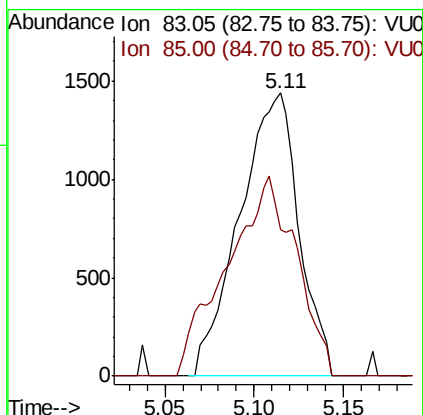
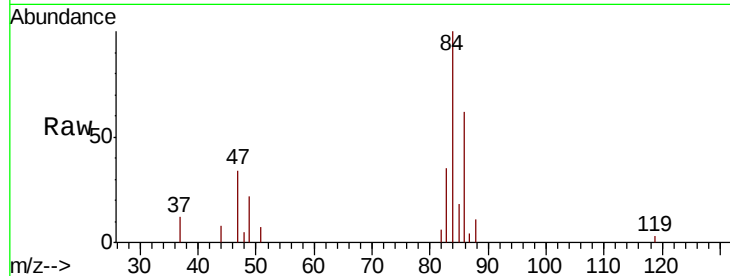




#25
Chloroform
Concen: 0.228 ug/L
RT: 5.11 min Scan# 1174
Delta R.T. 0.01 min
Lab File: VU039338.D
Acq: 08 Jul 2020 00:33

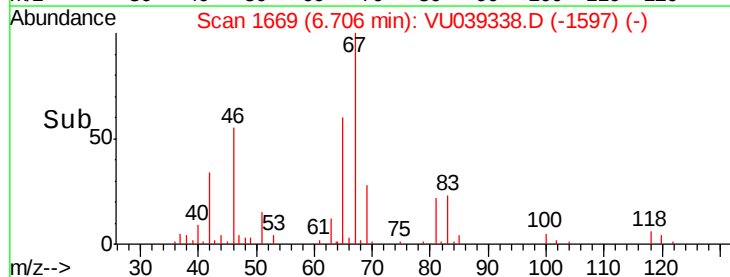
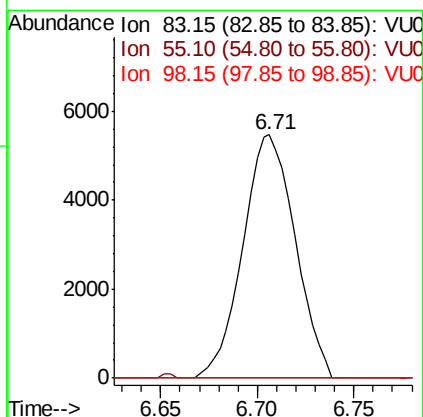
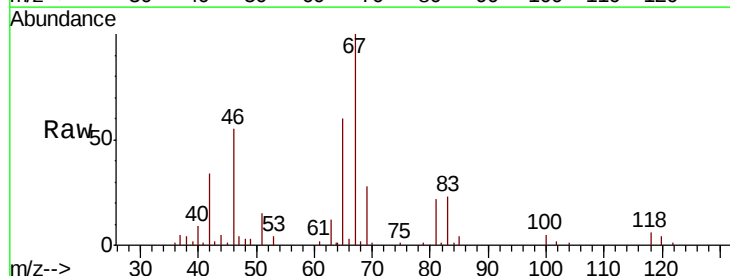
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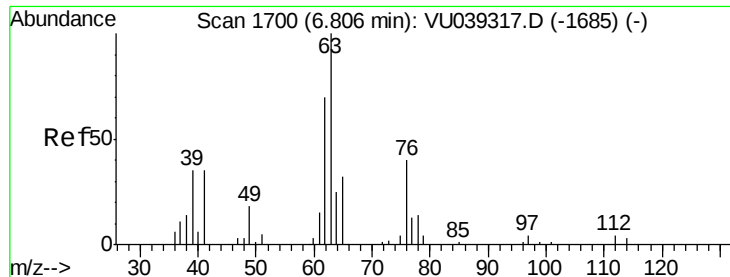
Tot Ion: 83 Resp: 3336
Ion Ratio Lower Upper
83 100
85 51.7 44.9 83.5



#35
Methylcyclohexane
Concen: 0.797 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039338.D
Acq: 08 Jul 2020 00:33

Tgt Ion: 83 Resp: 10298
Ion Ratio Lower Upper
83 100
55 0.4 62.1 93.1#
98 1.0 35.9 53.9#

