

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037448.D
 Acq On : 29 Mar 2020 04:57
 Operator : JC/MD
 Sample : L2001-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 03:16:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 03:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	103657	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	96399	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48327	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35098	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.93	69	29286	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.59	63	53320	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.66	46	110539	53.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.00%
24) Chloroform-d	5.11	84	69339	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.74	65	41436	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.76	84	138400	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.72	67	46313	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.92	98	128516	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.20	79	19964	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.65	63	93010	53.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	38088	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	46559	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

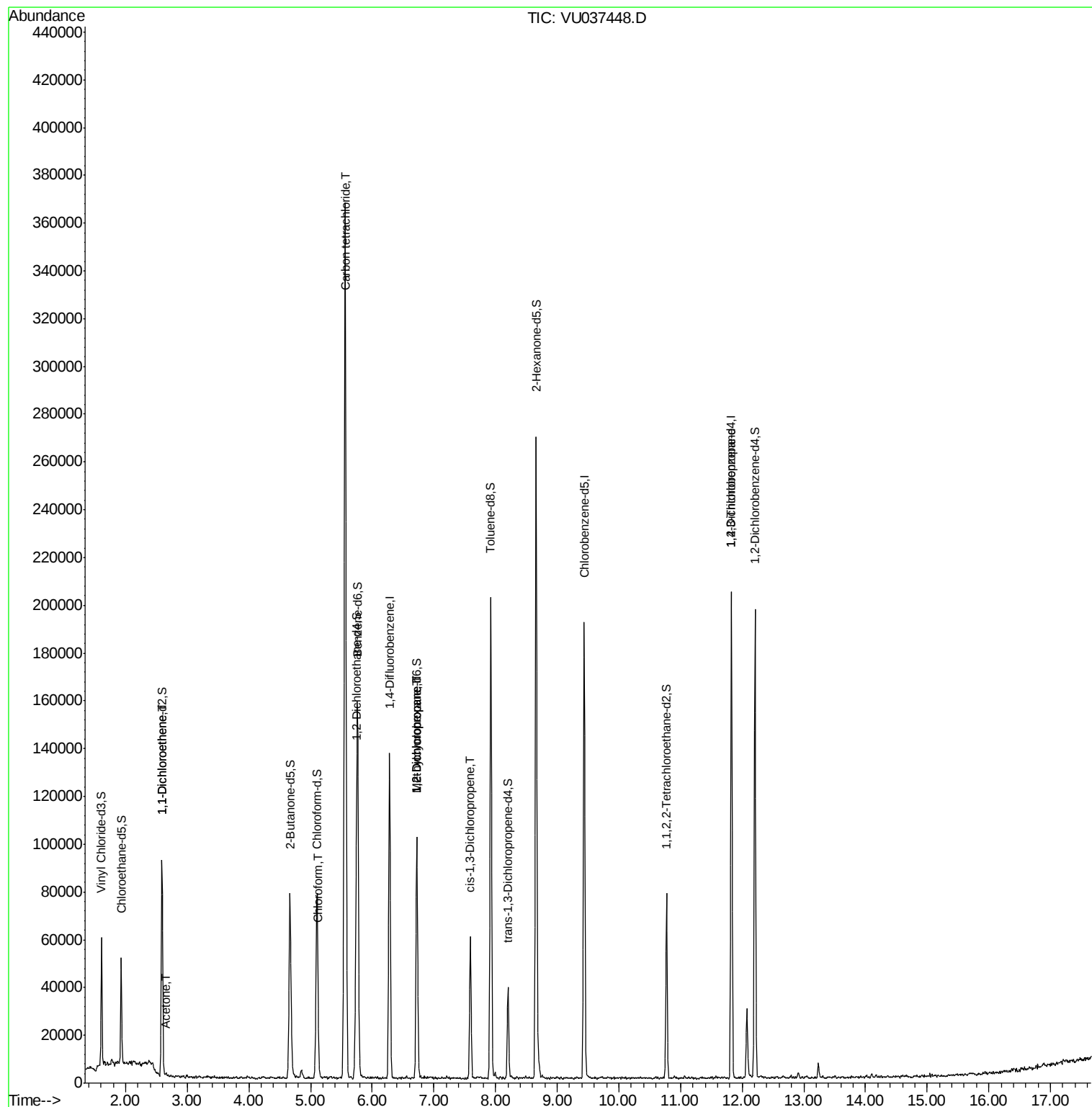
					Ovalue
12) 1,1-Dichloroethene	2.60	96	547	0.080 ug/L #	1
13) Acetone	2.66	43	1209	1.009 ug/L	78
25) Chloroform	5.13	83	3936	0.281 ug/L	99
31) Carbon tetrachloride	5.56	117	243256	23.252 ug/L	98
35) Methylcyclohexane	6.72	83	11151	0.867 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	5066	0.686 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1558	0.129 ug/L #	57
59) 1,2,3-Trichloropropane	11.83	75	6291	1.226 ug/L	88

