

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037468.D
 Acq On : 30 Mar 2020 17:29
 Operator : JC/MD
 Sample : L2001-07DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:20:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 01:16:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	105976	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	105705	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	54685	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28254	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.89	69	23747	4.05	ug/L	-0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.58	63	44256	2.90	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.67	46	92005	43.15	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.30%
24) Chloroform-d	5.10	84	57078	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.80%
26) 1,2-Dichloroethane-d4	5.74	65	34998	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
32) Benzene-d6	5.76	84	120579	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
36) 1,2-Dichloropropane-d6	6.72	67	40765	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.92	98	111385	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	8.20	79	18222	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.66	63	93145	49.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.58%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	37070	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	45530	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

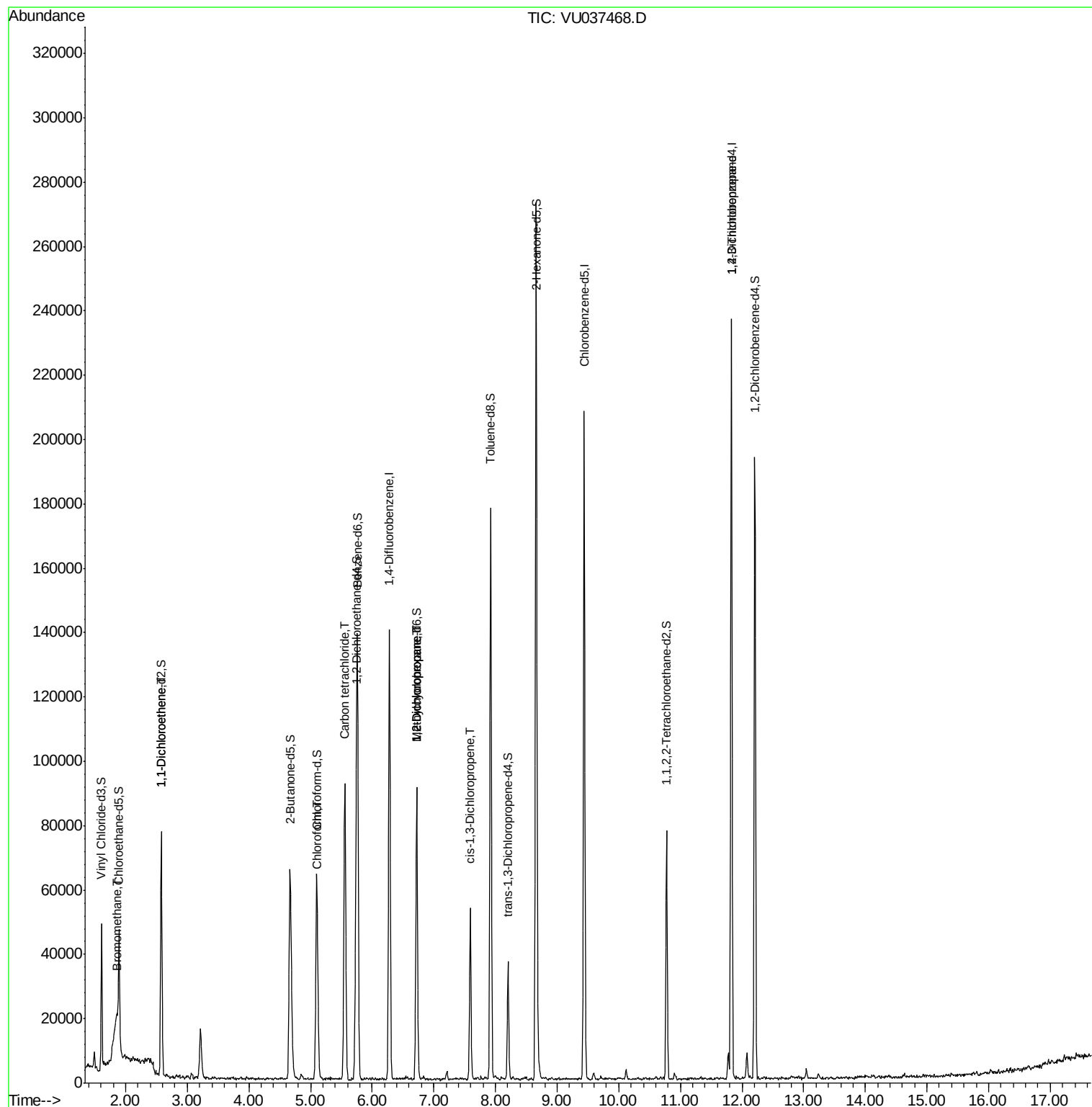
					Ovalue
6) Bromomethane	1.84	94	567	0.121 ug/L	78
12) 1,1-Dichloroethene	2.58	96	482	0.069 ug/L #	1
25) Chloroform	5.12	83	6423	0.448 ug/L	94
31) Carbon tetrachloride	5.56	117	59690	5.203 ug/L	100
35) Methylcyclohexane	6.72	83	9433	0.669 ug/L #	20
37) 1,2-Dichloropropane	6.72	63	4830	0.597 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1321	0.100 ug/L #	18
59) 1,2,3-Trichloropropane	11.83	75	7820	1.389 ug/L #	88

