

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037263.D
 Acq On : 14 Mar 2020 15:20
 Operator : JC/MD
 Sample : L1900-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NE2

Quant Time: Mar 16 05:18:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	118465	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	117038	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	47152	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33731	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.93	69	31353	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.59	63	49174	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.67	46	97566	49.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.06%
24) Chloroform-d	5.11	84	72727	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.74	65	44714	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	133081	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.73	67	42790	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.93	98	119196	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.20	79	16422	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.66	63	77278	49.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.84%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	36236	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	42716	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

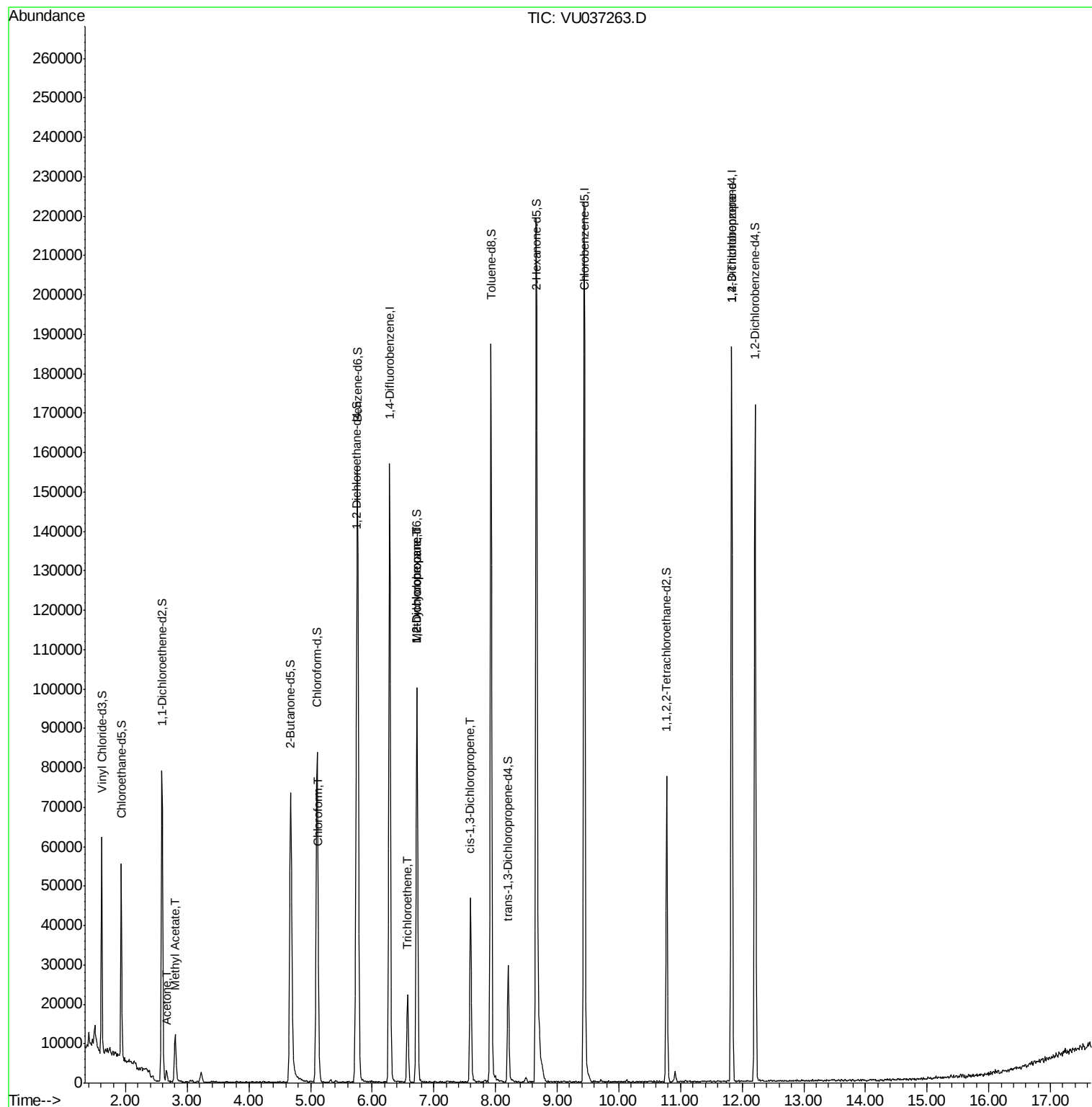
					Ovalue
13) Acetone	2.66	43	2876	1.764 ug/L	91
15) Methyl Acetate	2.81	43	3690	0.967 ug/L #	55
25) Chloroform	5.13	83	5242	0.290 ug/L	96
34) Trichloroethene	6.57	95	7032	0.752 ug/L	91
35) Methylcyclohexane	6.72	83	9720	0.673 ug/L #	17
37) 1,2-Dichloropropane	6.73	63	5405	0.594 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1417	0.108 ug/L #	80
59) 1,2,3-Trichloropropane	11.83	75	6662	1.022 ug/L	89

