

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037476.D
 Acq On : 30 Mar 2020 22:41
 Operator : JC/MD
 Sample : L2002-02RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 04:04:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 04:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	101027	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	95063	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	46464	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29629	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.93	69	27754	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.59	63	46866	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.67	46	104839	51.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.16%
24) Chloroform-d	5.10	84	63363	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.74	65	36677	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.76	84	125797	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.72	67	42727	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.92	98	113364	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.20	79	18072	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.66	63	85237	50.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	34489	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	40866	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

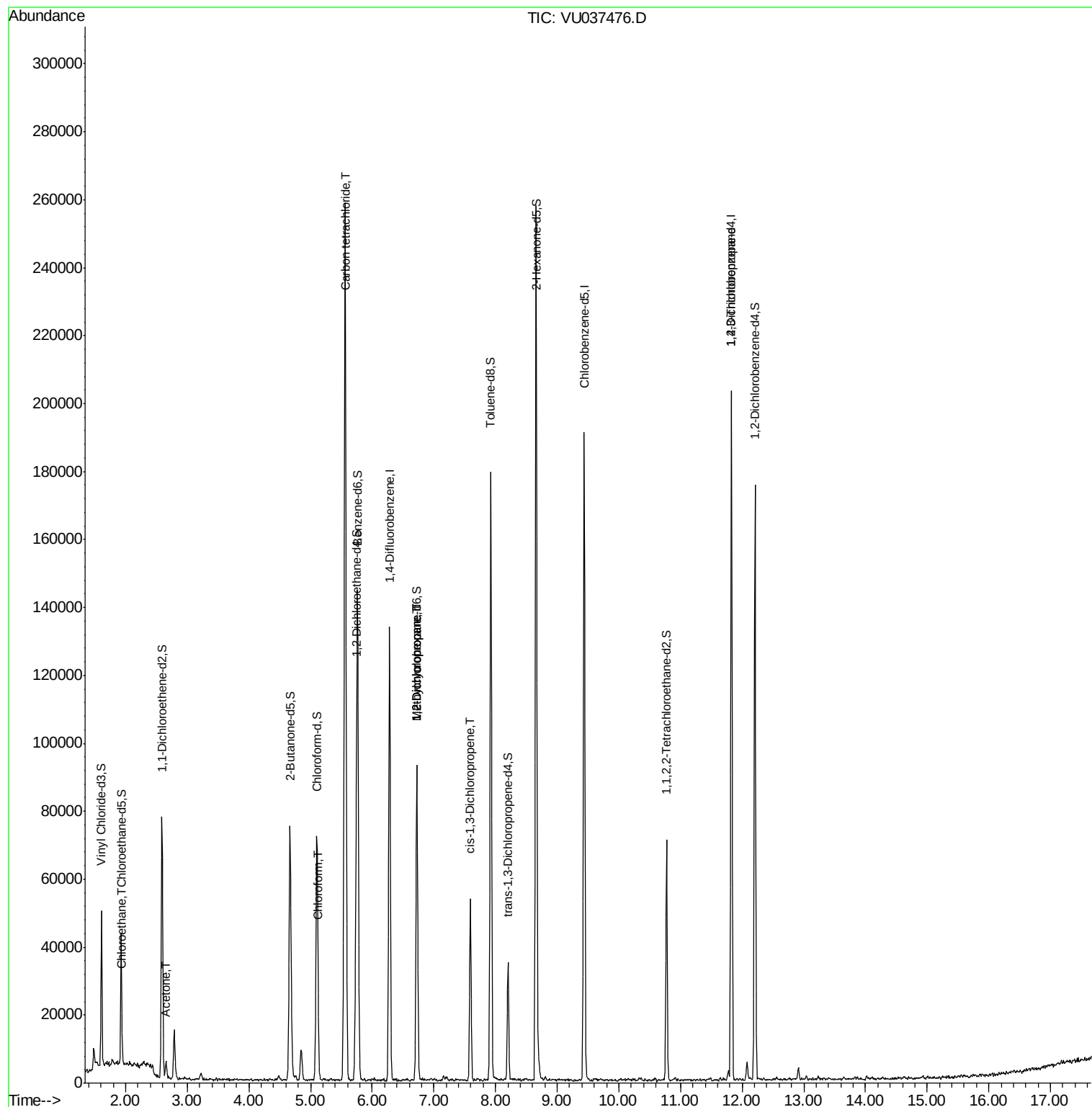
					Ovalue
8) Chloroethane	1.95	64	339	0.077 ug/L #	39
13) Acetone	2.66	43	5850	5.009 ug/L	96
25) Chloroform	5.13	83	2262	0.166 ug/L	98
31) Carbon tetrachloride	5.56	117	168725	16.355 ug/L	99
35) Methylcyclohexane	6.72	83	9767	0.770 ug/L #	20
37) 1,2-Dichloropropane	6.72	63	5213	0.716 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1552	0.131 ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	7288	1.440 ug/L	94

