

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031320\
 Data File : VU037250.D
 Acq On : 13 Mar 2020 18:36
 Operator : JC/MD
 Sample : L1900-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 14 00:27:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 14 00:24:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	120875	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	120758	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	52847	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36999	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.93	69	31250	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.59	63	53938	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.67	46	97992	48.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.52%
24) Chloroform-d	5.11	84	72393	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.74	65	45984	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.76	84	140123	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.73	67	44218	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.93	98	129241	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.20	79	17743	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.66	63	75736	46.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.88%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	34421	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	47339	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

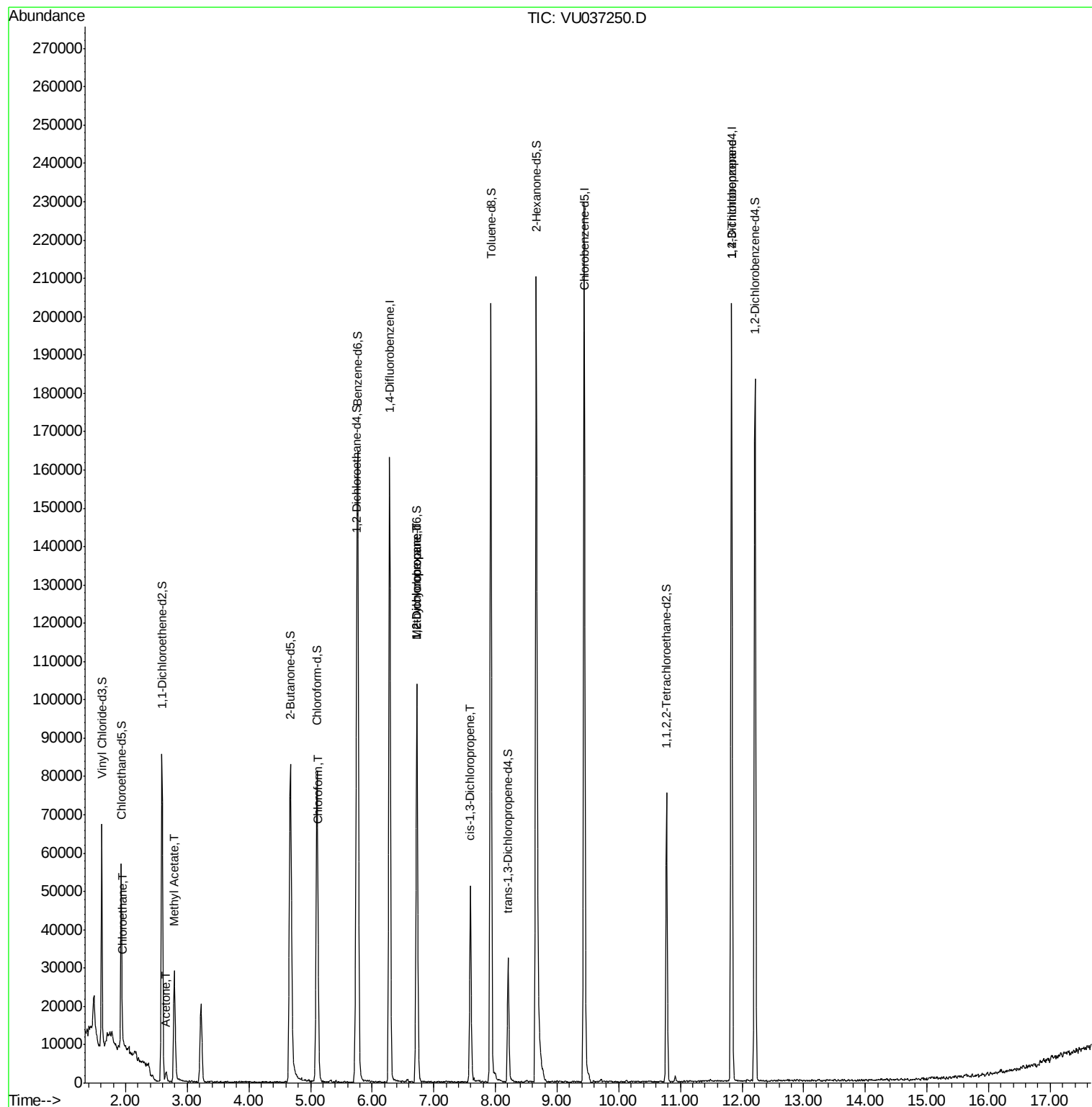
					Ovalue
8) Chloroethane	1.95	64	1011	0.166 ug/L #	51
13) Acetone	2.66	43	3121	1.876 ug/L	100
15) Methyl Acetate	2.79	43	8578	2.203 ug/L #	55
25) Chloroform	5.13	83	3195	0.173 ug/L	95
35) Methylcyclohexane	6.73	83	10807	0.725 ug/L #	15
37) 1,2-Dichloropropane	6.73	63	5450	0.580 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1530	0.113 ug/L #	57
59) 1,2,3-Trichloropropane	11.83	75	7088	1.054 ug/L	96