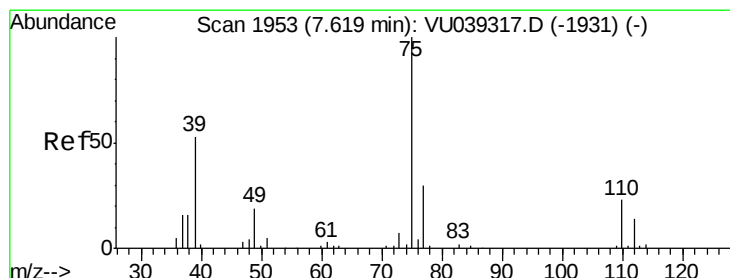
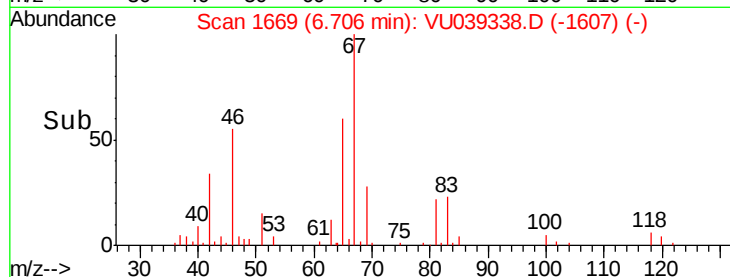
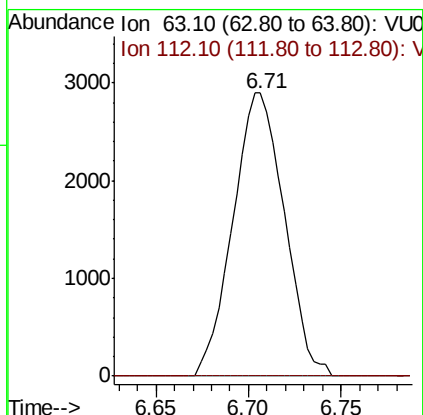
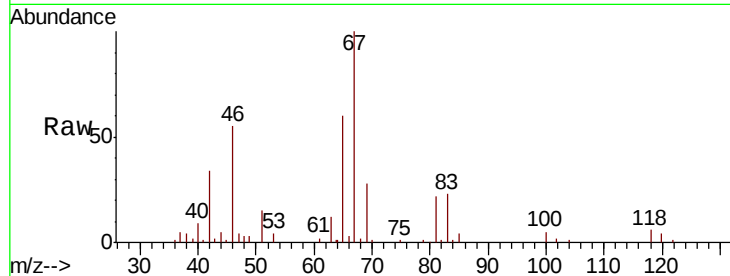




#37
 1,2-Dichloropropane
 Concen: 0.657 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039338.D
 Acq: 08 Jul 2020 00:33

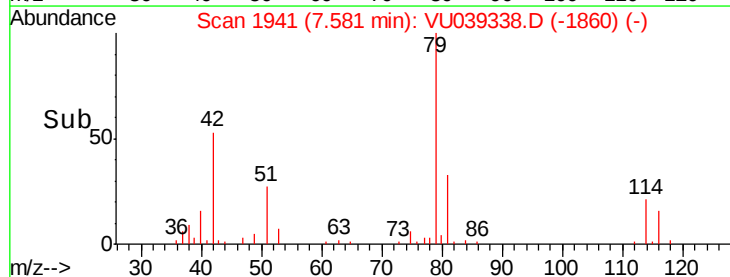
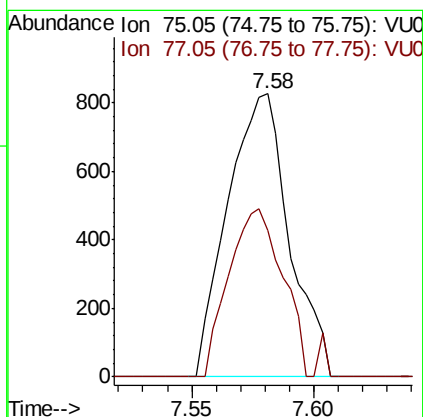
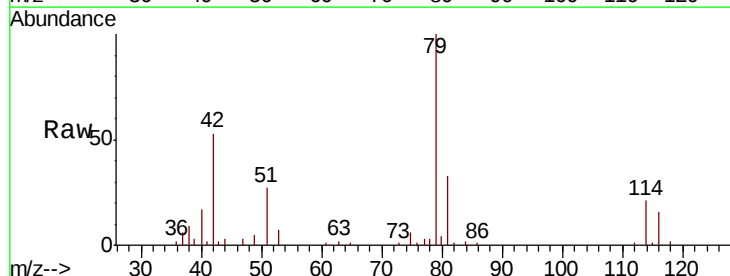
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

