

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036100.D
 Acq On : 10 Dec 2019 22:50
 Operator : JC/MD
 Sample : K6234-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 07:33:30 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	270896	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	302819	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	77949	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	124963	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.93	69	120040	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.59	63	137015	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.69	46	232468	56.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.00%
24) Chloroform-d	5.11	84	192763	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.75	65	104861	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.77	84	383279	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.73	67	123471	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.93	98	309064	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.21	79	43784	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.70	63	184051	52.80	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.60%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	108002	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	80772	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

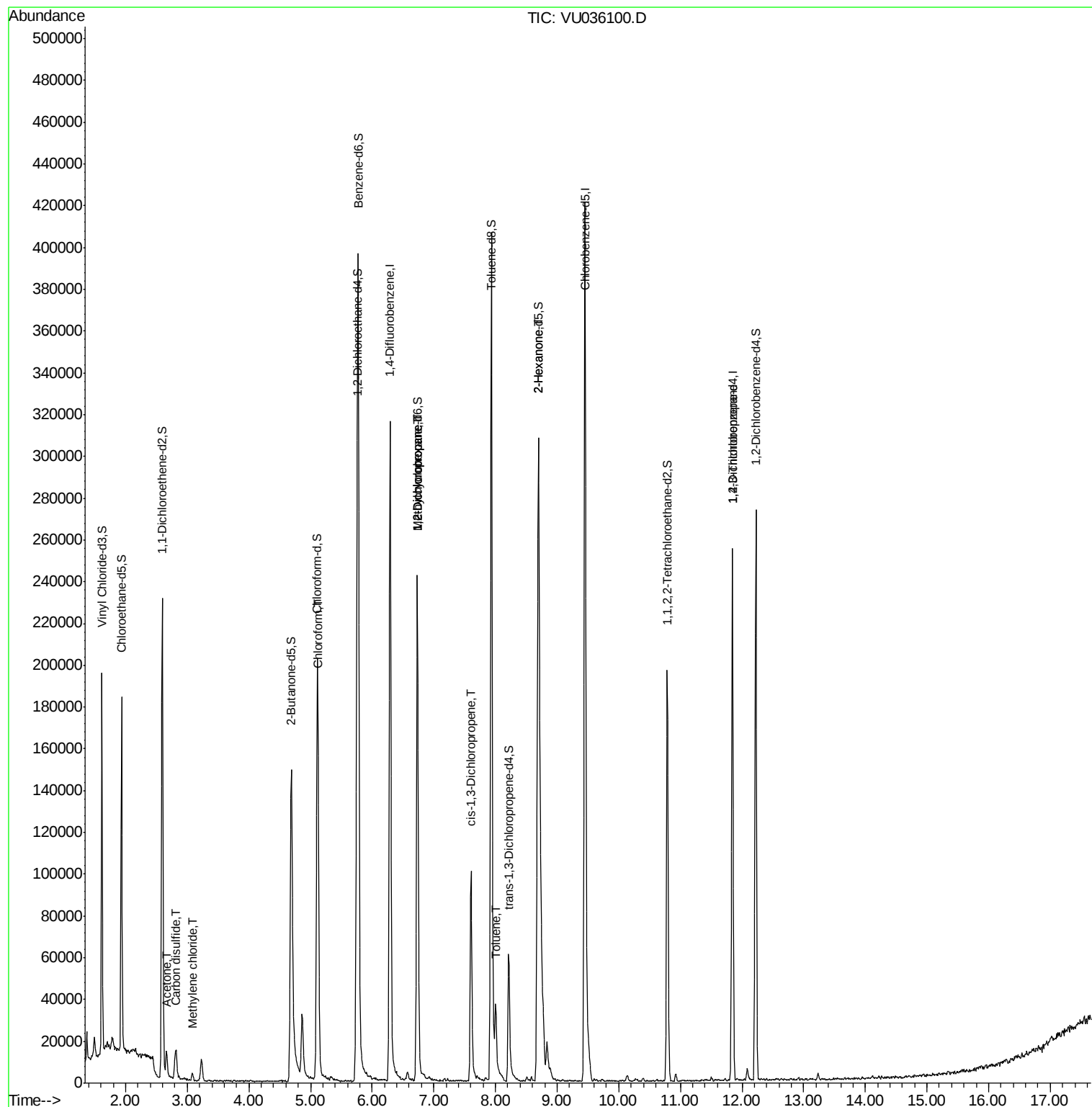
					Ovalue
13) Acetone	2.66	43	14591	2.794	ug/L 95
14) Carbon disulfide	2.83	76	11643	0.172	ug/L 99
16) Methylene chloride	3.08	84	1694	0.062	ug/L 89
25) Chloroform	5.13	83	8796	0.219	ug/L 88
35) Methylcyclohexane	6.74	83	28529	0.968	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	12842	0.619	ug/L # 87
39) cis-1,3-Dichloropropene	7.61	75	2688	0.095	ug/L # 55
42) Toluene	8.01	91	23359	0.263	ug/L 96
48) 2-Hexanone	8.70	43	20771	2.670	ug/L # 59
59) 1,2,3-Trichloropropane	11.84	75	8357	0.563	ug/L # 86