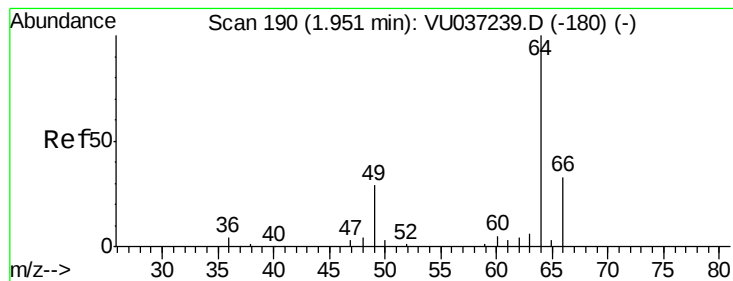
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 14 00:24:25 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.166 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU037250.D

Acq: 13 Mar 2020 18:36

Instrument :

MSVOA_U

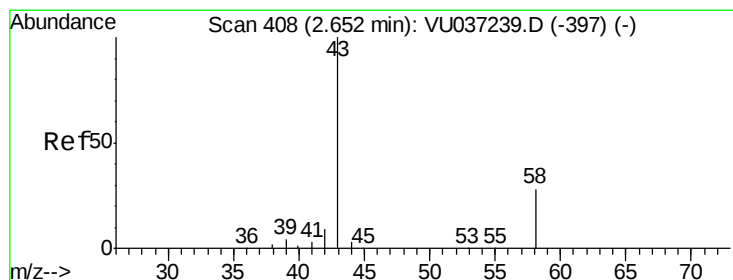
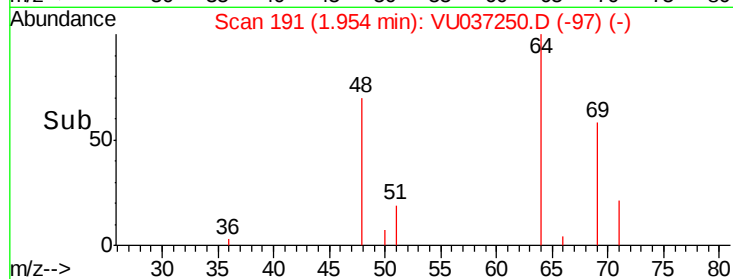
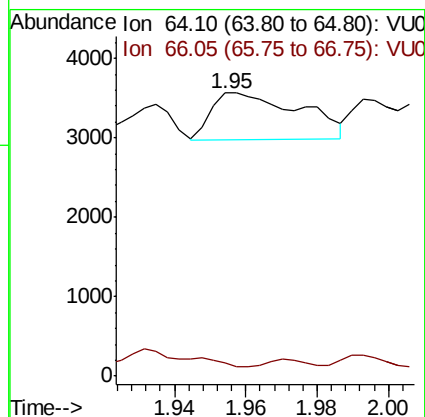
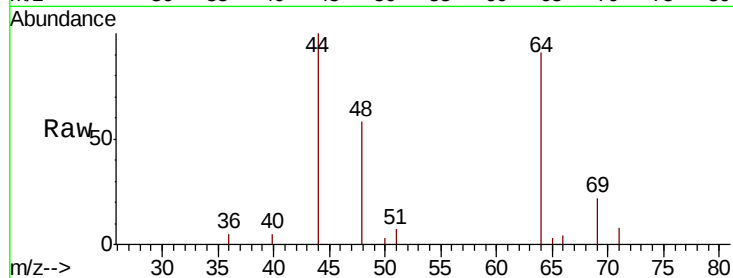
ClientSampled :

