

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036101.D
 Acq On : 10 Dec 2019 23:15
 Operator : JC/MD
 Sample : K6234-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 07:33:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	269279	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	296527	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	80709	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121337	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.93	69	114169	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.59	63	131724	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.69	46	226266	55.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.64%
24) Chloroform-d	5.11	84	194233	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.75	65	103504	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.77	84	376406	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.73	67	119087	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.93	98	302604	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.21	79	42961	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.69	63	180701	52.94	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.88%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	106340	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	82084	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

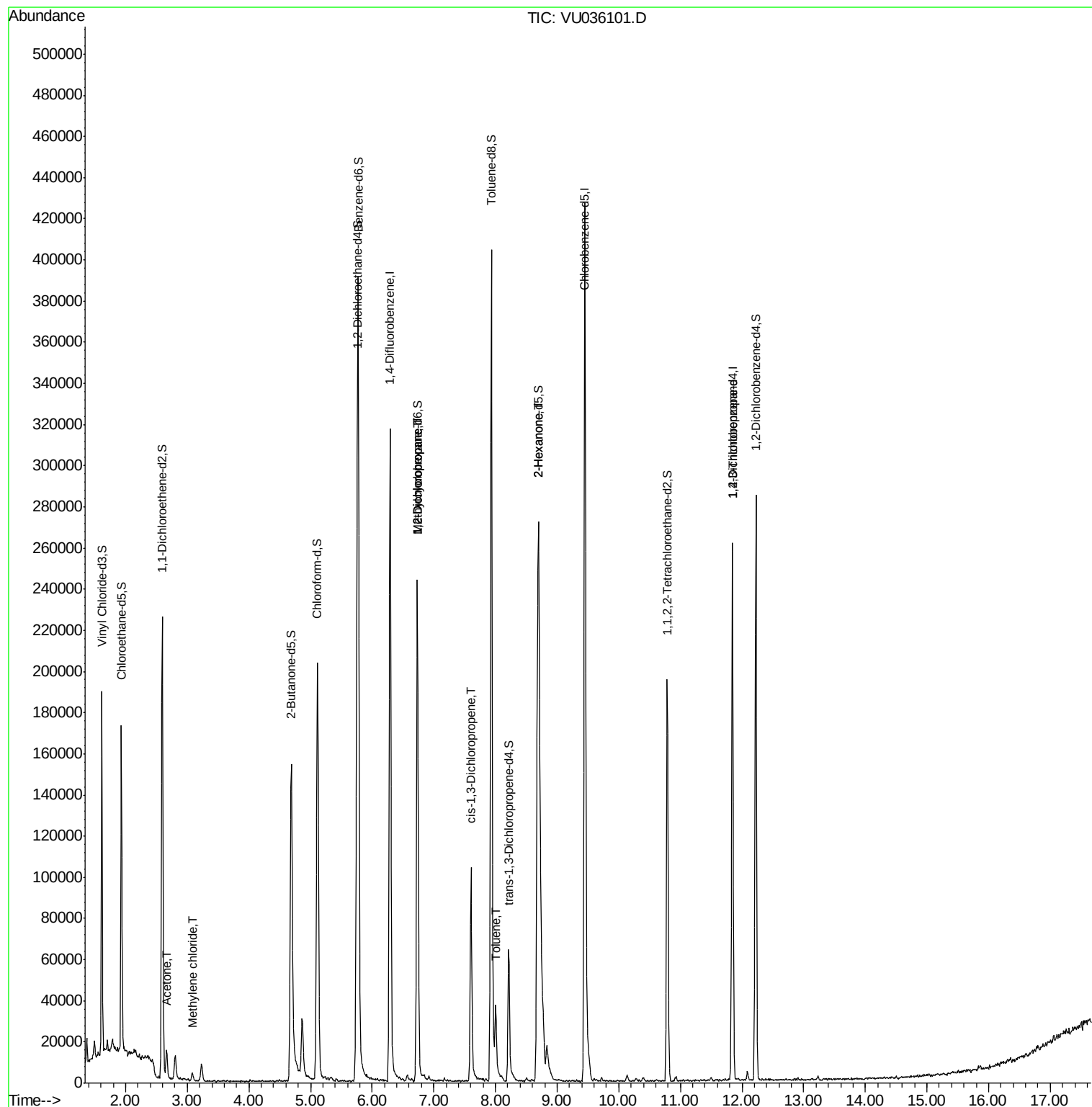
					Ovalue
13) Acetone	2.66	43	14927	2.875 ug/L	98
16) Methylene chloride	3.08	84	1887	0.069 ug/L	82
35) Methylcyclohexane	6.73	83	28886	1.001 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12922	0.636 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2953	0.107 ug/L #	39
42) Toluene	8.00	91	23375	0.269 ug/L	98
48) 2-Hexanone	8.70	43	26006	3.414 ug/L #	72
59) 1,2,3-Trichloropropane	11.84	75	9135	0.629 ug/L	95