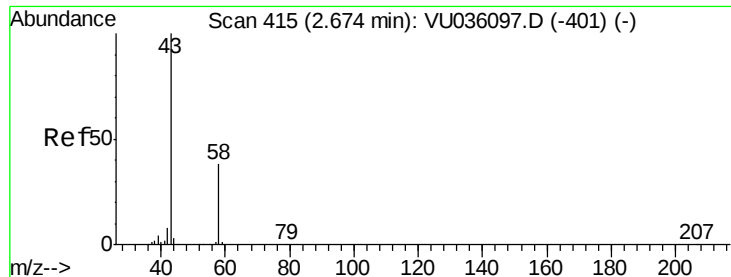
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.794 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU036100.D

Acq: 10 Dec 2019 22:50

Instrument :

MSVOA_U

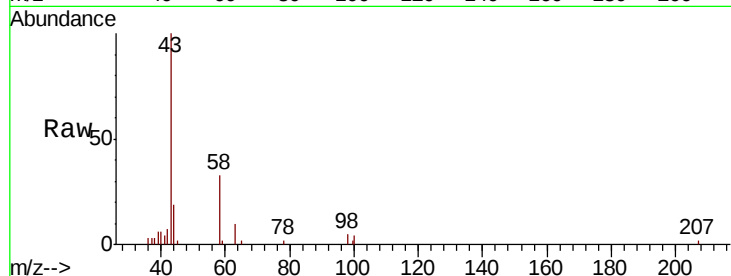
ClientSampleId :

Tot Ion: 43 Resp: 14591

Ion Ratio Lower Upper

43 100

58 34.3 0.0 74.2

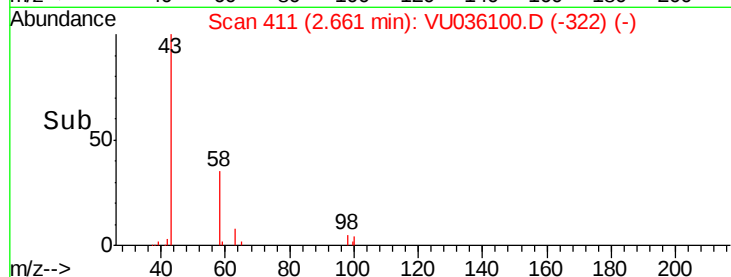


Abundance Ion 43.05 (42.75 to 43.75): VU036100.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU036100.D (-322) (-)

2.66

Time-->



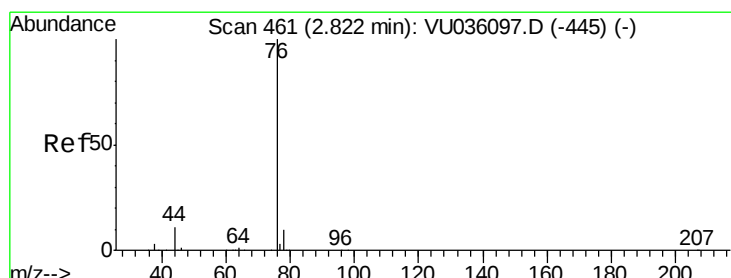
Abundance

Ion 43.05 (42.75 to 43.75): VU036100.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU036100.D (-322) (-)