Tot Ion: 64 Resp: 1011

Ion Ratio Lower Upper

64 100

66 4.5 22.0 40.8#



#13

Acetone

Concen: 1.876 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037250.D

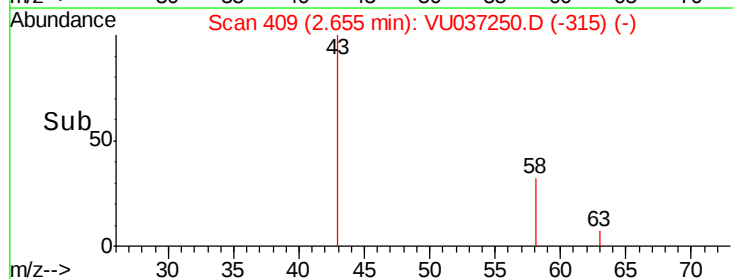
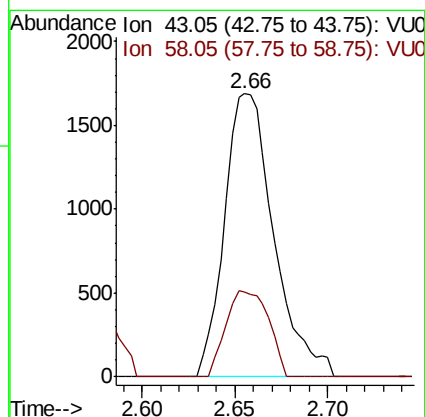
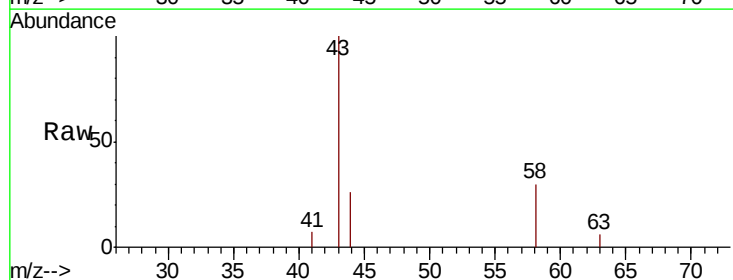
Acq: 13 Mar 2020 18:36

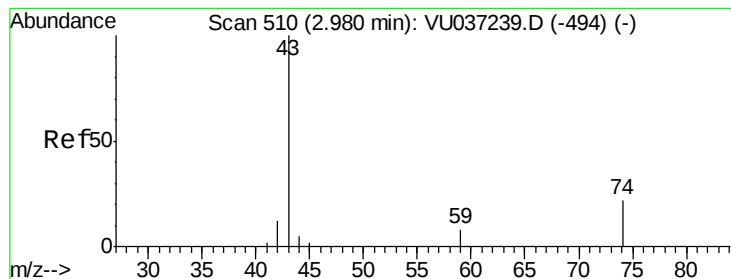
Tgt Ion: 43 Resp: 3121

Ion Ratio Lower Upper

43 100

58 26.2 0.0 52.2





#15

Methvl Acetate

Concen: 2.203 ug/L

RT: 2.79 min Scan# 451

Delta R.T. -0.19 min

Lab File: VU037250.D

Acq: 13 Mar 2020 18:36

Instrument :

MSVOA_U

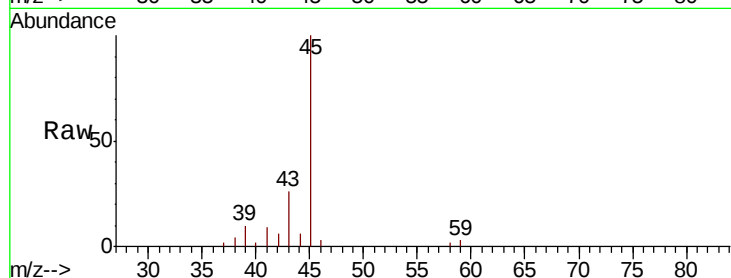
ClientSampleId :