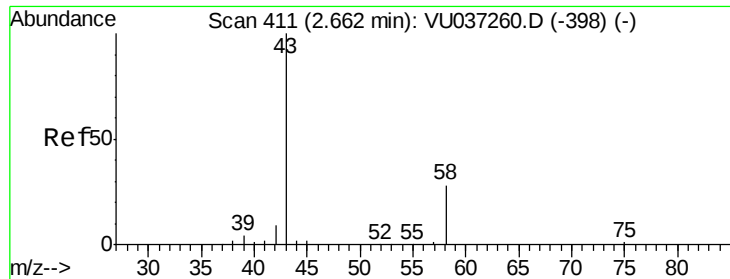
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.764 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU037263.D

Acq: 14 Mar 2020 15:20

Instrument :

MSVOA_U

ClientSampleId :

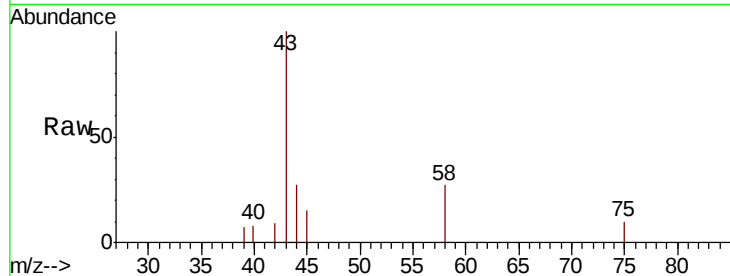
CONE2

Tot Ion: 43 Resp: 2876

Ion Ratio Lower Upper

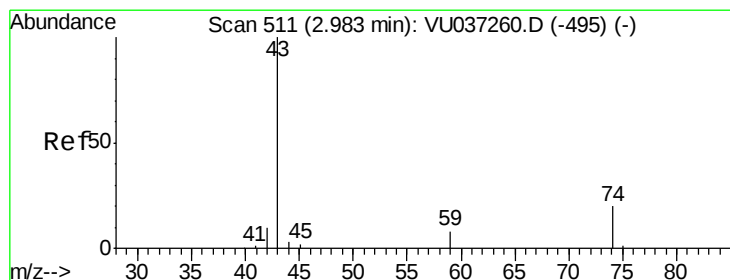
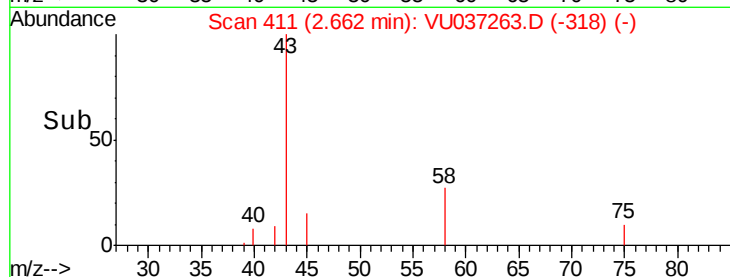
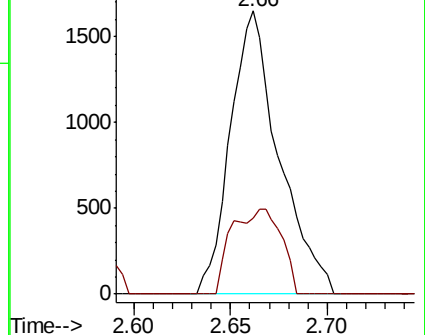
43 100

58 30.7 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037263.D (-418) (-)

Ion 58.05 (57.75 to 58.75): VU037263.D (-418) (-)