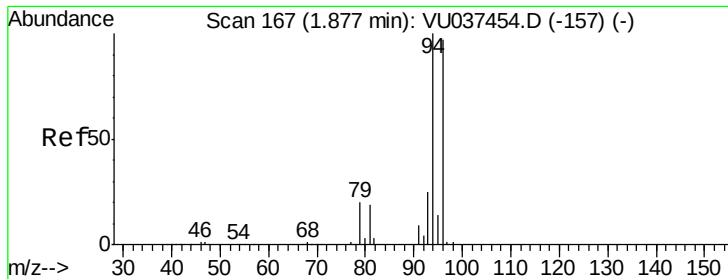
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.121 ug/L

RT: 1.84 min Scan# 157

Delta R.T. -0.03 min

Lab File: VU037468.D

Acq: 30 Mar 2020 17:29

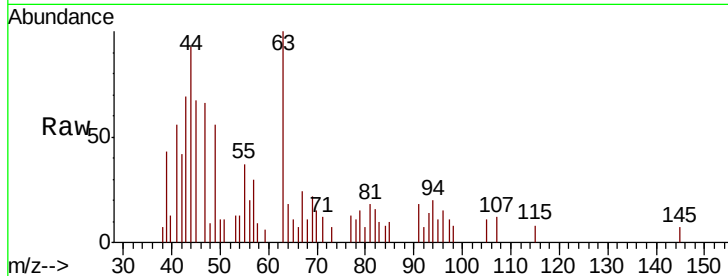
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 94 Resp: 567

Ion Ratio Lower Upper

94 100

96 73.6 66.8 124.2



Abundance Ion 94.00 (93.70 to 94.70): VU037468.D (-157) (-)

Ion 96.00 (95.70 to 96.70): VU037468.D (-157) (-)

1.84

300

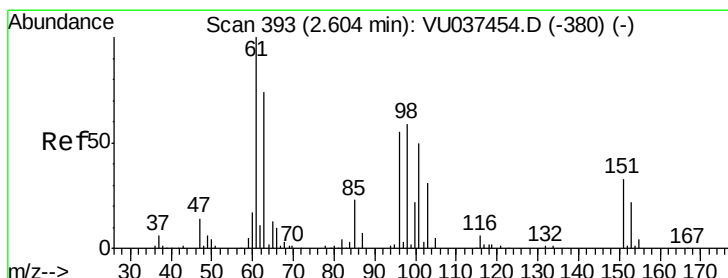
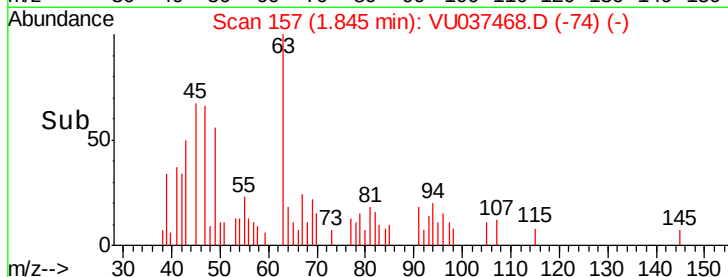
200