Tot Ion: 43 Resp: 8578

Ion Ratio Lower Upper

43 100

74 0.0 17.1 25.7#



Abundance Ion 43.05 (42.75 to 43.75): VU037239.D (-494) (-)

Ion 74.05 (73.75 to 74.75): VU037239.D (-494) (-)

2.79

4000

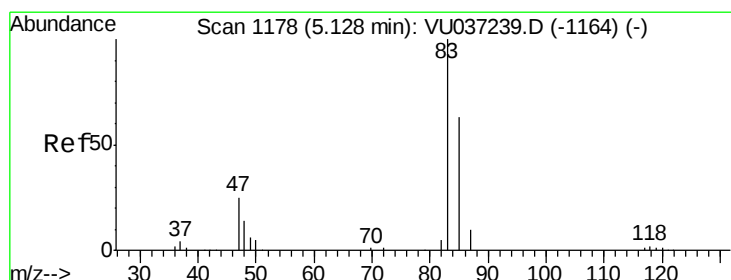
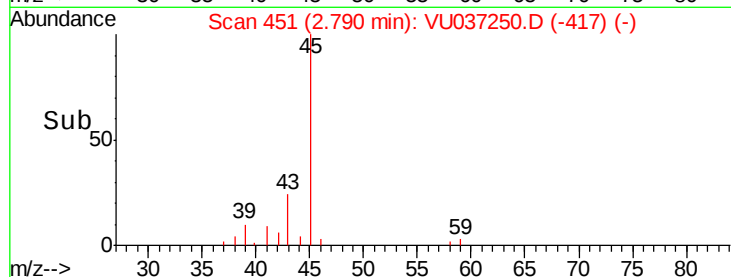
3000

2000

1000

0

Time-->



#25

Chloroform

Concen: 0.173 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037250.D

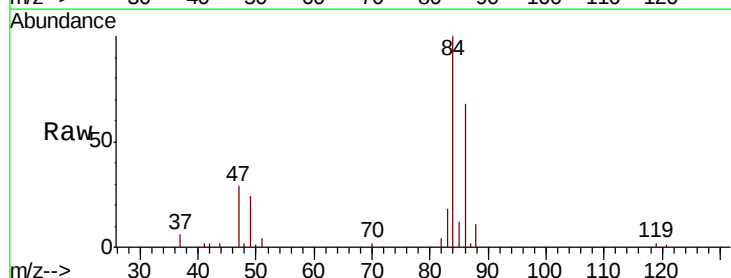
Acq: 13 Mar 2020 18:36

Tgt Ion: 83 Resp: 3195

Ion Ratio Lower Upper

83 100

85 68.4 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU037239.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU037239.D (-1164) (-)