#15

Methyl Acetate

Concen: 0.967 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.18 min

Lab File: VU037263.D

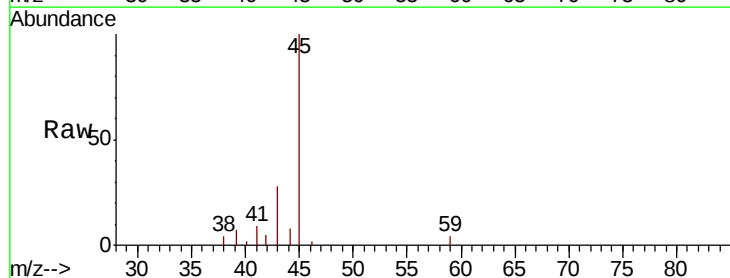
Acq: 14 Mar 2020 15:20

Tgt Ion: 43 Resp: 3690

Ion Ratio Lower Upper

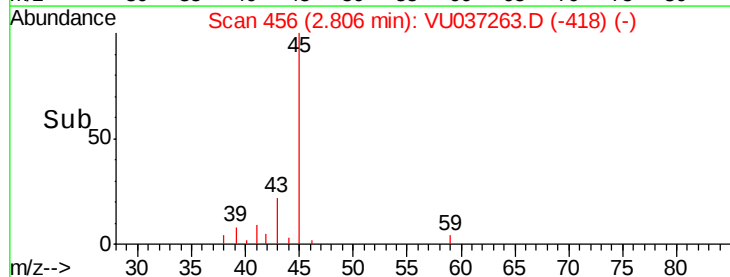
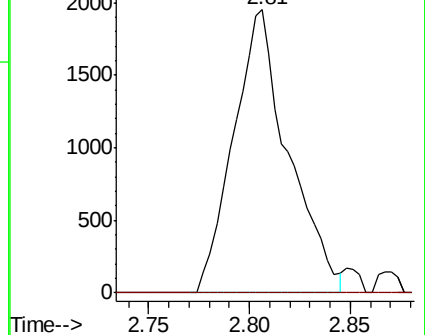
43 100

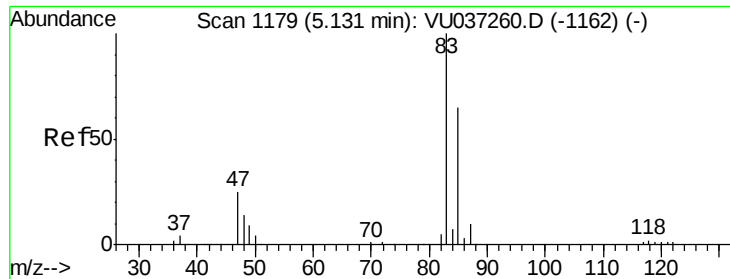
74 0.0 17.1 25.7#



Abundance Ion 43.05 (42.75 to 43.75): VU037263.D (-418) (-)

Ion 74.05 (73.75 to 74.75): VU037263.D (-418) (-)

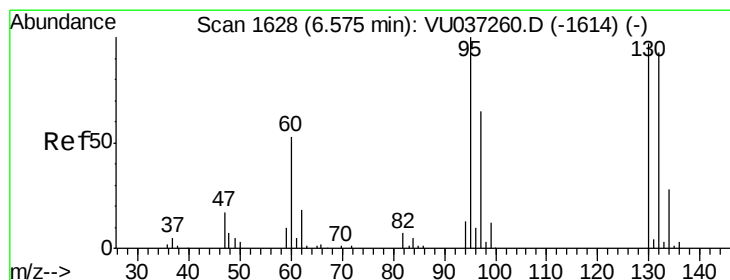
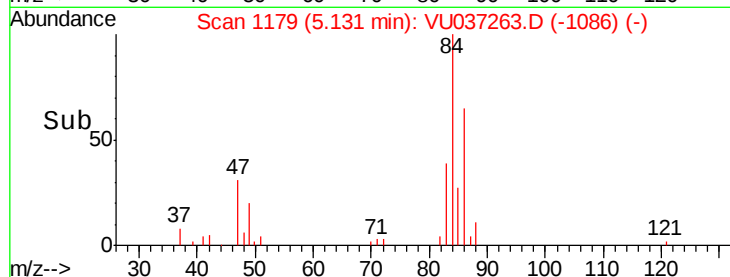
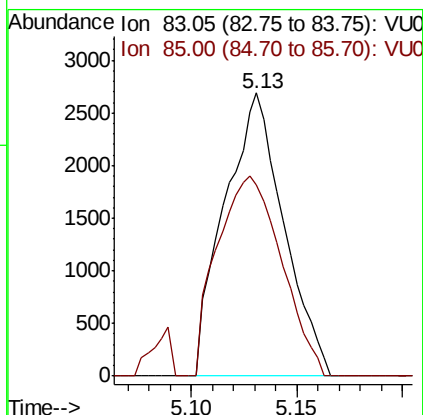
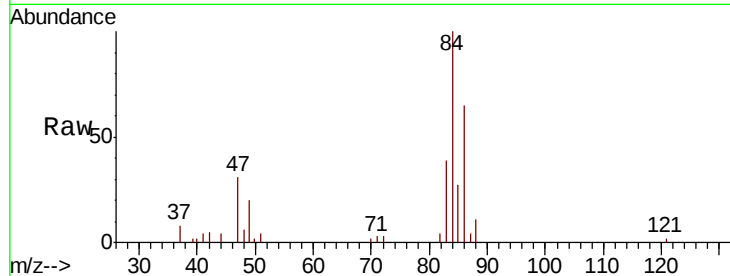