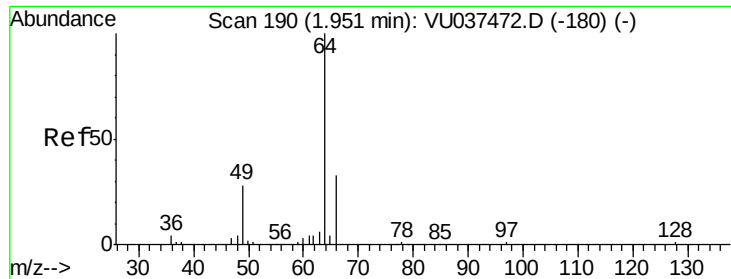
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 31 04:01:00 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.077 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU037476.D

Acq: 30 Mar 2020 22:41

Instrument :

MSVOA_U

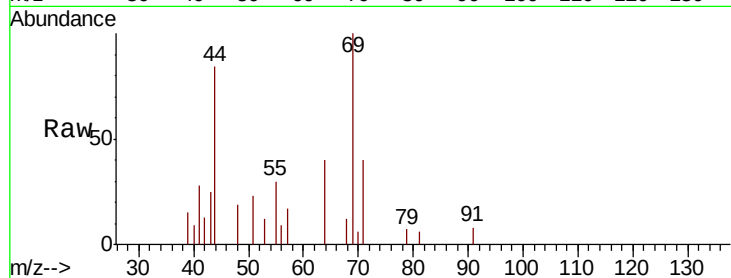
ClientSampleId :

Tot Ion: 64 Resp: 339

Ion Ratio Lower Upper

64 100

66 0.0 24.8 46.0#



Abundance Ion 64.10 (63.80 to 64.80): VU037476.D (-180) (-)

Ion 66.05 (65.75 to 66.75): VU037476.D (-180) (-)

1.95

600

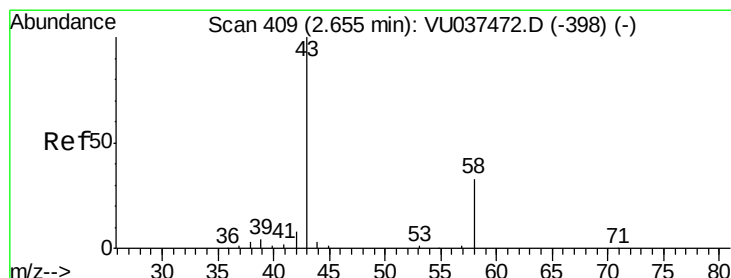
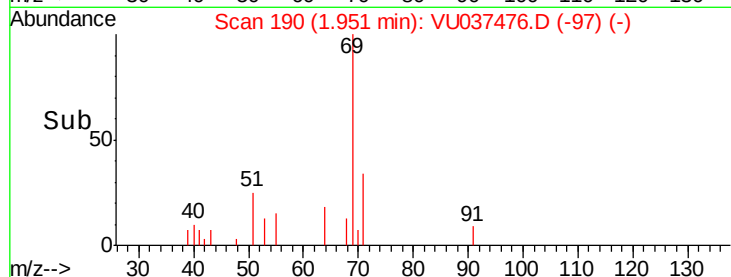
400