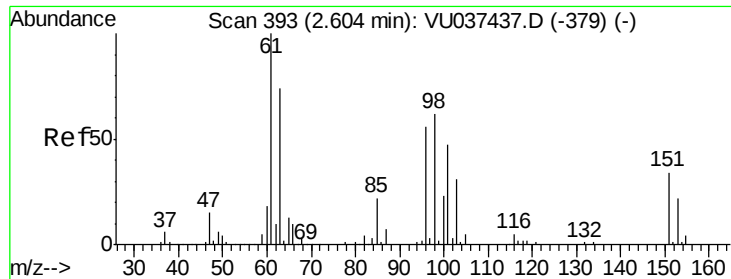
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Mar 30 03:07:55 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU037448.D

Acq: 29 Mar 2020 04:57

Instrument :
MSVOA_U
ClientSampleId :

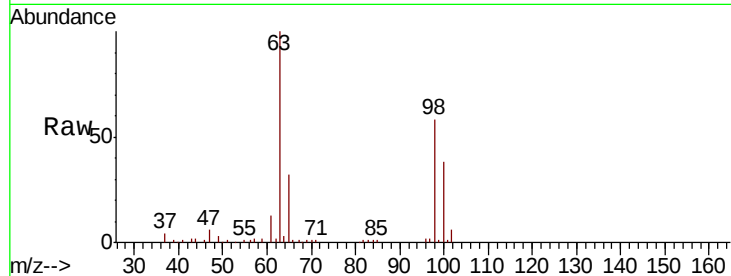
Tot Ion: 96 Resp: 547

Ion Ratio Lower Upper

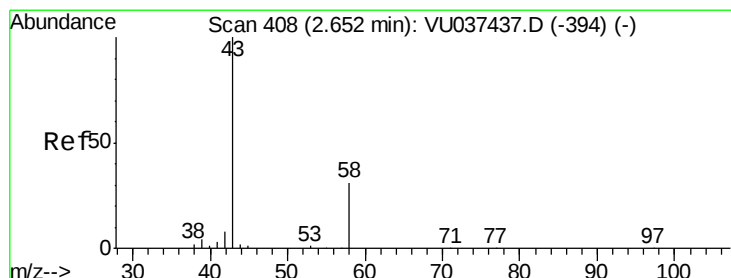
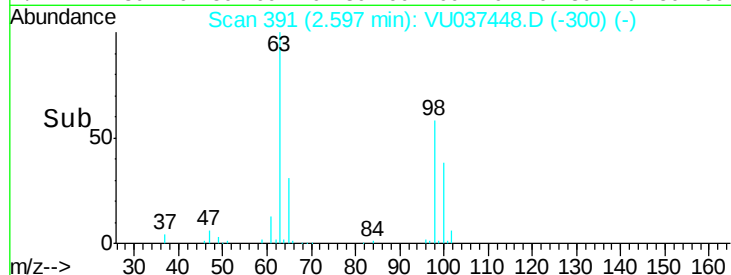
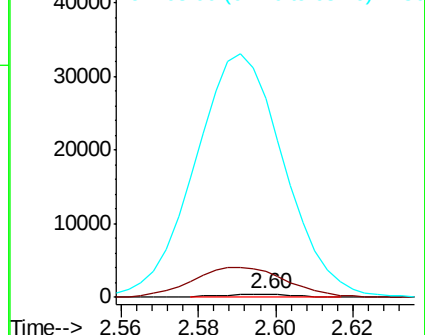
96 100