2.66

Time-->



#14

Carbon disulfide

Concen: 0.172 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU036100.D

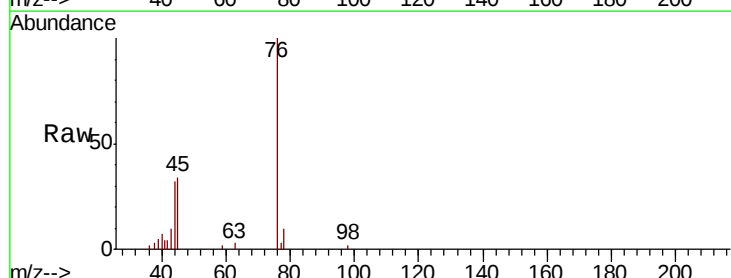
Acq: 10 Dec 2019 22:50

Tgt Ion: 76 Resp: 11643

Ion Ratio Lower Upper

76 100

78 10.0 7.7 11.5

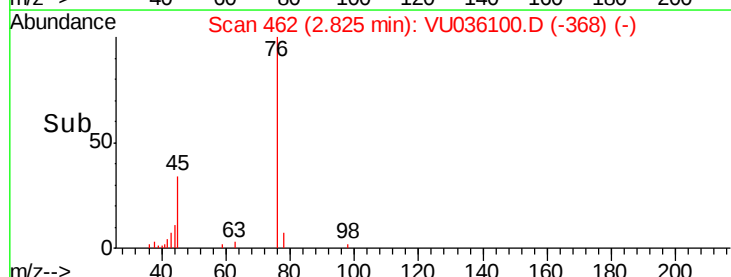


Abundance Ion 76.05 (75.75 to 76.75): VU036100.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU036100.D (-368) (-)

2.83

Time-->



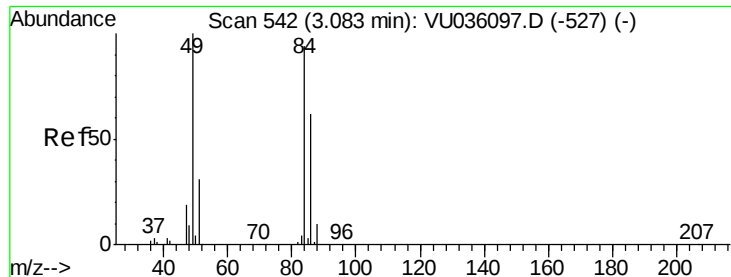
Abundance

Ion 76.05 (75.75 to 76.75): VU036100.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU036100.D (-368) (-)

2.83

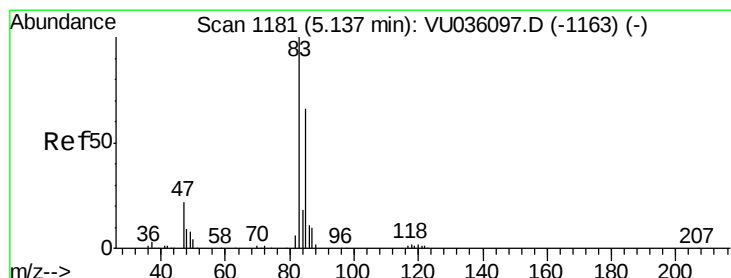
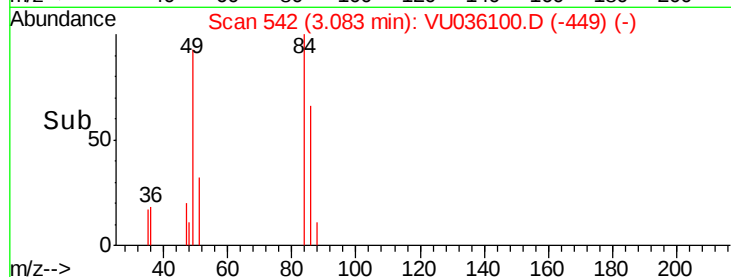
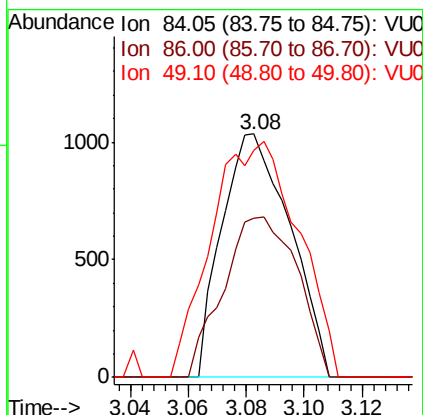
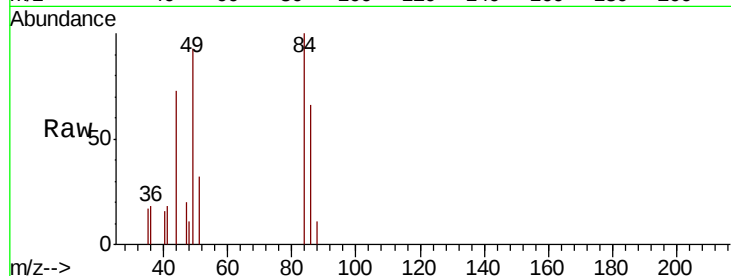
Time-->