5.13

2000

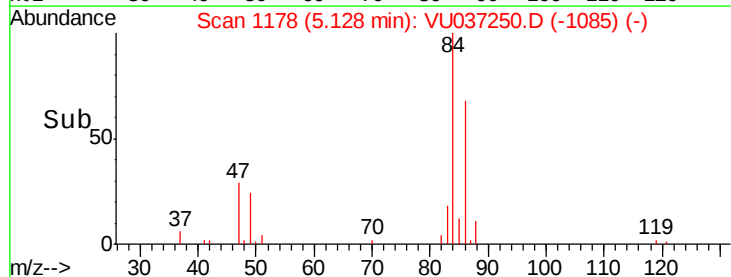
1500

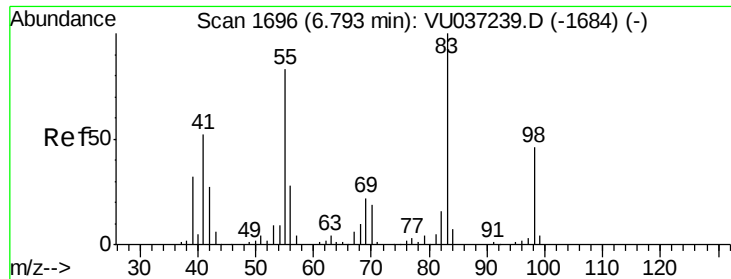
1000

500

0

Time-->

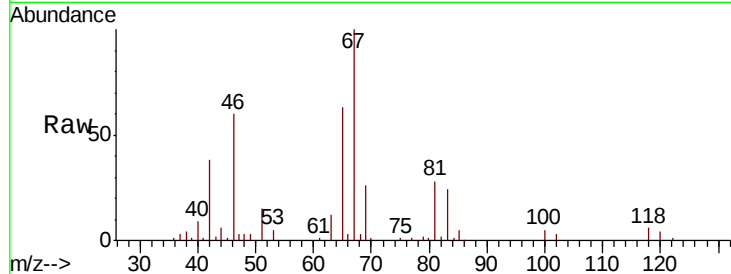




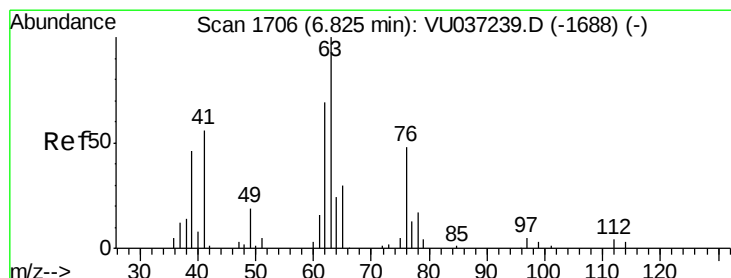
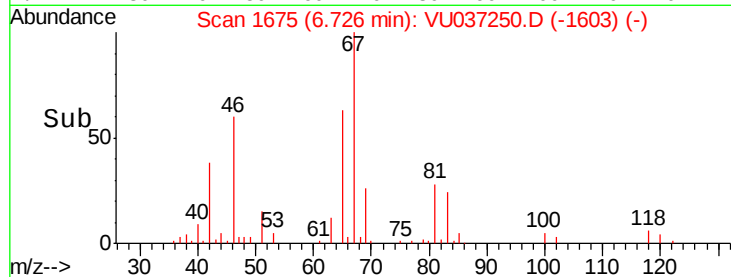
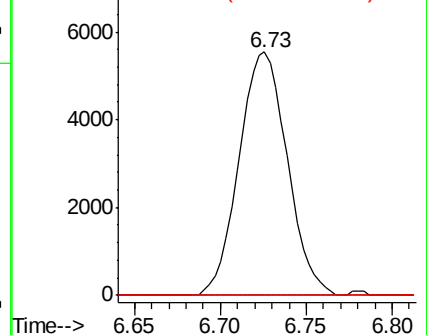
#35
Methvlcvclohexane
Concen: 0.725 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037250.D
Acq: 13 Mar 2020 18:36

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 10807
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 0.2 37.0 55.4#

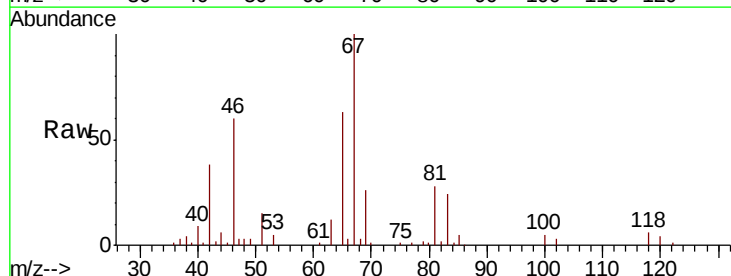


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

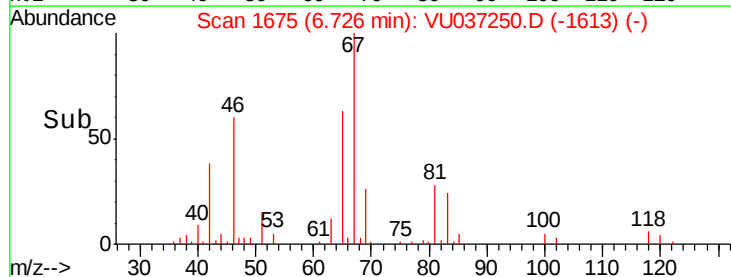
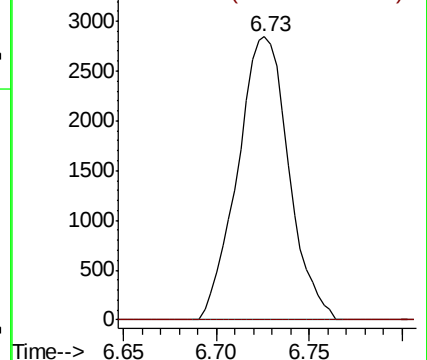


