

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039329.D
 Acq On : 07 Jul 2020 21:05
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK35

Quant Time: Jul 08 01:47:51 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	109603	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	104483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48670	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31297	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.92	69	33107	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.58	63	43395	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.66	46	159195	54.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.54%
24) Chloroform-d	5.09	84	67651	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.72	65	43841	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.75	84	126850	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.71	67	46239	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.91	98	103967	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.19	79	18024	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.64	63	117241	50.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.30%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	43155	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	45294	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

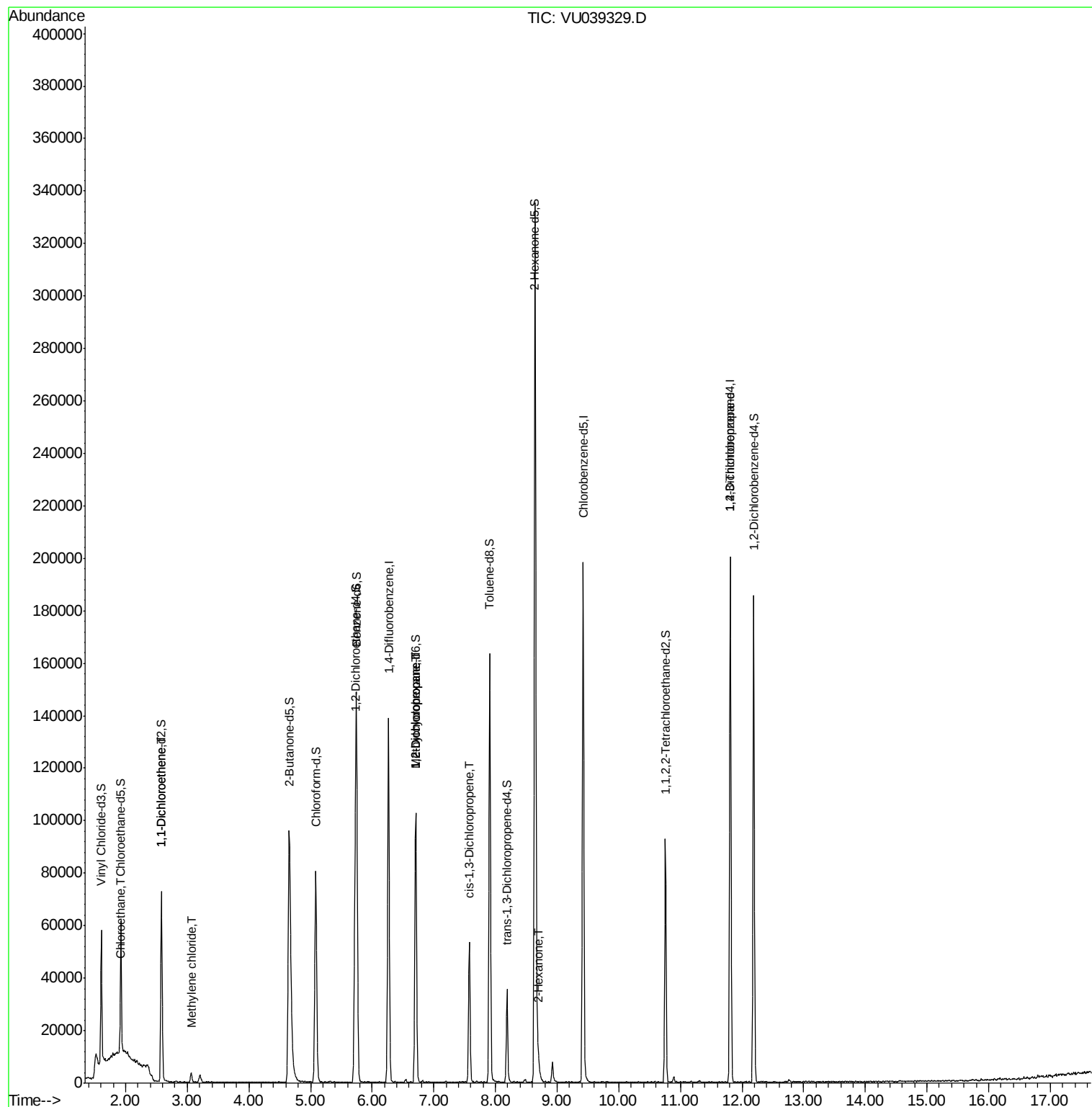
					Ovalue
8) Chloroethane	1.90	64	904	0.140 ug/L #	48
12) 1,1-Dichloroethene	2.59	96	408	0.063 ug/L #	1
16) Methylene chloride	3.07	84	1502	0.183 ug/L	94
35) Methylcyclohexane	6.71	83	10620	0.821 ug/L #	18
37) 1,2-Dichloropropane	6.71	63	5474	0.643 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1416	0.110 ug/L #	50
48) 2-Hexanone	8.70	43	4920	0.939 ug/L #	93
59) 1,2,3-Trichloropropane	11.81	75	7228	1.152 ug/L #	86