#16
Methvlene chloride
Concen: 0.062 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036100.D
Acq: 10 Dec 2019 22:50

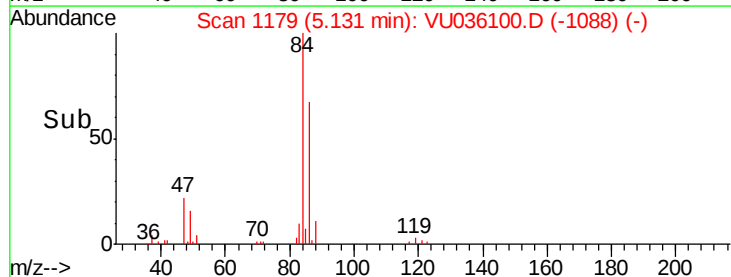
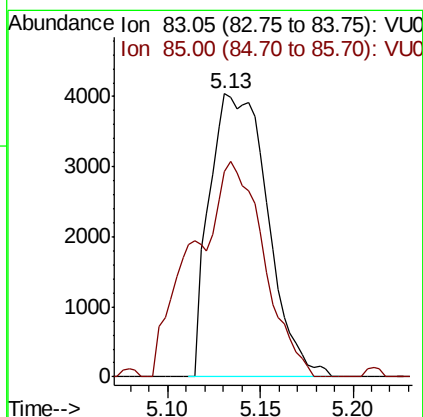
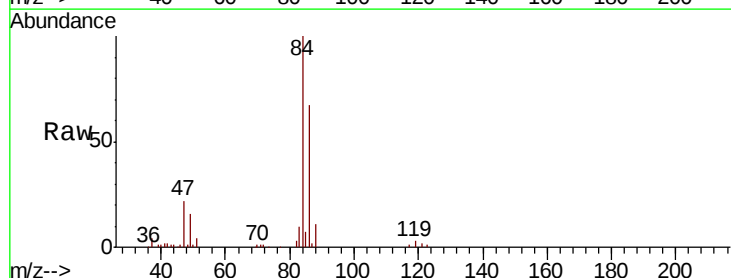
Instrument :
MSVOA_U
ClientSampled :

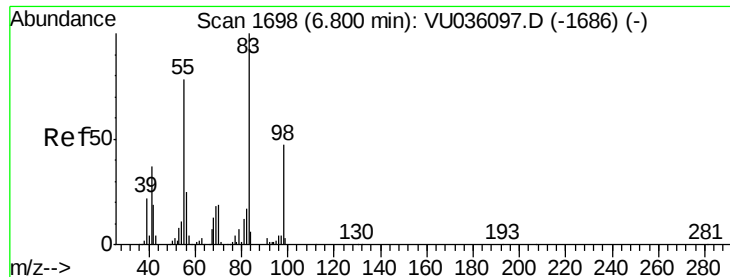
Tot Ion: 84 Resp: 1694
Ion Ratio Lower Upper
84 100
86 65.6 47.5 88.3
49 93.3 76.9 142.9



#25
Chloroform
Concen: 0.219 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VU036100.D
Acq: 10 Dec 2019 22:50