100

0

Time-->

1.80 1.85 1.90



#12

1,1-Dichloroethene

Concen: 0.069 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.02 min

Lab File: VU037468.D

Acq: 30 Mar 2020 17:29

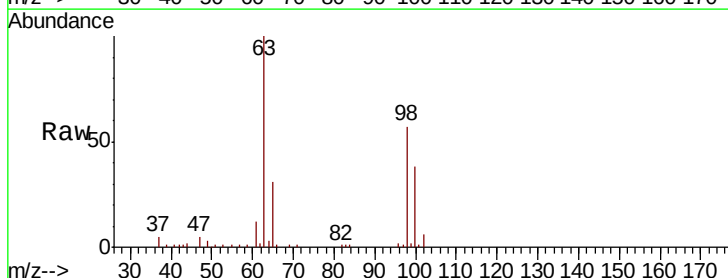
Tgt Ion: 96 Resp: 482

Ion Ratio Lower Upper

96 100

61 781.3 125.4 232.8#

63 6467.5 90.9 168.7#



Abundance Ion 96.00 (95.70 to 96.70): VU037468.D (-380) (-)

Ion 61.05 (60.75 to 61.75): VU037468.D (-380) (-)

Ion 63.00 (62.70 to 63.70): VU037468.D (-380) (-)