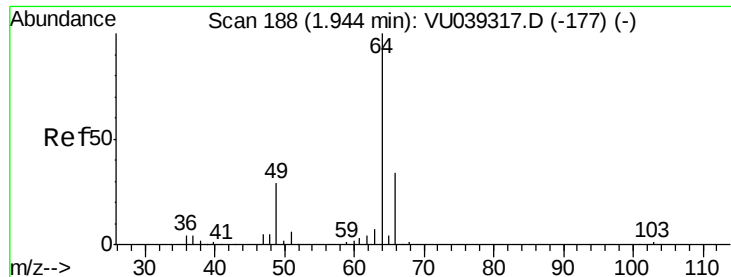
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
Data File : VU039329.D
Acq On : 07 Jul 2020 21:05
Operator : SY/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK35

Quant Time: Jul 08 01:47:51 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





#8

Chloroethane

Concen: 0.140 ug/L

RT: 1.90 min Scan# 175

Delta R.T. -0.04 min

Lab File: VU039329.D

Acq: 07 Jul 2020 21:05

Instrument :

MSVOA_U

ClientSampleId :

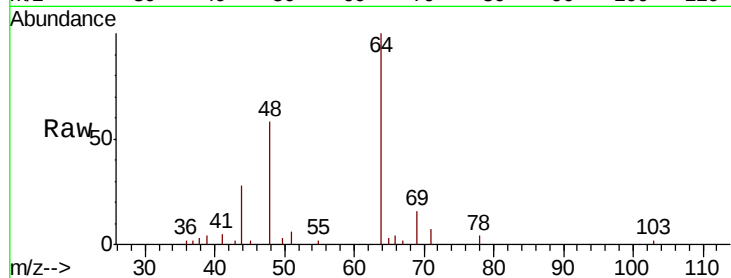
VIBLK35

Tot Ion: 64 Resp: 904

Ion Ratio Lower Upper

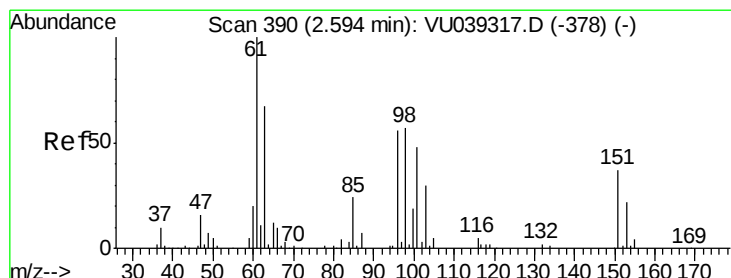
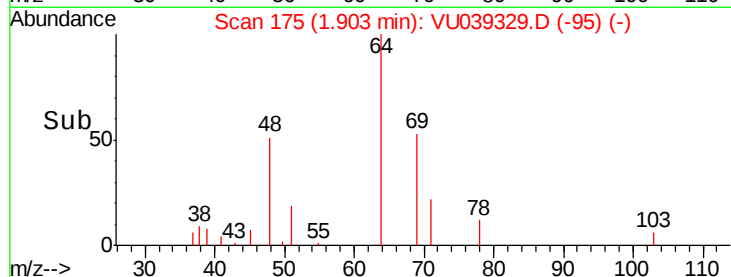
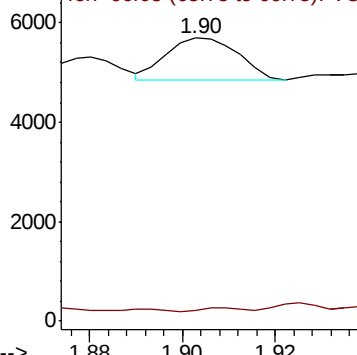
64 100