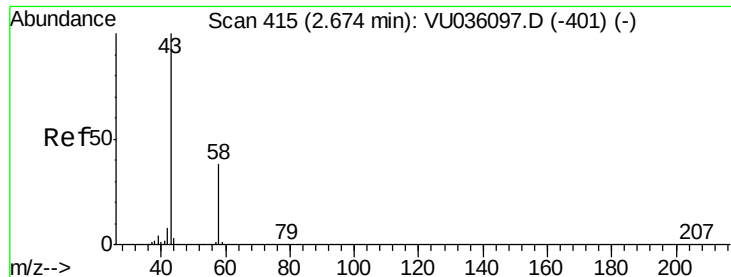
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.875 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036101.D

Acq: 10 Dec 2019 23:15

Instrument :

MSVOA_U

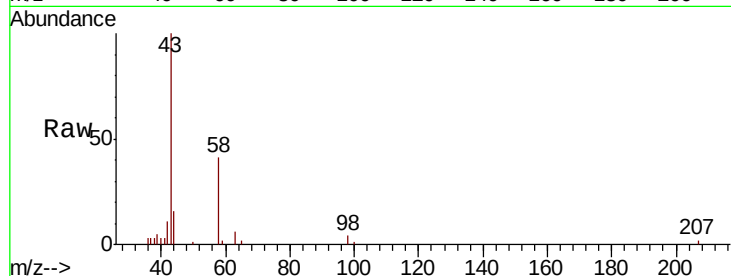
ClientSampled :

Tot Ion: 43 Resp: 14927

Ion Ratio Lower Upper

43 100

58 36.0 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036101.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036101.D (-401) (-)

2.66

8000

6000

4000

2000

0

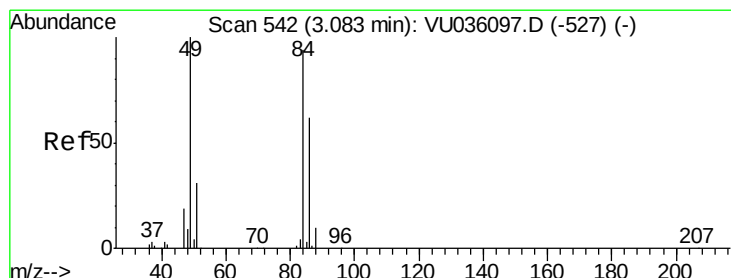
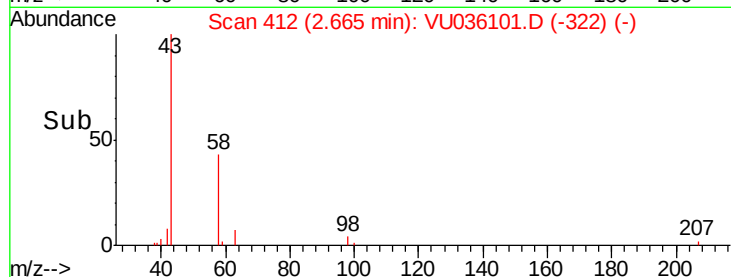
Time-->