30000

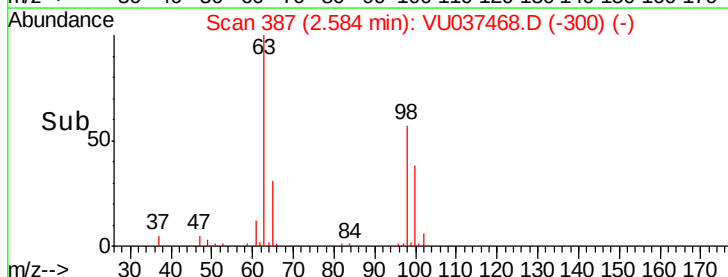
20000

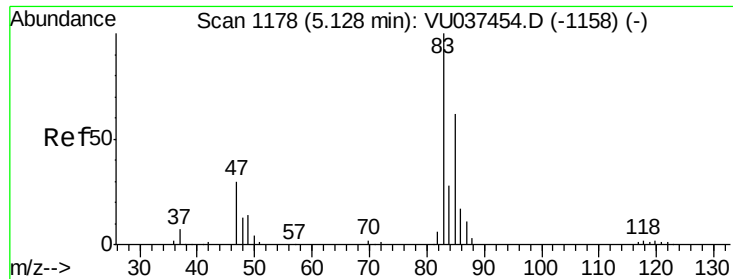
10000

0

Time-->

2.54 2.56 2.58 2.60

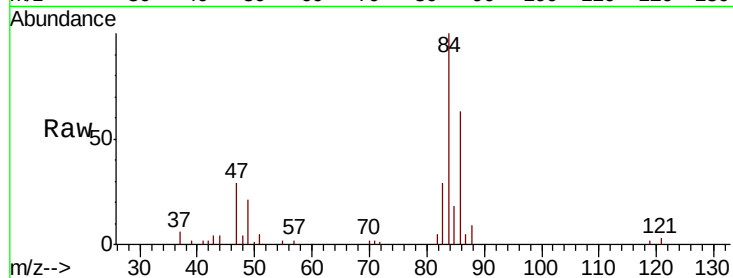




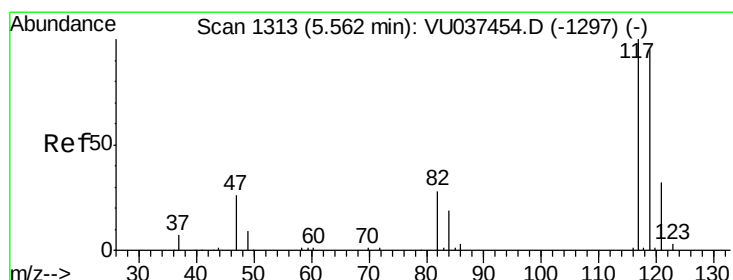
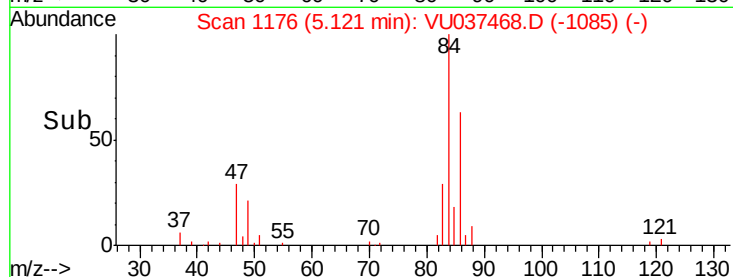
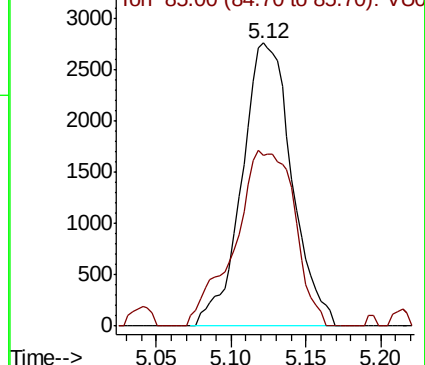
#25
Chloroform
Concen: 0.448 ug/L
RT: 5.12 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VU037468.D
Acq: 30 Mar 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 6423
Ion Ratio Lower Upper
83 100
85 60.5 45.4 84.4

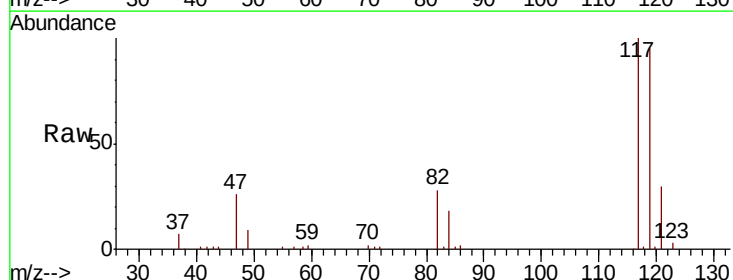


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

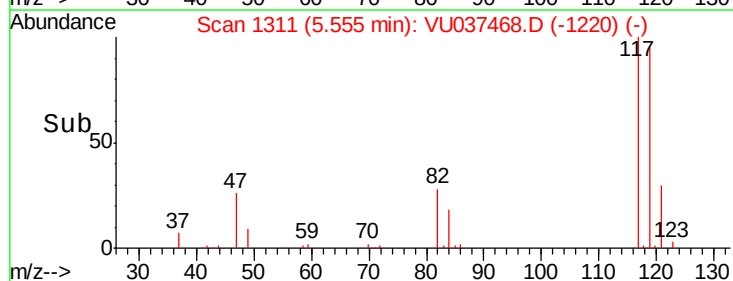
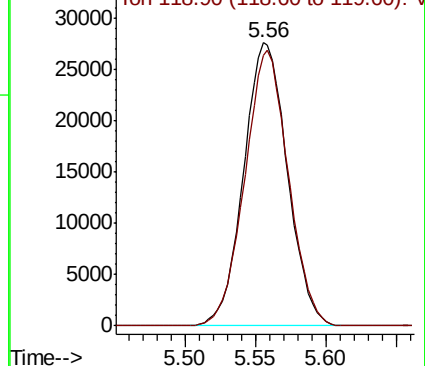


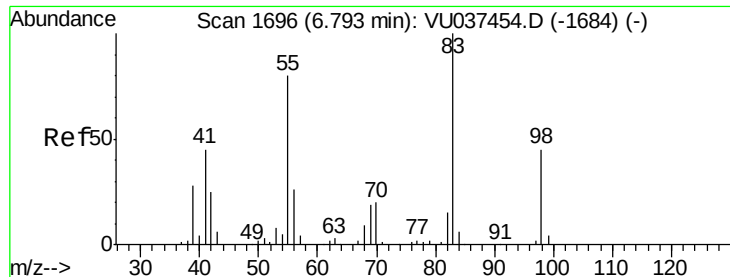
#31
Carbon tetrachloride
Concen: 5.203 ug/L
RT: 5.56 min Scan# 1311
Delta R.T. -0.01 min
Lab File: VU037468.D
Acq: 30 Mar 2020 17:29

Tgt Ion: 117 Resp: 59690
Ion Ratio Lower Upper
117 100
119 96.9 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