61 744.2 125.4 232.8#

63 5729.1 90.9 168.7#



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



#13

Acetone

Concen: 1.009 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037448.D

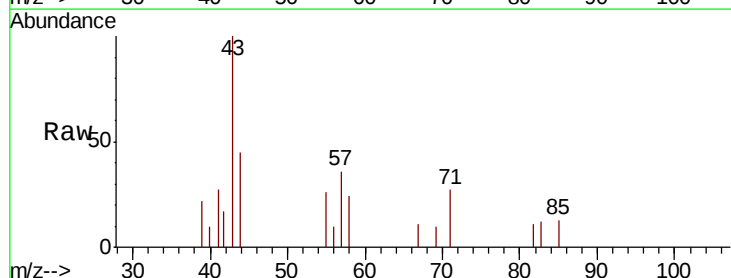
Acq: 29 Mar 2020 04:57

Tgt Ion: 43 Resp: 1209

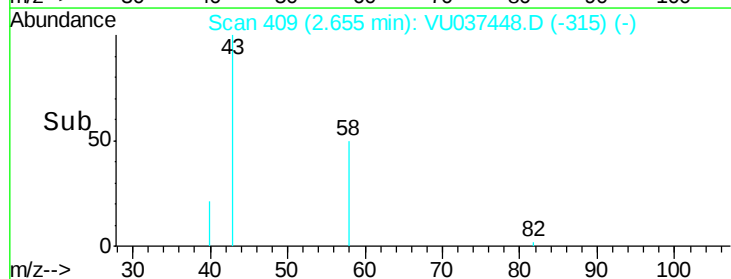
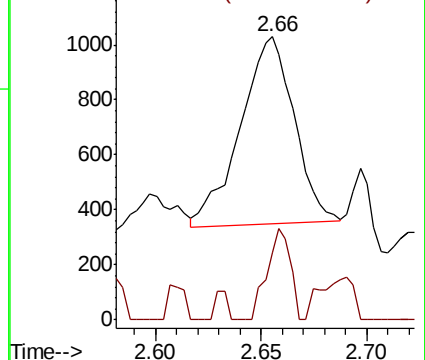
Ion Ratio Lower Upper

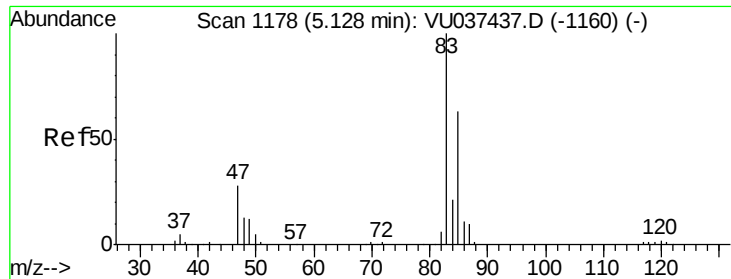
43 100

58 20.8 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0

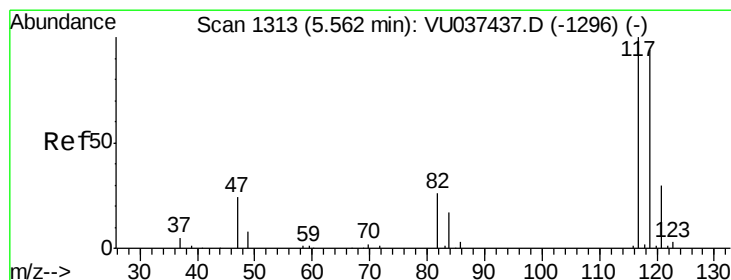
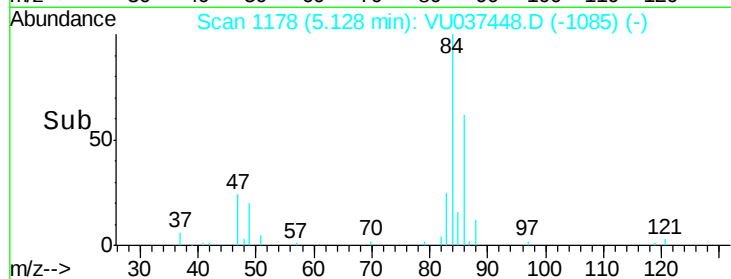
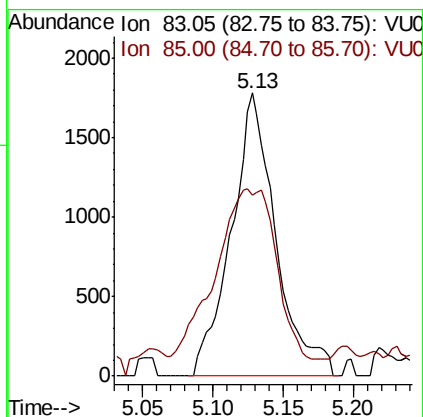
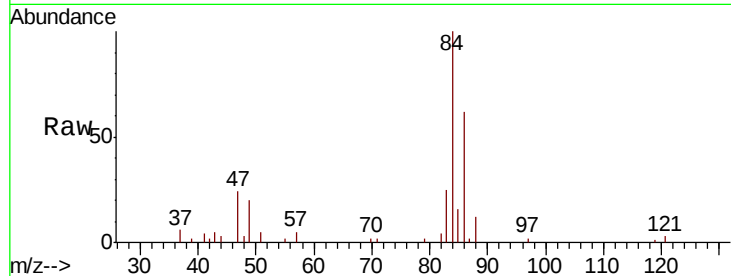