2.60

2.65

2.70

2.75



#16

Methylene chloride

Concen: 0.069 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.01 min

Lab File: VU036101.D

Acq: 10 Dec 2019 23:15

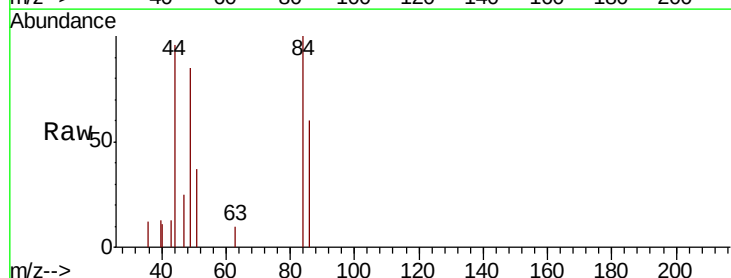
Tgt Ion: 84 Resp: 1887

Ion Ratio Lower Upper

84 100

86 60.2 47.5 88.3

49 85.0 76.9 142.9



Abundance Ion 84.05 (83.75 to 84.75): VU036101.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU036101.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU036101.D (-527) (-)

1500

1000

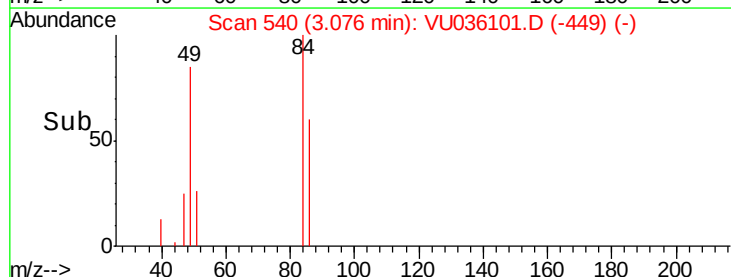
500

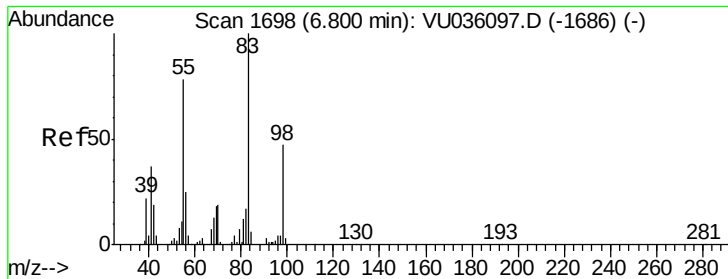
0

Time-->

3.05

3.10





#35

Methvlcvclohexane

Concen: 1.001 ug/L

RT: 6.73 min Scan# 1677

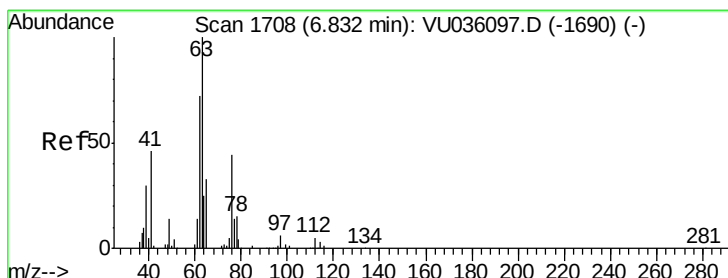
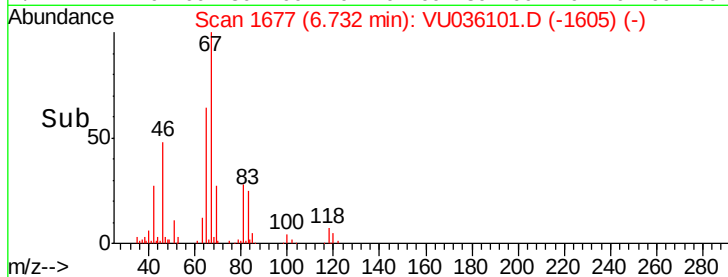
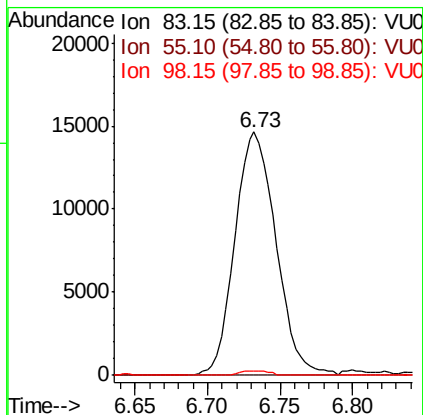
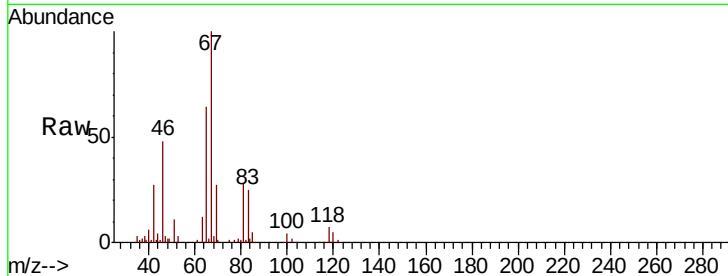
Delta R.T. -0.07 min