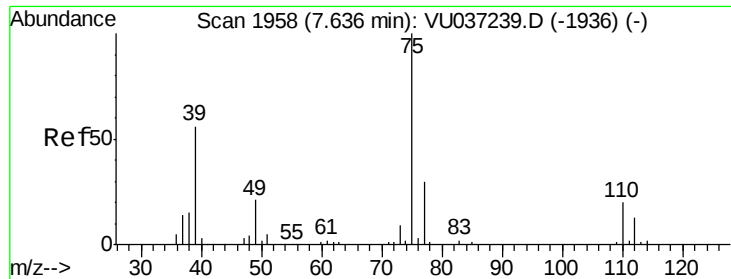
#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037250.D
Acq: 13 Mar 2020 18:36

Tgt Ion: 63 Resp: 5450
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

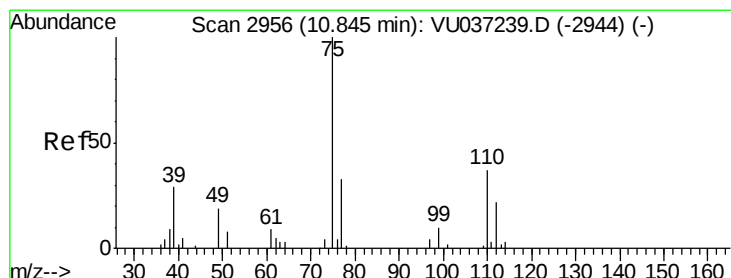
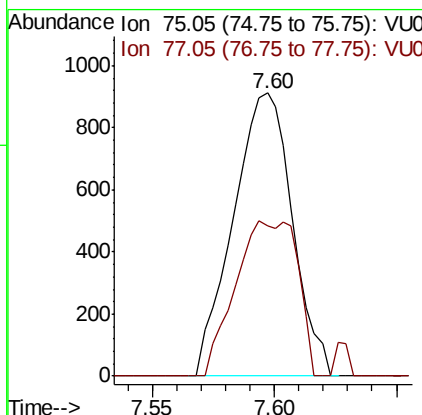
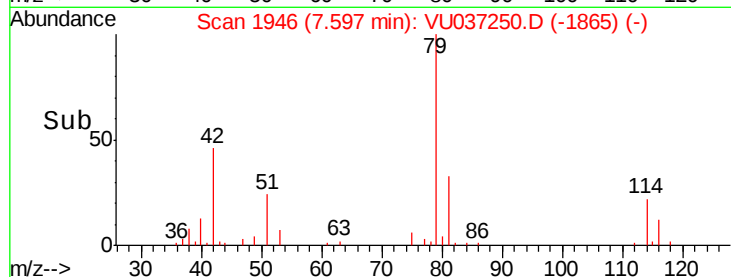
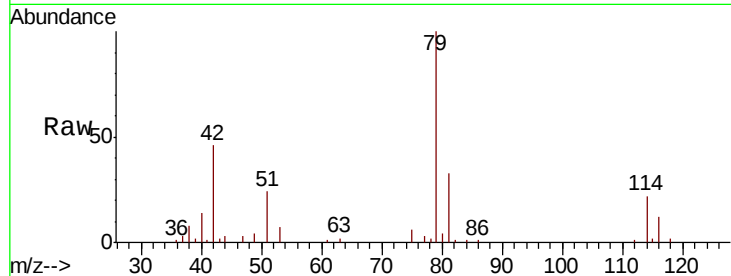




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU037250.D
 Acq: 13 Mar 2020 18:36

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 1530
 Ion Ratio Lower Upper
 75 100
 77 53.2 21.1 39.1#



#59
 1,2,3-Trichloropropane
 Concen: 1.054 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037250.D
 Acq: 13 Mar 2020 18:36

Tgt Ion: 75 Resp: 7088
 Ion Ratio Lower Upper
 75 100
 77 36.6 27.4 41.0