#25
Chloroform
Concen: 0.281 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037448.D
Acq: 29 Mar 2020 04:57

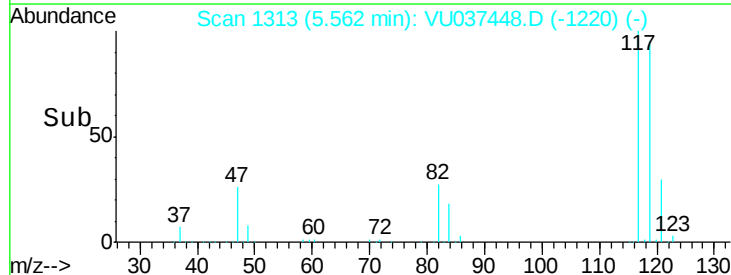
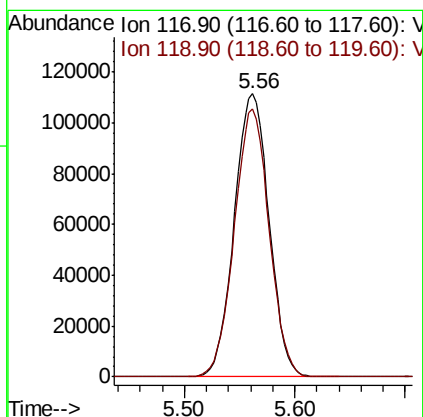
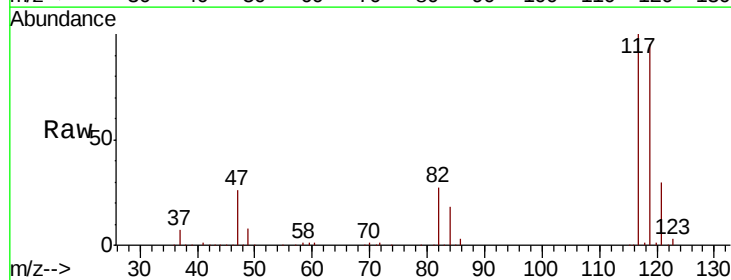
Instrument :
MSVOA_U
ClientSampleId :

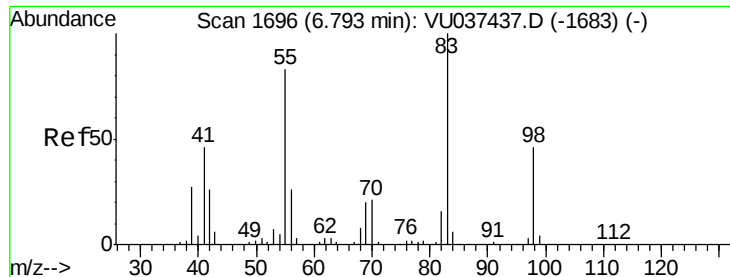
Tot Ion: 83 Resp: 3936
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.4



#31
Carbon tetrachloride
Concen: 23.252 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037448.D
Acq: 29 Mar 2020 04:57