Lab File: VU036101.D

Acq: 10 Dec 2019 23:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	83	Resp:	28886
Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.1	93.1#
98	1.4	37.0	55.4#



#37

1,2-Dichloropropane

Concen: 0.636 ug/L

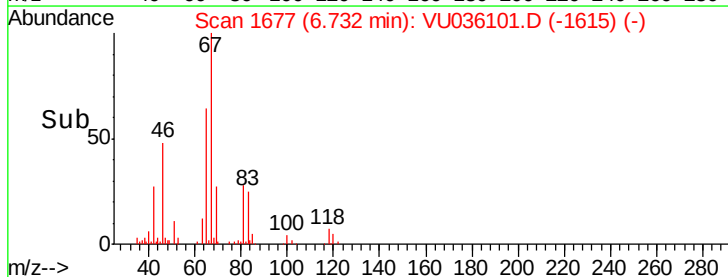
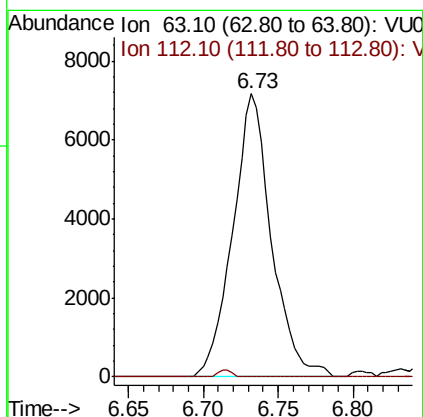
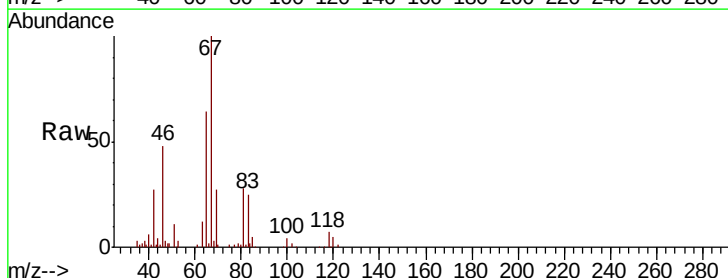
RT: 6.73 min Scan# 1677