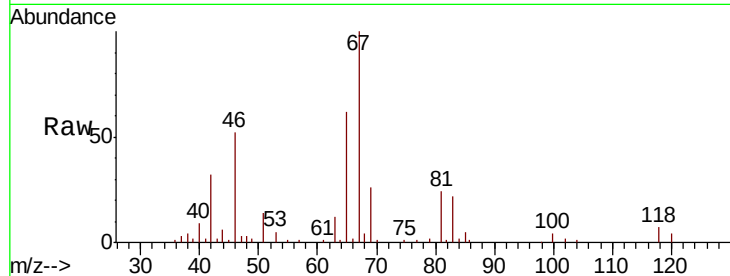




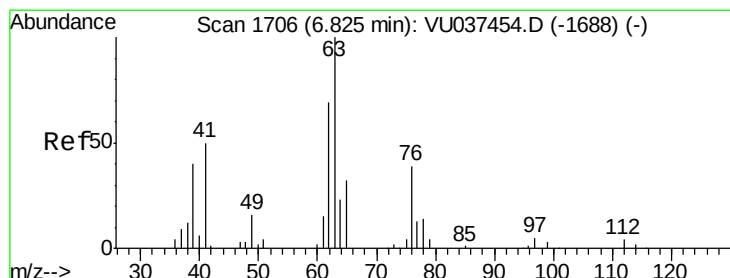
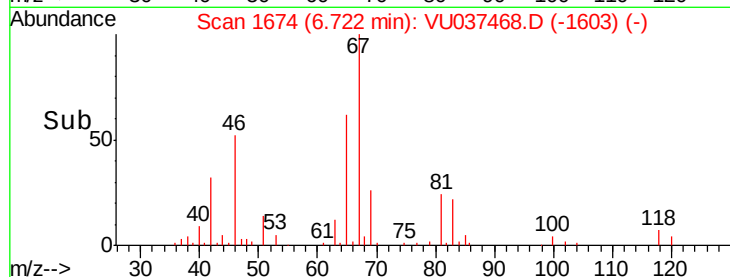
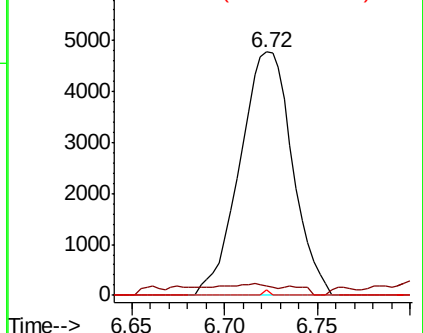
#35
Methylvlcyclohexane
Concen: 0.669 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037468.D
Acq: 30 Mar 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 9433
Ion Ratio Lower Upper
83 100
55 3.5 64.2 96.4#
98 0.2 36.3 54.5#

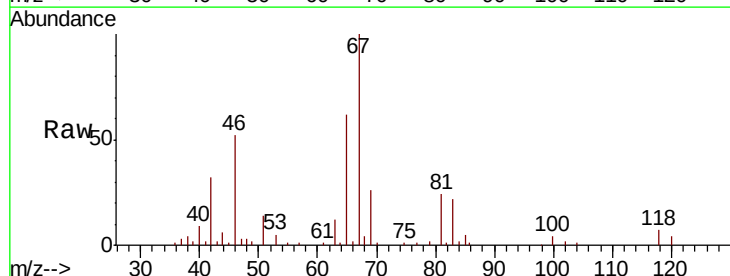


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

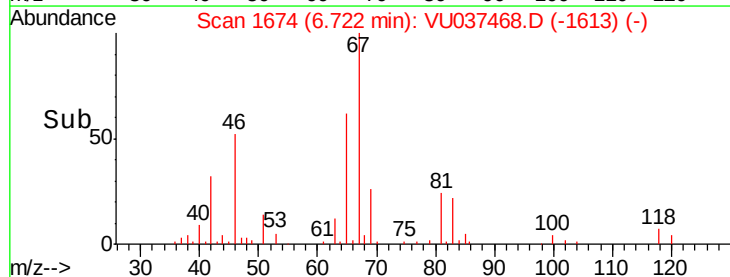
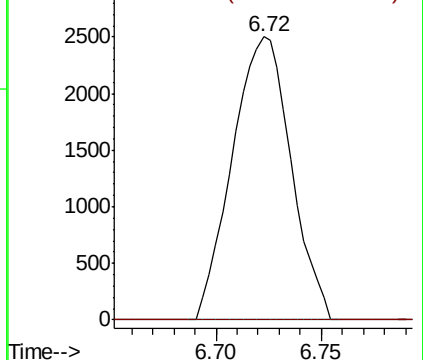