200

0

1.94 1.96 1.98

Time-->



#13

Acetone

Concen: 5.009 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU037476.D

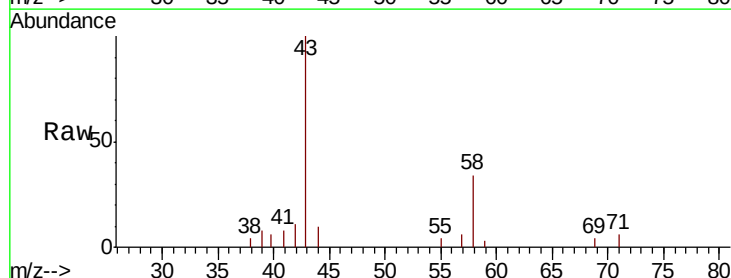
Acq: 30 Mar 2020 22:41

Tgt Ion: 43 Resp: 5850

Ion Ratio Lower Upper

43 100

58 30.7 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU037476.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU037476.D (-398) (-)

2.66

3000

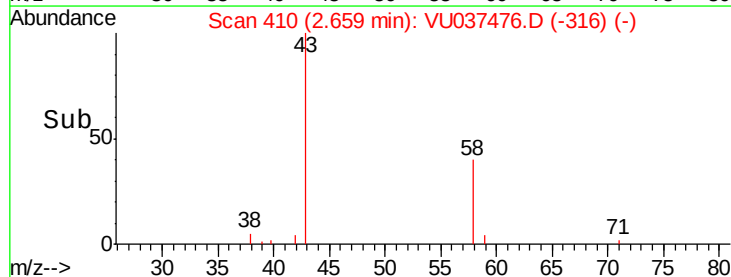
2000

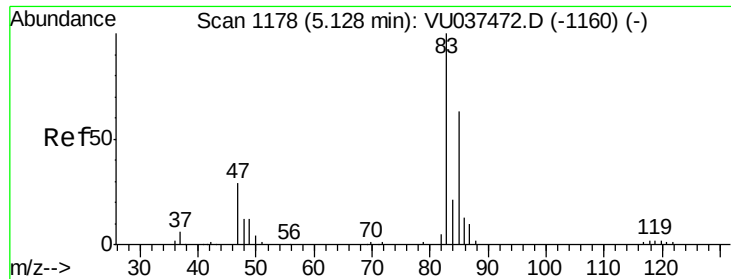
1000

0

2.60 2.65 2.70 2.75

Time-->

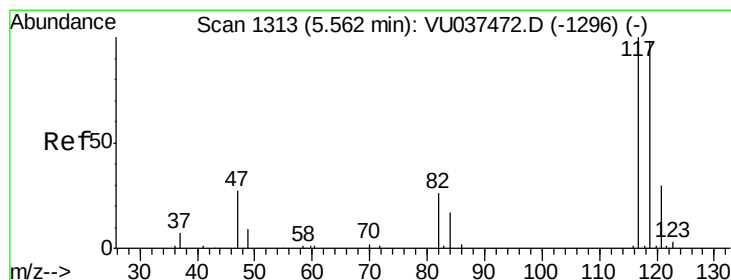
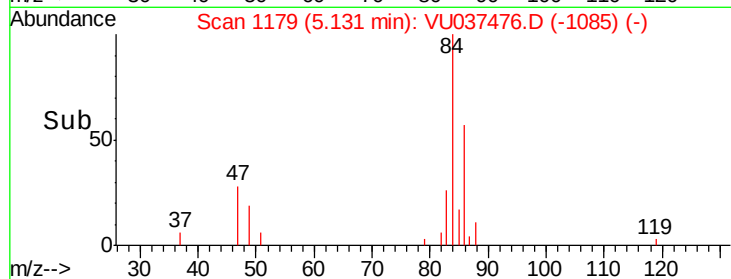
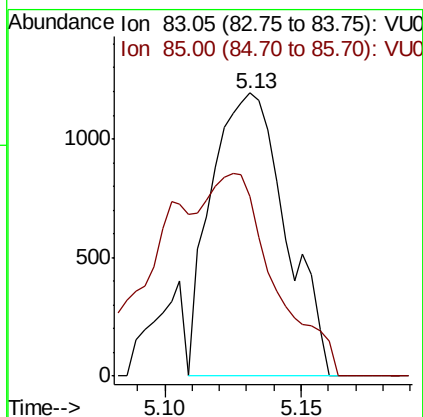
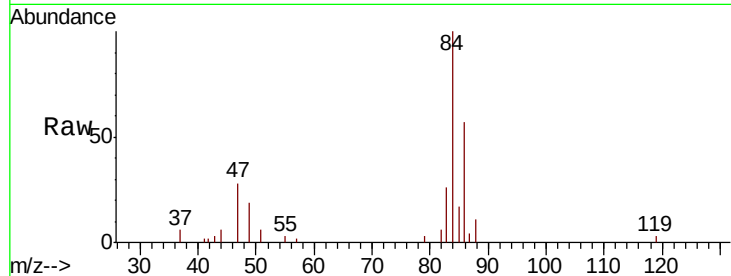