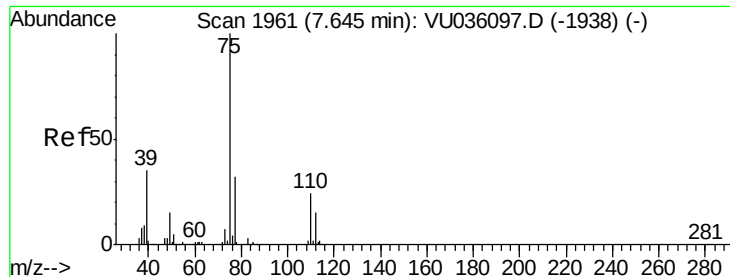
Delta R.T. -0.10 min

Lab File: VU036101.D

Acq: 10 Dec 2019 23:15

Tgt Ion:	63	Resp:	12922
Ion	Ratio	Lower	Upper
63	100		
112	0.9	3.8	5.8#

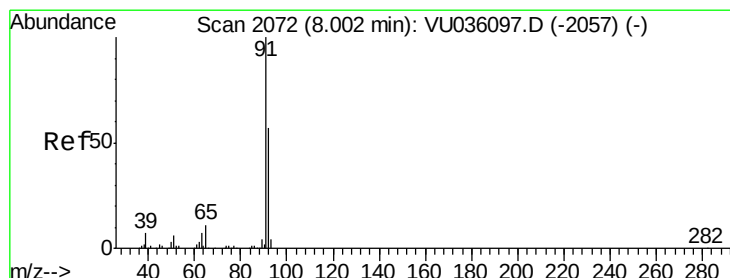
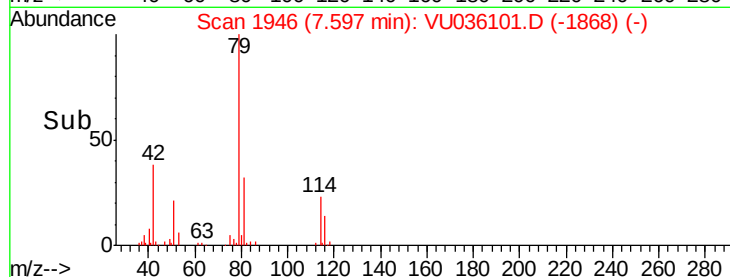
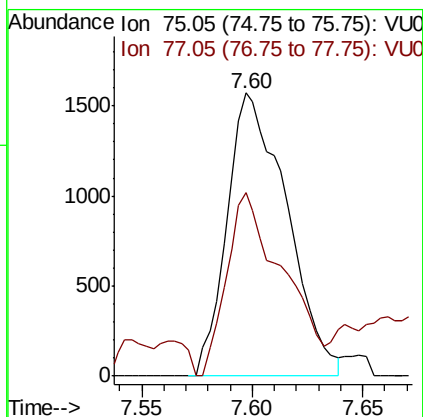
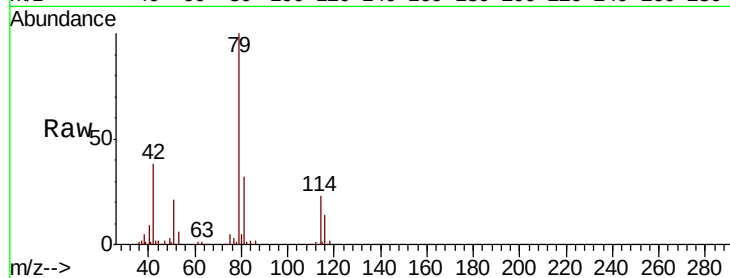




#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.05 min
 Lab File: VU036101.D
 Acq: 10 Dec 2019 23:15

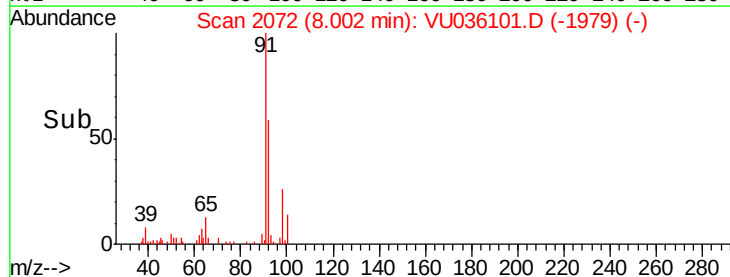
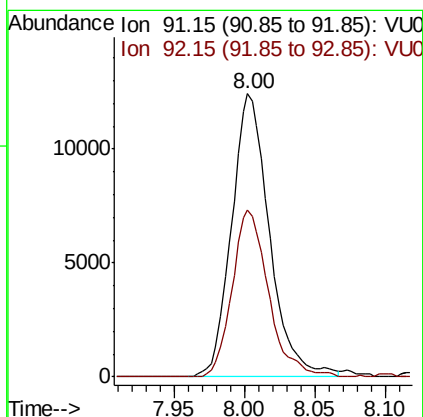
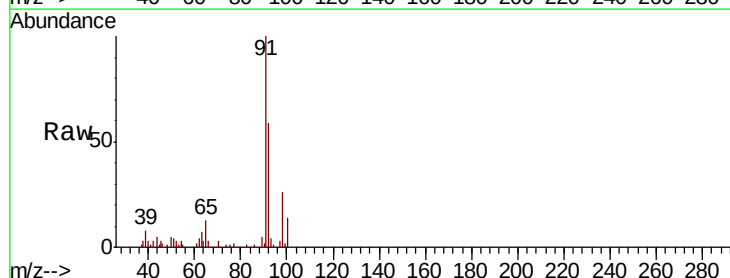
Instrument :
 MSVOA_U
 ClientSampleId :