#25
Chloroform
Concen: 0.290 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU037263.D
Acq: 14 Mar 2020 15:20

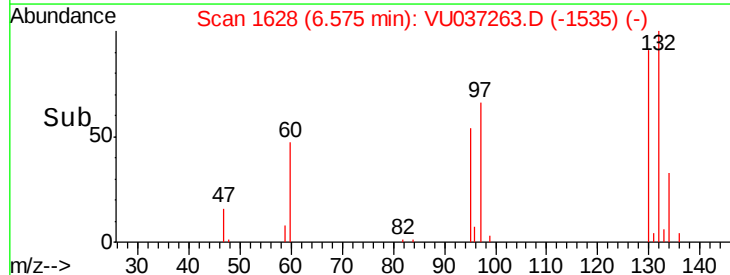
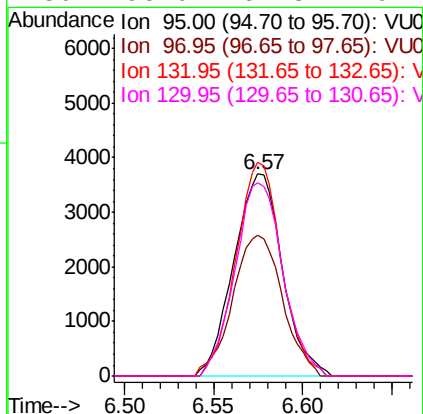
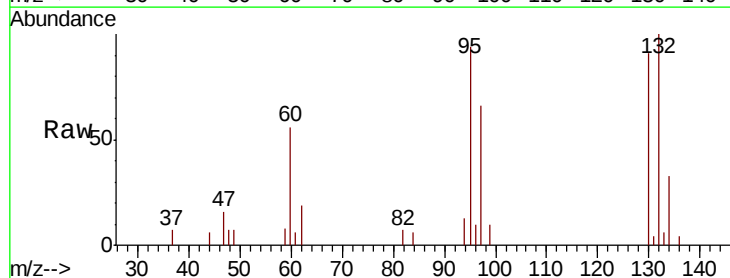
Instrument :
MSVOA_U
ClientSampleId :
CONE2

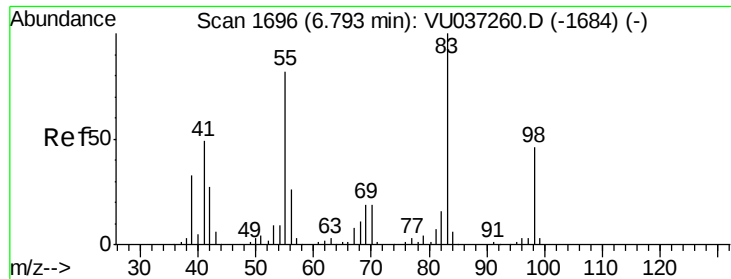
Tot Ion: 83 Resp: 5242
Ion Ratio Lower Upper
83 100
85 67.8 45.3 84.1



#34
Trichloroethene
Concen: 0.752 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU037263.D
Acq: 14 Mar 2020 15:20

Tgt Ion: 95 Resp: 7032
Ion Ratio Lower Upper
95 100
97 69.8 45.4 84.4
132 105.9 63.7 118.3
130 96.0 64.8 120.4