#25
Chloroform
Concen: 0.166 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037476.D
Acq: 30 Mar 2020 22:41

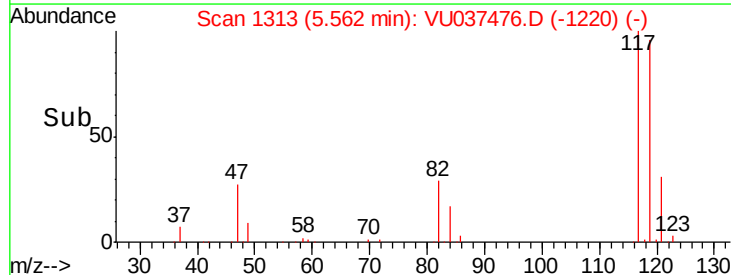
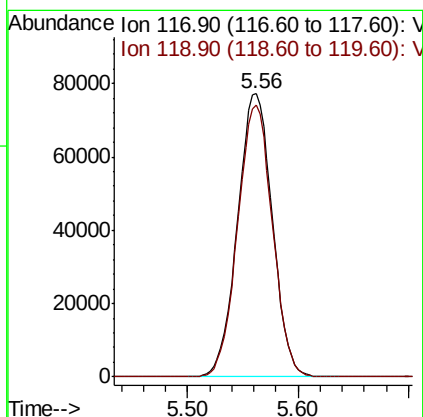
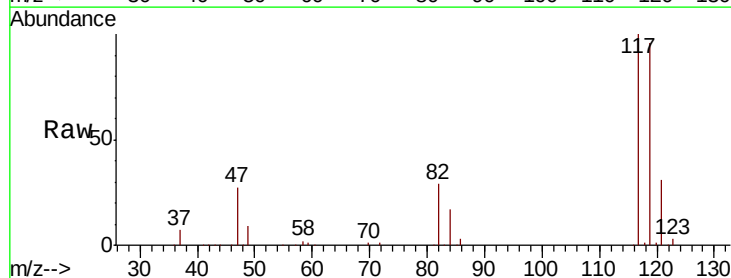
Instrument :
MSVOA_U
ClientSampleId :

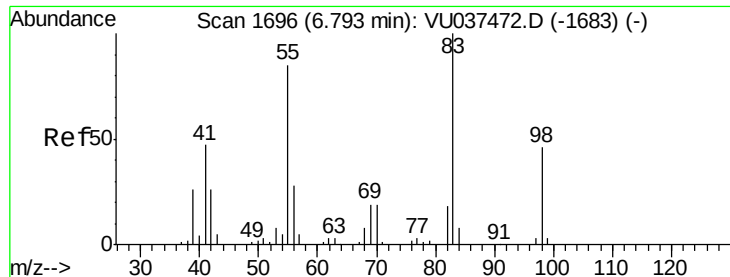
Tot Ion: 83 Resp: 2262
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.4



#31
Carbon tetrachloride
Concen: 16.355 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037476.D
Acq: 30 Mar 2020 22:41