66 3.9 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU039329.D

Acq: 07 Jul 2020 21:05

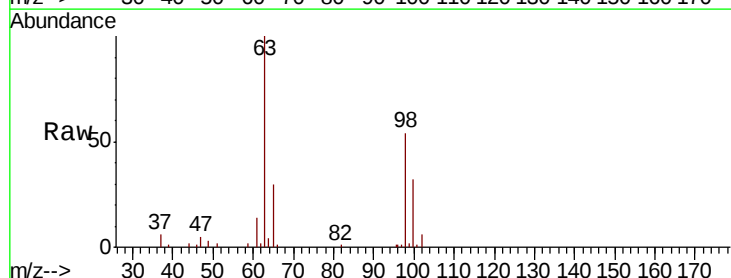
Tgt Ion: 96 Resp: 408

Ion Ratio Lower Upper

96 100

61 734.3 125.4 232.8#

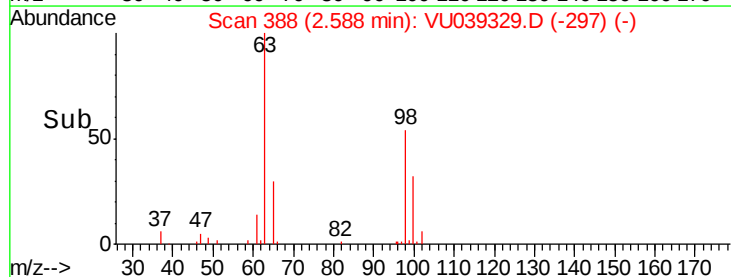
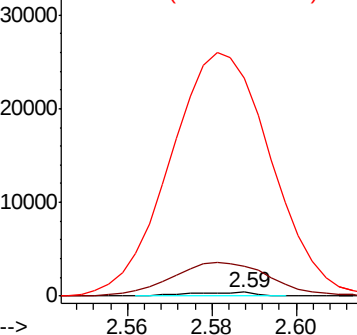
63 5342.5 92.7 172.3#