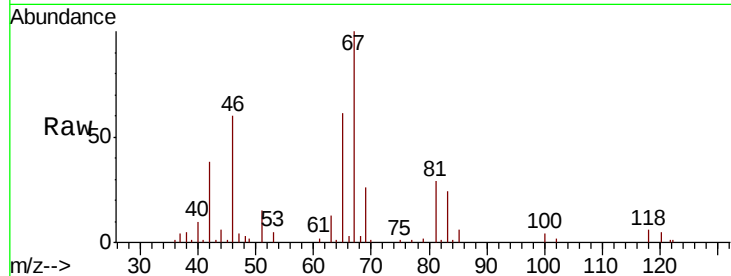




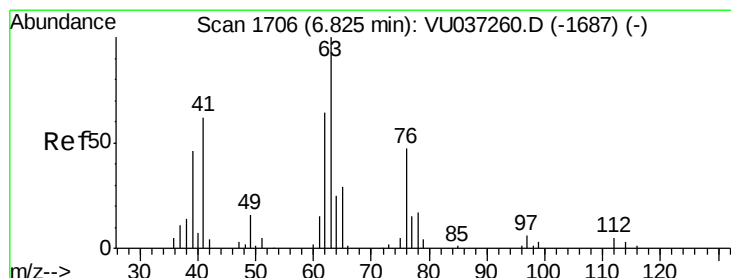
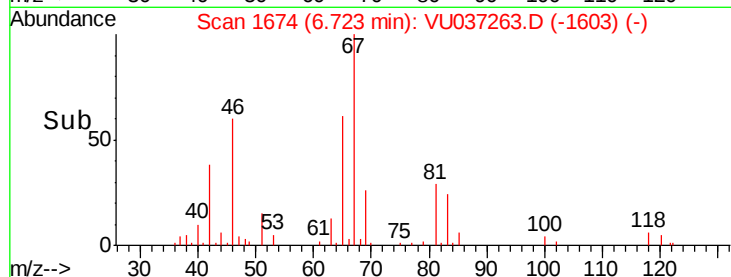
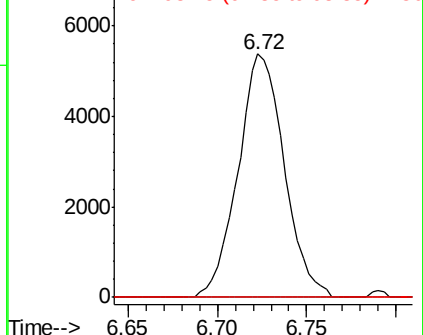
#35
Methvlcvclohexane
Concen: 0.673 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037263.D
Acq: 14 Mar 2020 15:20

Instrument :
MSVOA_U
ClientSampleId :
CONE2

Tot Ion: 83 Resp: 9720
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 3.3 37.0 55.4#

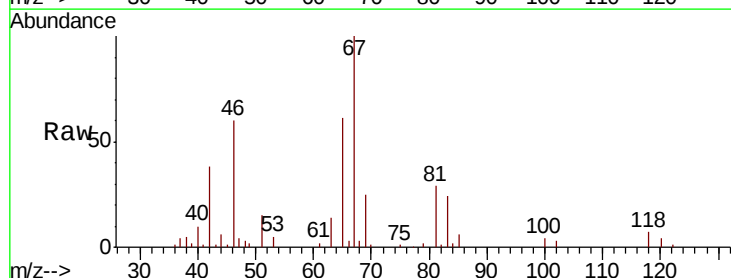


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

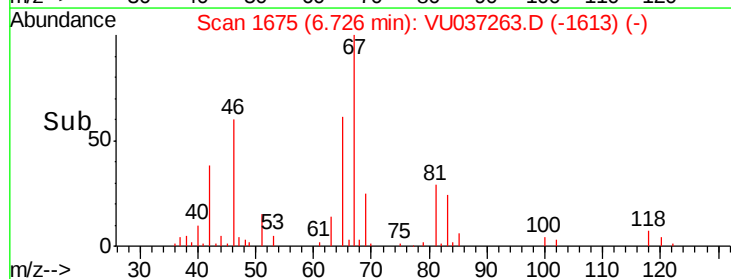
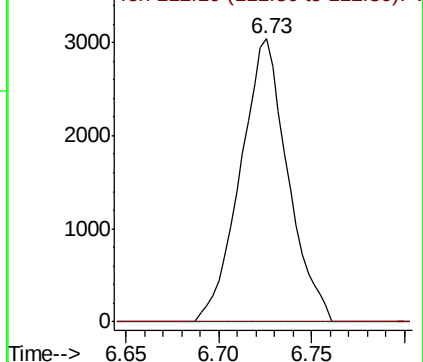