Tgt Ion: 117 Resp: 168725
Ion Ratio Lower Upper
117 100
119 95.9 77.7 116.5

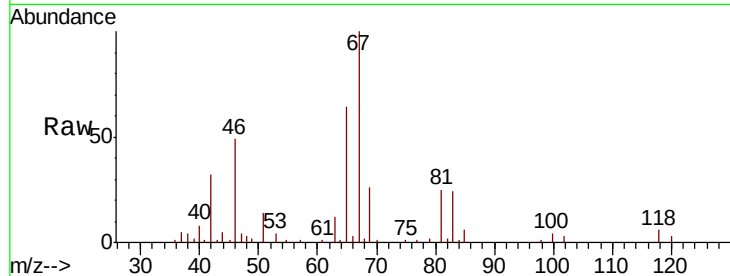




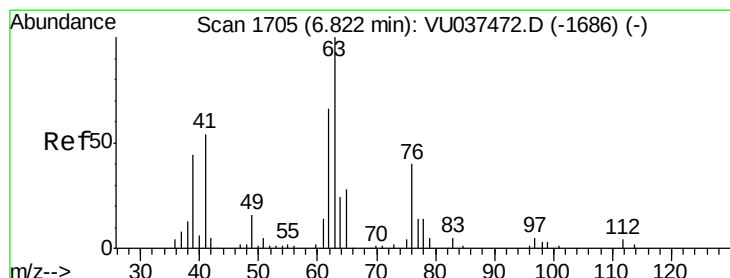
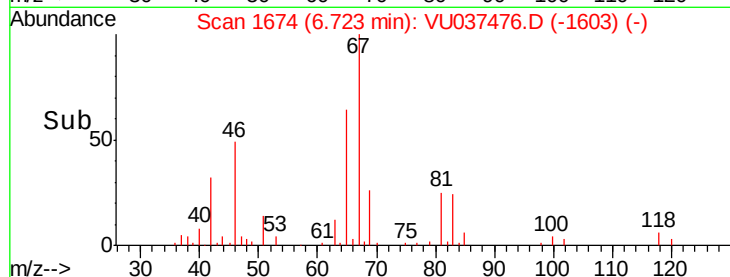
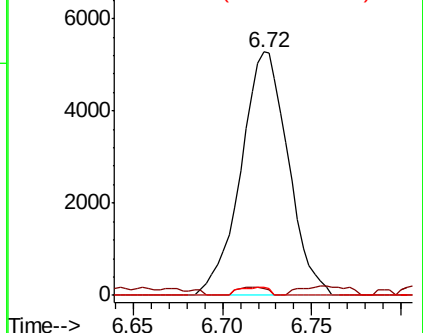
#35
Methylcyclohexane
Concen: 0.770 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037476.D
Acq: 30 Mar 2020 22:41

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 9767
Ion Ratio Lower Upper
83 100
55 2.2 64.2 96.4#
98 2.1 36.3 54.5#

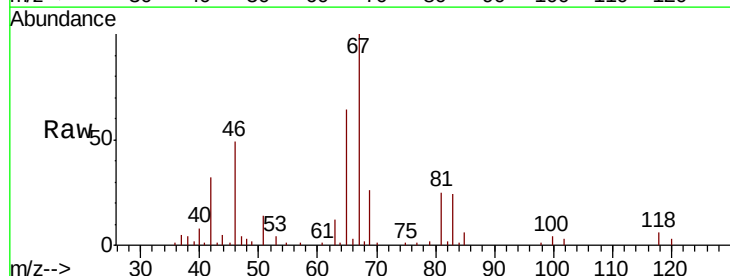


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

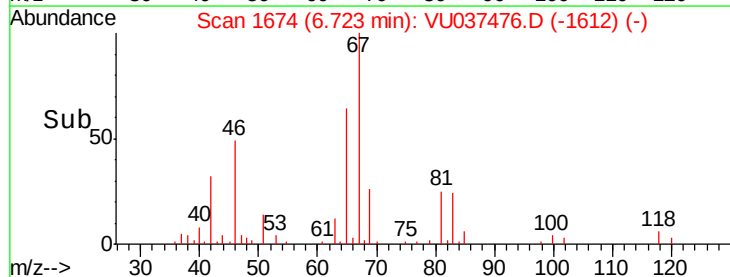
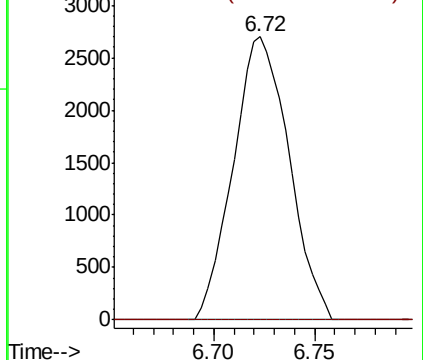