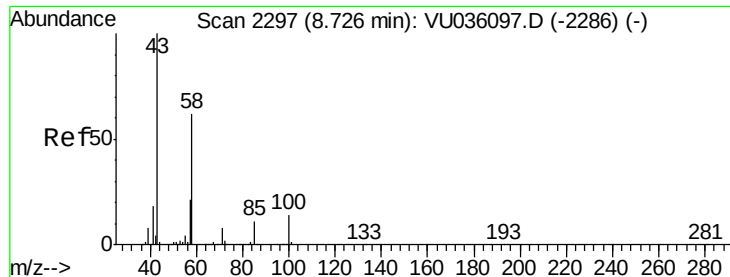
Tot Ion: 75 Resp: 2953
 Ion Ratio Lower Upper
 75 100
 77 64.7 21.7 40.3#



#42
 Toluene
 Concen: 0.269 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VU036101.D
 Acq: 10 Dec 2019 23:15

Tgt Ion: 91 Resp: 23375
 Ion Ratio Lower Upper
 91 100
 92 58.9 40.0 74.4

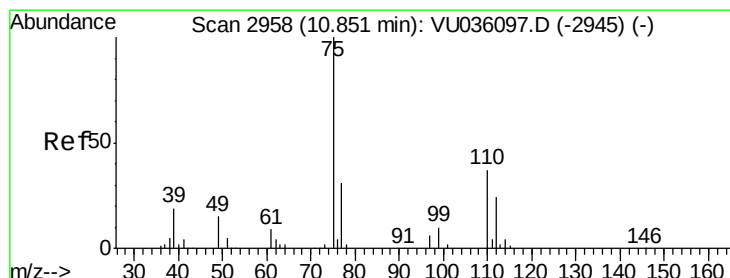
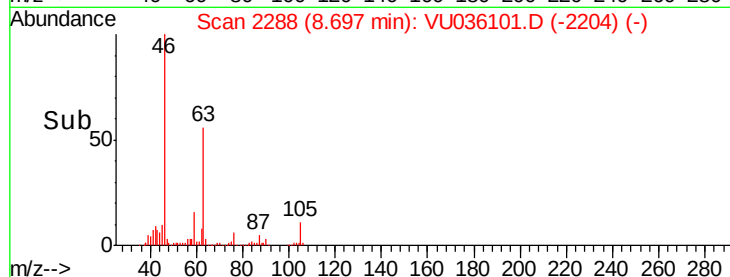
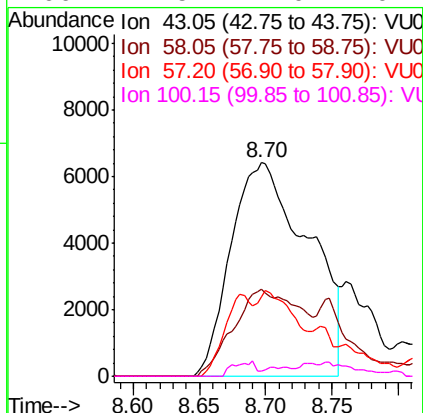
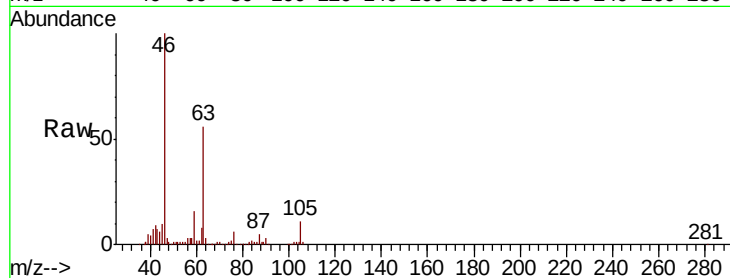




#48
2-Hexanone
Concen: 3.414 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. -0.03 min
Lab File: VU036101.D
Acq: 10 Dec 2019 23:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 26006
Ion Ratio Lower Upper
43 100
58 35.0 46.9 70.3#
57 13.9 16.4 24.6#
100 1.5 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 0.629 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU036101.D
Acq: 10 Dec 2019 23:15

Tgt Ion: 75 Resp: 9135
Ion Ratio Lower Upper
75 100
77 36.0 26.7 40.1