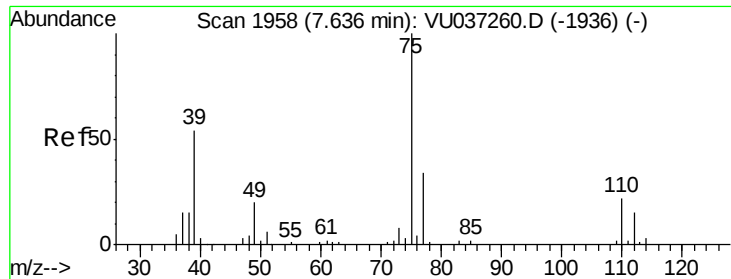
#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037263.D
Acq: 14 Mar 2020 15:20

Tgt Ion: 63 Resp: 5405
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



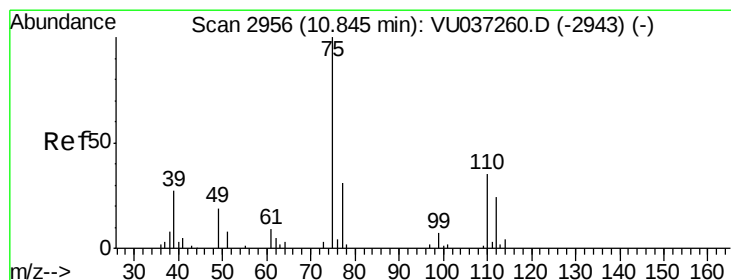
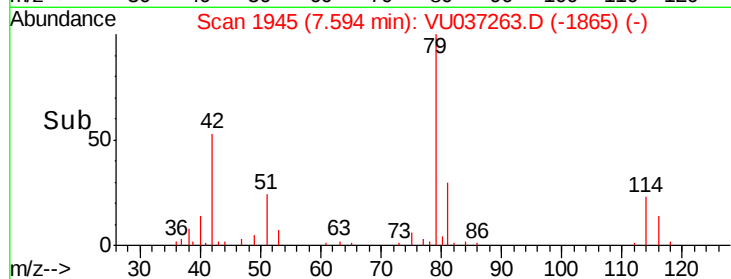
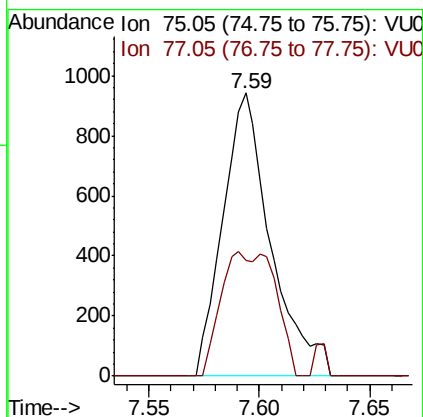
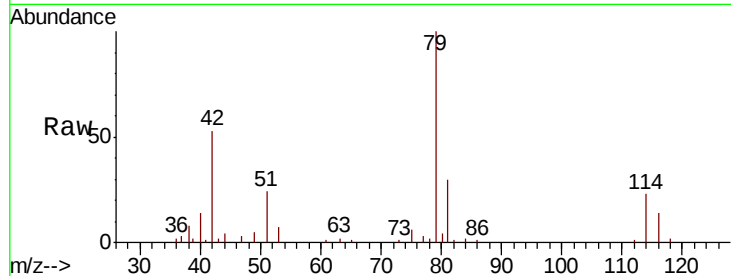


#39

cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037263.D
 Acq: 14 Mar 2020 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NE2

Tot Ion: 75 Resp: 1417
 Ion Ratio Lower Upper
 75 100
 77 41.1 21.1 39.1#



#59

1,2,3-Trichloropropane
 Concen: 1.022 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037263.D
 Acq: 14 Mar 2020 15:20

Tgt Ion: 75 Resp: 6662
 Ion Ratio Lower Upper
 75 100
 77 40.8 27.4 41.0