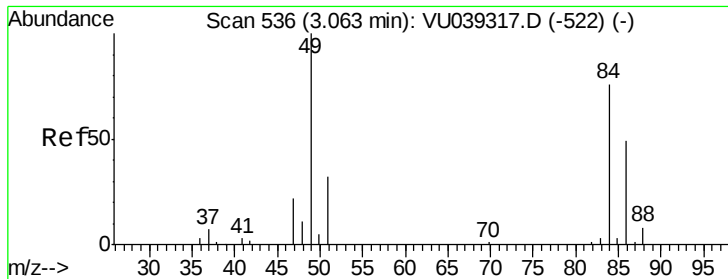


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

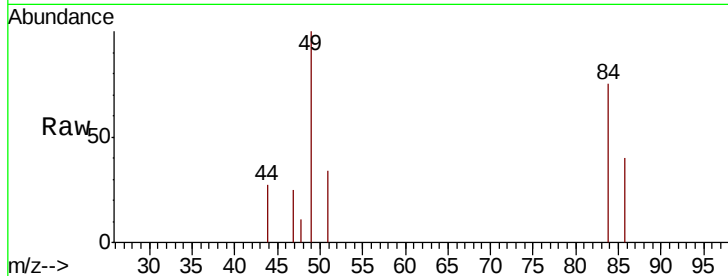




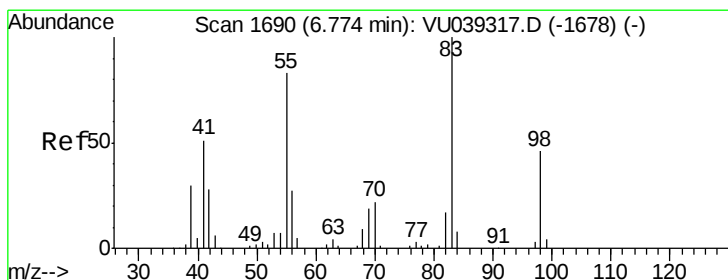
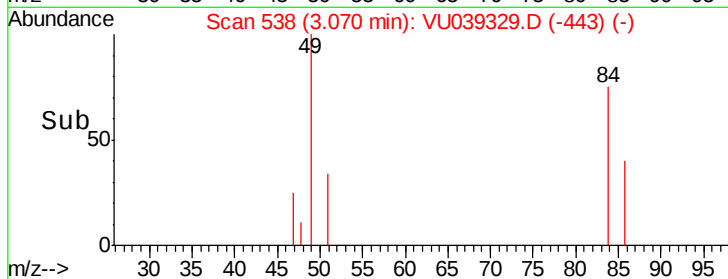
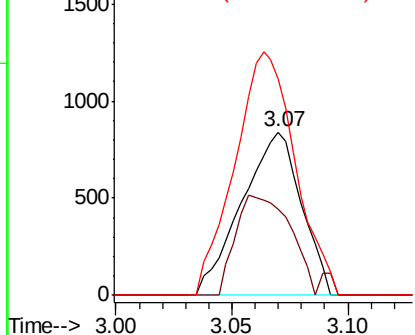
#16
Methylene chloride
Concen: 0.183 ug/L
RT: 3.07 min Scan# 538
Delta R.T. 0.01 min
Lab File: VU039329.D
Acq: 07 Jul 2020 21:05

Instrument :
MSVOA_U
ClientSampleId :
VIBLK35

Tot Ion: 84 Resp: 1502
Ion Ratio Lower Upper
84 100
86 52.7 43.5 80.9
49 132.8 91.1 169.1

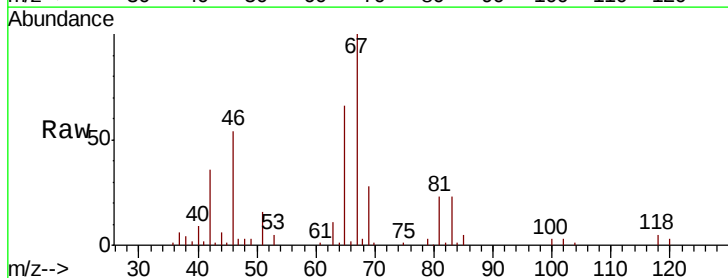


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

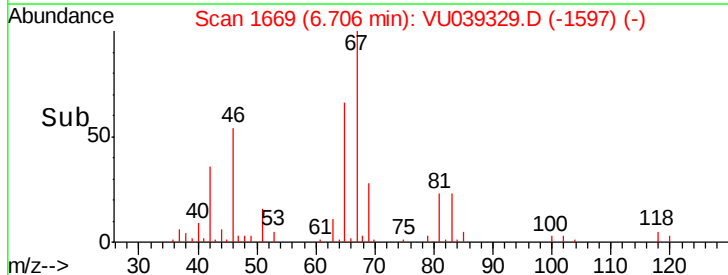
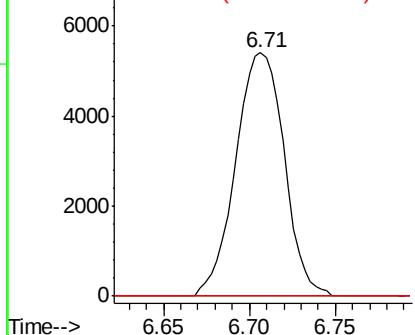


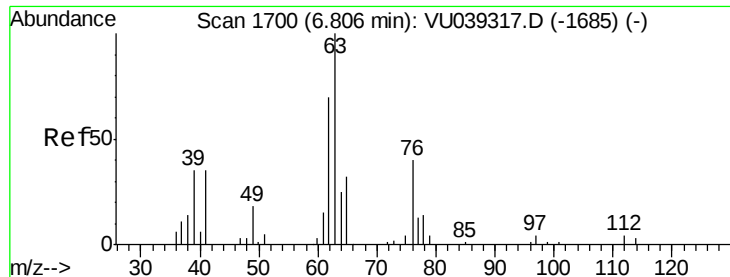
#35
Methylcyclohexane
Concen: 0.821 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039329.D
Acq: 07 Jul 2020 21:05