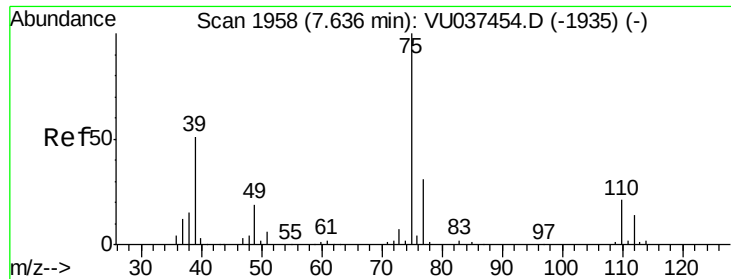
#37
1,2-Dichloropropane
Concen: 0.597 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037468.D
Acq: 30 Mar 2020 17:29

Tgt Ion: 63 Resp: 4830
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

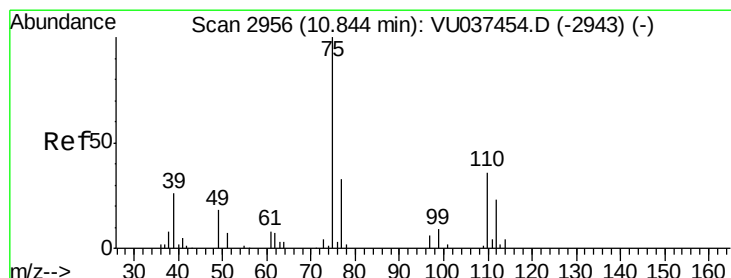
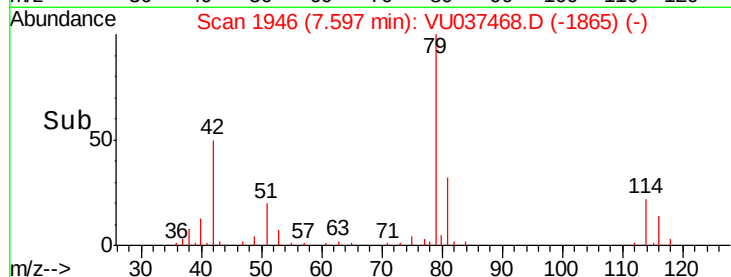
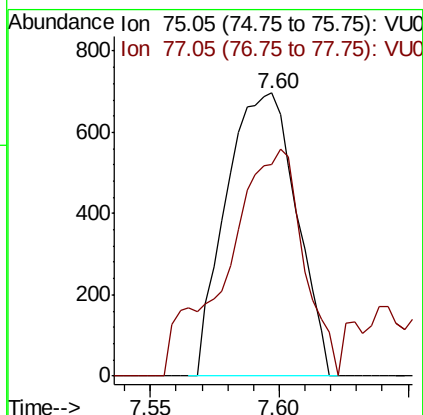
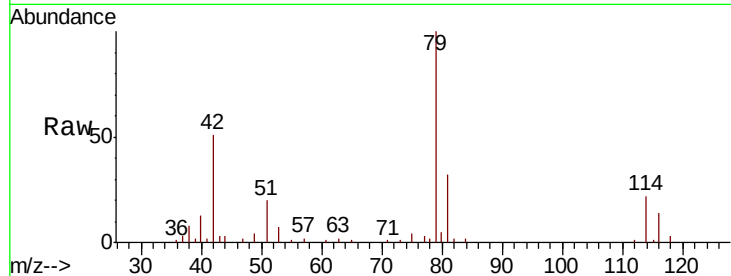




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU037468.D
 Acq: 30 Mar 2020 17:29

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 1321
 Ion Ratio Lower Upper
 75 100
 77 74.6 21.1 39.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.389 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037468.D
 Acq: 30 Mar 2020 17:29

Tgt Ion: 75 Resp: 7820
 Ion Ratio Lower Upper
 75 100
 77 41.3 27.4 41.2#