Tgt Ion: 117 Resp: 243256
Ion Ratio Lower Upper
117 100
119 94.7 77.7 116.5

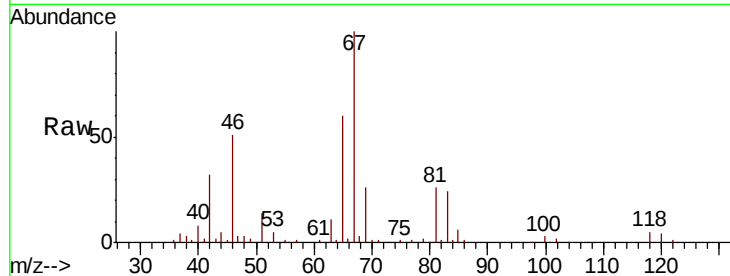




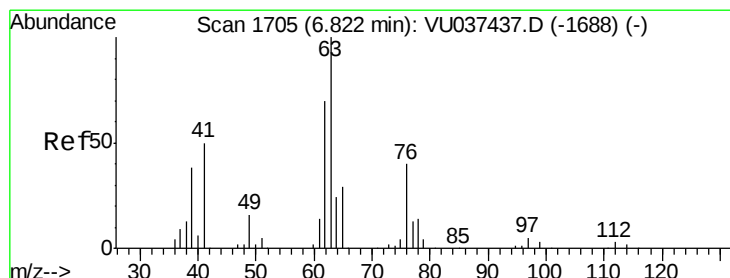
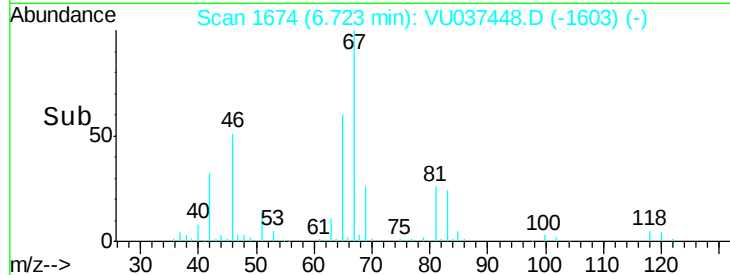
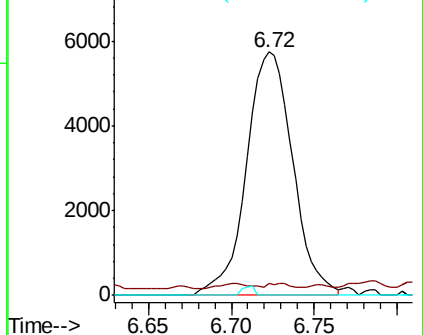
#35
Methvlcvclohexane
Concen: 0.867 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037448.D
Acq: 29 Mar 2020 04:57

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 11151
Ion Ratio Lower Upper
83 100
55 0.7 64.2 96.4#
98 1.0 36.3 54.5#

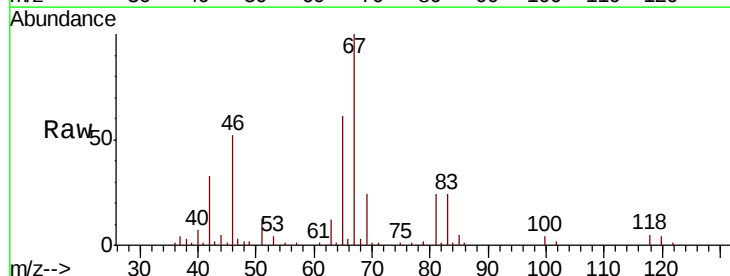


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

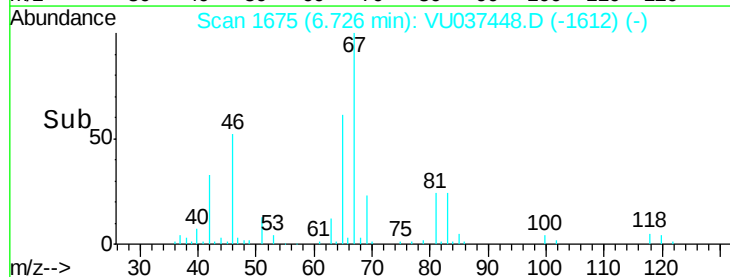
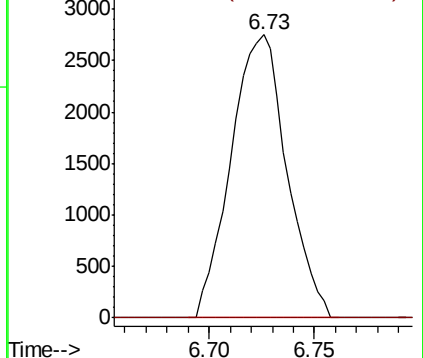