Tgt Ion: 83 Resp: 10620
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.4 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: 0.643 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VU039329.D

Acq: 07 Jul 2020 21:05

Instrument :

MSVOA_U

ClientSampleId :

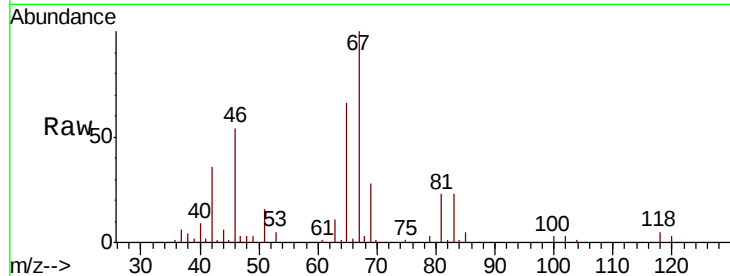
VIBLK35

Tot Ion: 63 Resp: 5474

Ion Ratio Lower Upper

63 100

112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU039317.D (-1685) (-)

Ion 112.10 (111.80 to 112.80): VU039317.D (-1685) (-)

6.71

3000

2500

2000

1500

1000

500

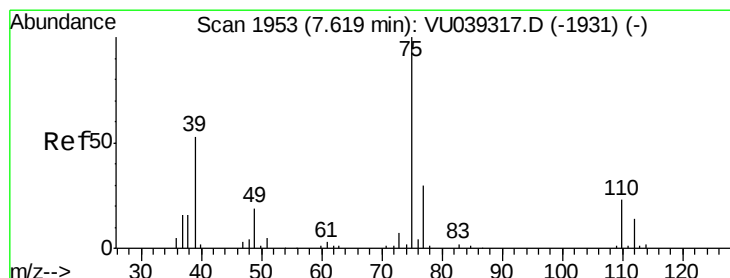
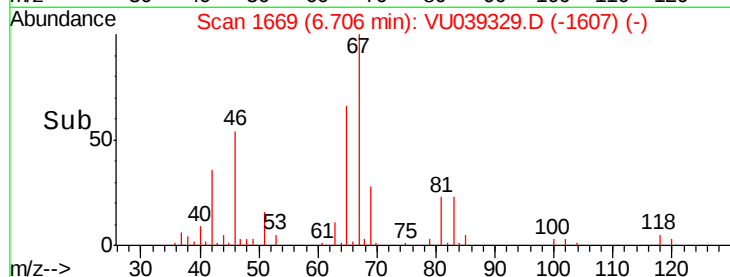
0

6.65

6.70

6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039329.D

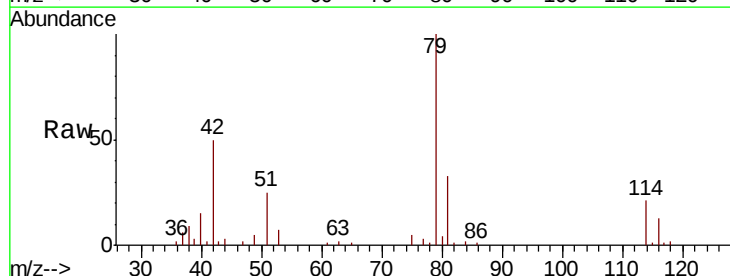
Acq: 07 Jul 2020 21:05

Tgt Ion: 75 Resp: 1416

Ion Ratio Lower Upper

75 100

77 59.3 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU039317.D (-1931) (-)

Ion 77.05 (76.75 to 77.75): VU039317.D (-1931) (-)