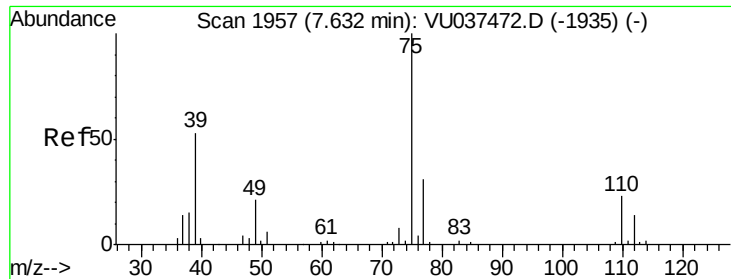
#37
1,2-Dichloropropane
Concen: 0.716 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037476.D
Acq: 30 Mar 2020 22:41

Tgt Ion: 63 Resp: 5213
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

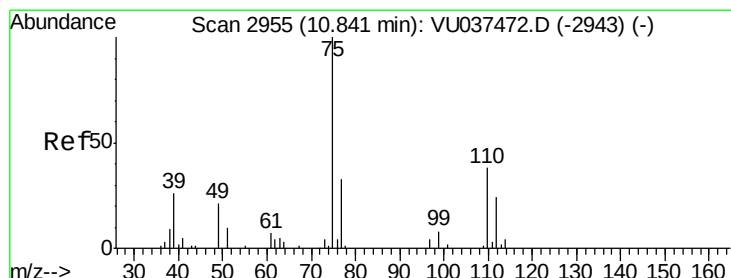
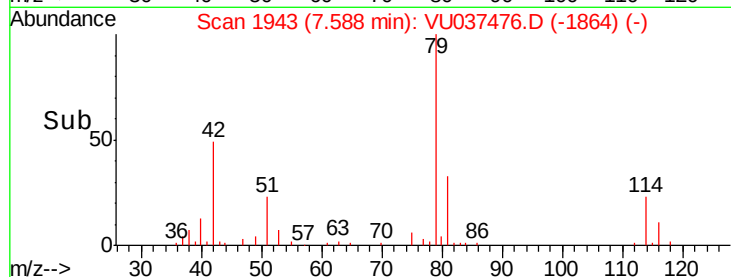
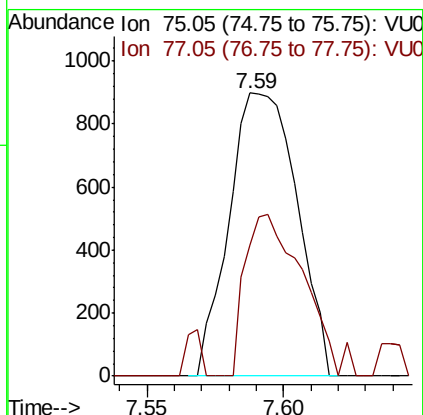
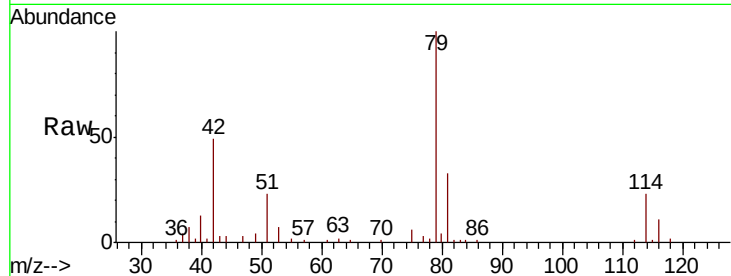




#39
 cis-1,3-Dichloropropene
 Concen: 0.131 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU037476.D
 Acq: 30 Mar 2020 22:41

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 1552
 Ion Ratio Lower Upper
 75 100
 77 46.1 21.1 39.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.440 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037476.D
 Acq: 30 Mar 2020 22:41

Tgt Ion: 75 Resp: 7288
 Ion Ratio Lower Upper
 75 100
 77 38.0 27.4 41.2