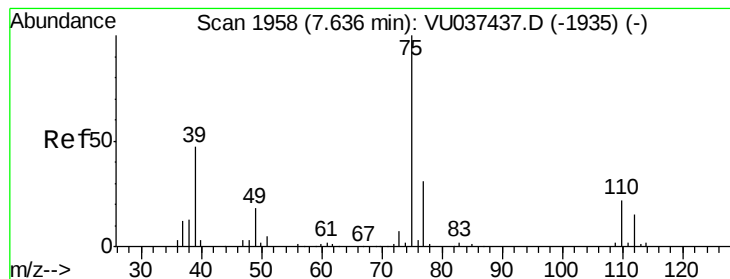
#37
1,2-Dichloropropane
Concen: 0.686 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037448.D
Acq: 29 Mar 2020 04:57

Tgt Ion: 63 Resp: 5066
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



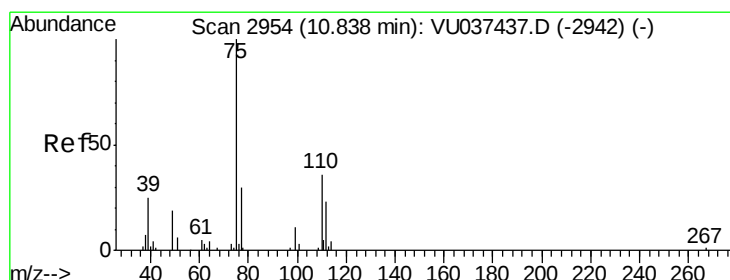
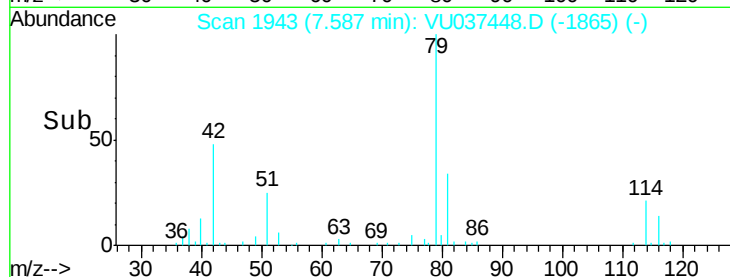
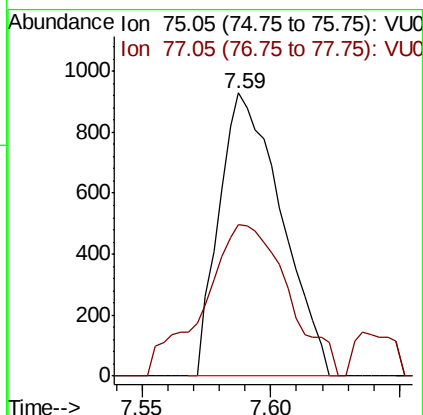
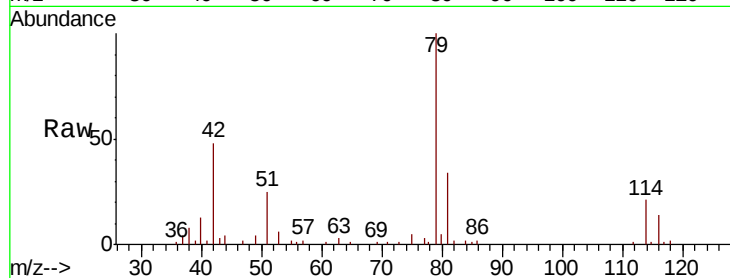


#39

cis-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.05 min
Lab File: VU037448.D
Acq: 29 Mar 2020 04:57

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 1558
Ion Ratio Lower Upper
75 100
77 53.3 21.1 39.3#



#59

1,2,3-Trichloropropane
Concen: 1.226 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.99 min
Lab File: VU037448.D
Acq: 29 Mar 2020 04:57

Tgt Ion: 75 Resp: 6291
Ion Ratio Lower Upper
75 100
77 41.0 27.4 41.2