7.58

800

600

400

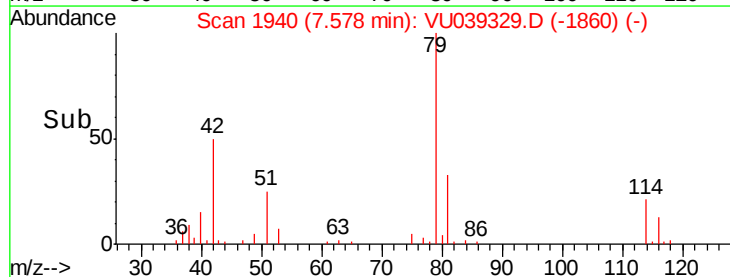
200

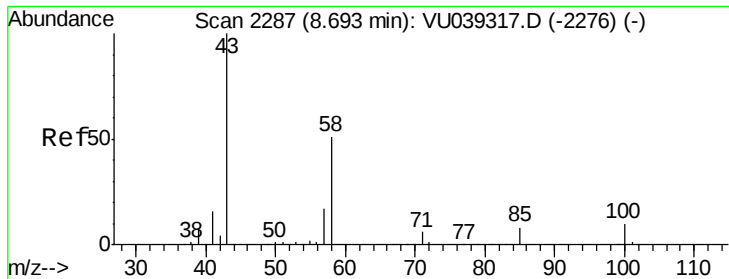
0

7.55

7.60

Time-->

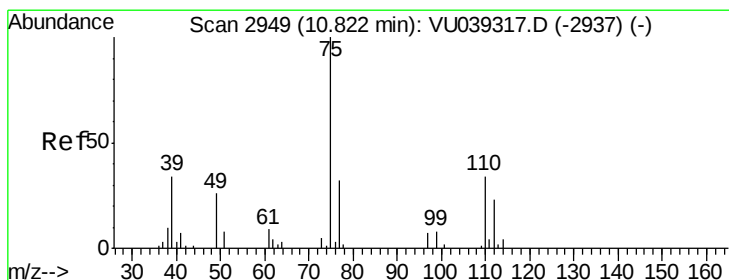
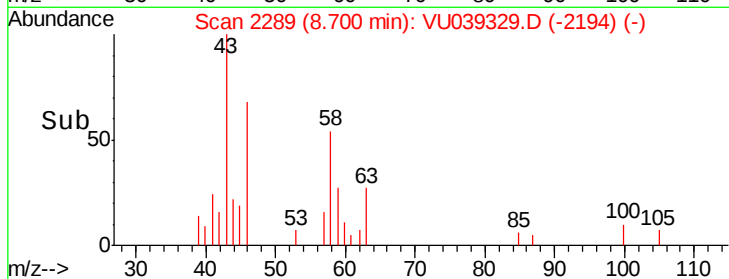
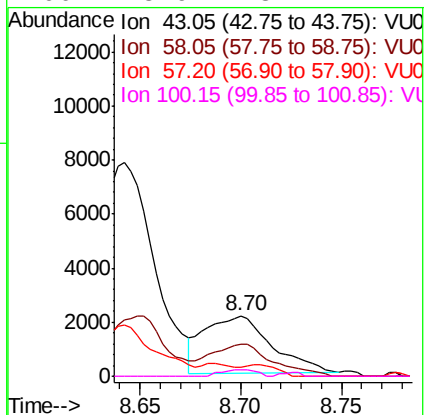
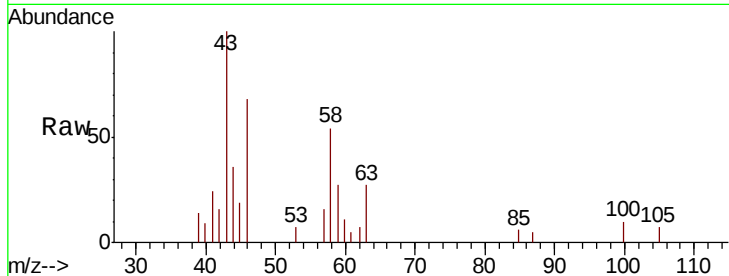




#48
2-Hexanone
Concen: 0.939 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. 0.01 min
Lab File: VU039329.D
Acq: 07 Jul 2020 21:05

Instrument :
MSVOA_U
ClientSampleId :
VIBLK35

Tot Ion: 43 Resp: 4920
Ion Ratio Lower Upper
43 100
58 51.2 42.0 63.0
57 9.1 14.0 21.0#
100 5.9 8.2 12.2#



#59
1,2,3-Trichloropropane
Concen: 1.152 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039329.D
Acq: 07 Jul 2020 21:05

Tgt Ion: 75 Resp: 7228
Ion Ratio Lower Upper
75 100
77 41.2 26.8 40.2#