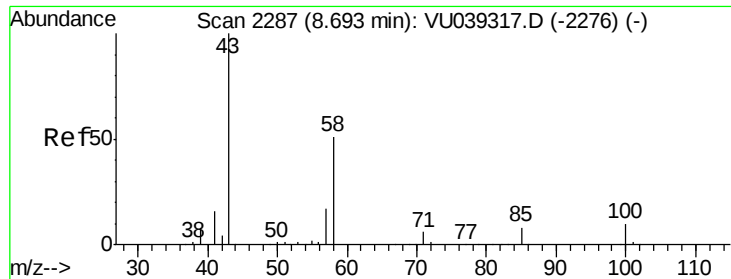
Tot Ion: 63 Resp: 5586
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.5 3.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.04 min
 Lab File: VU039338.D
 Acq: 08 Jul 2020 00:33

Tgt Ion: 75 Resp: 1446
 Ion Ratio Lower Upper
 75 100
 77 51.8 22.3 41.3#

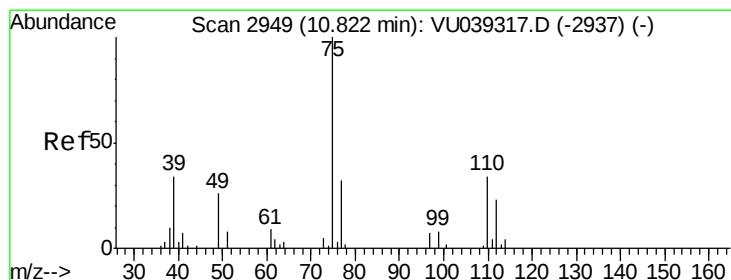
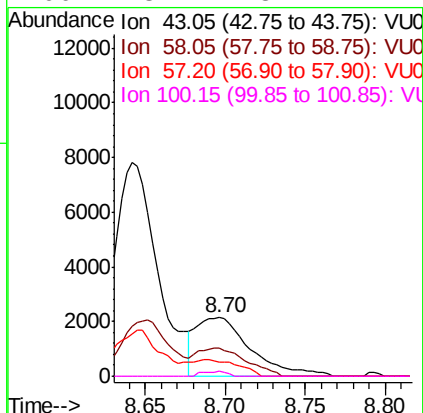
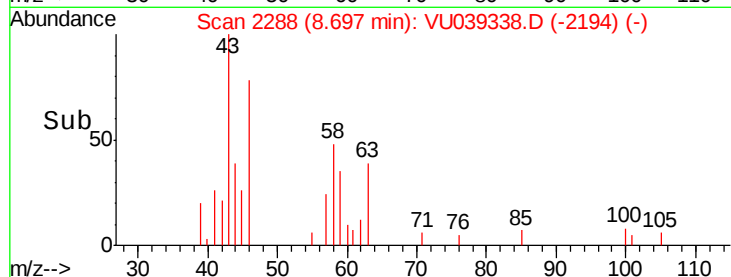
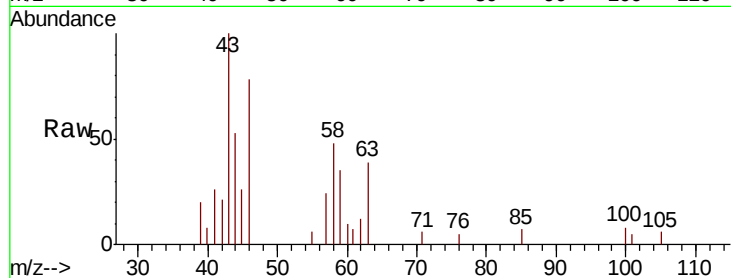




#48
2-Hexanone
Concen: 0.971 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. 0.00 min
Lab File: VU039338.D
Acq: 08 Jul 2020 00:33

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tot Ion: 43 Resp: 5078
Ion Ratio Lower Upper
43 100
58 43.7 42.0 63.0
57 22.7 14.0 21.0#
100 3.7 8.2 12.2#



#59
1,2,3-Trichloropropane
Concen: 1.218 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039338.D
Acq: 08 Jul 2020 00:33

Tgt Ion: 75 Resp: 7633
Ion Ratio Lower Upper
75 100
77 41.0 26.8 40.2#