Tgt Ion: 83 Resp: 8796
Ion Ratio Lower Upper
83 100
85 72.3 43.9 81.5

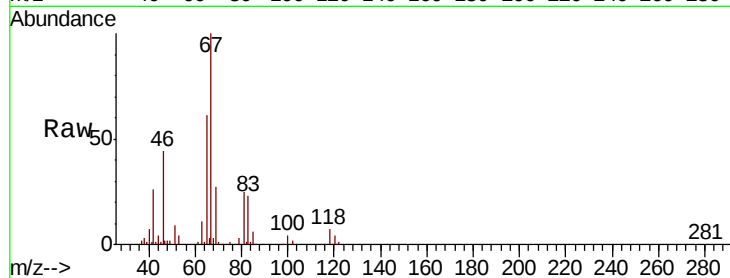




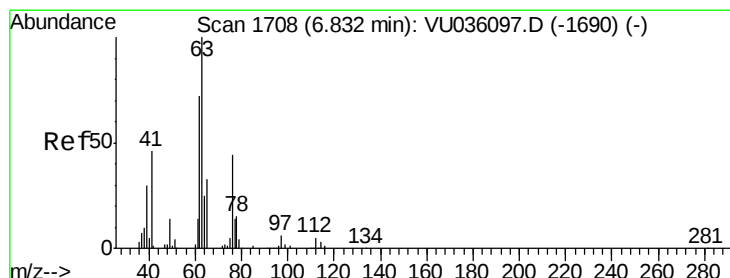
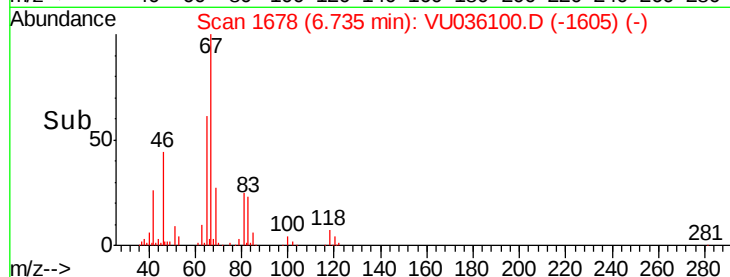
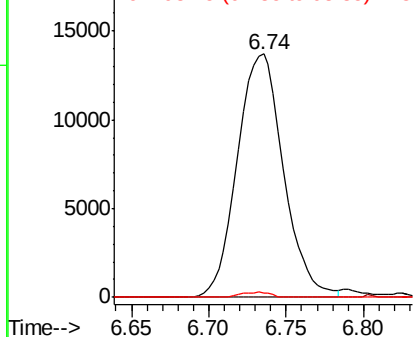
#35
Methvlcvclohexane
Concen: 0.968 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU036100.D
Acq: 10 Dec 2019 22:50

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 28529
Ion Ratio Lower Upper
83 100
55 0.2 62.1 93.1#
98 1.3 37.0 55.4#

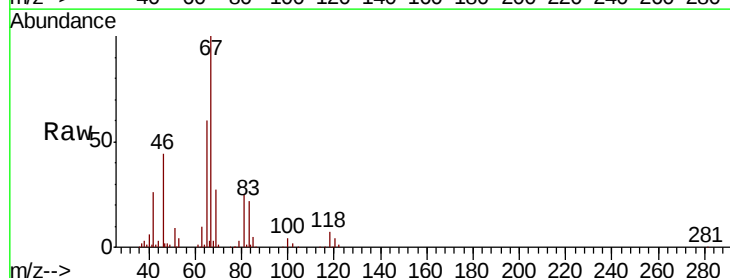


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

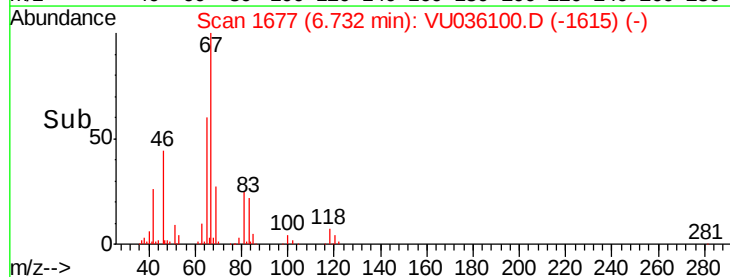
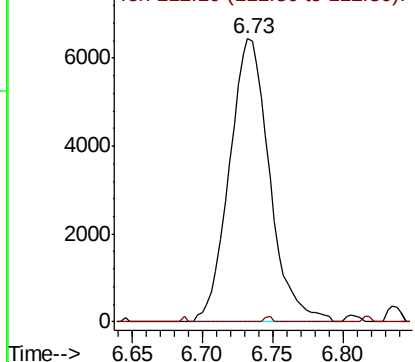


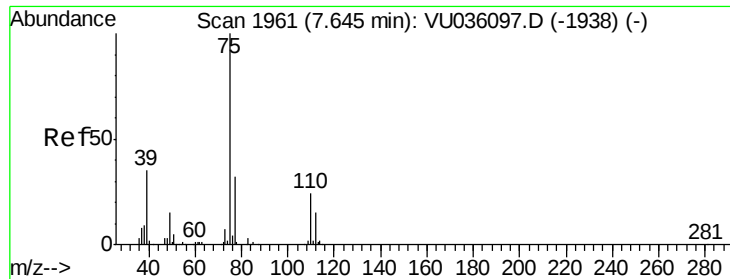
#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036100.D
Acq: 10 Dec 2019 22:50

Tgt Ion: 63 Resp: 12842
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

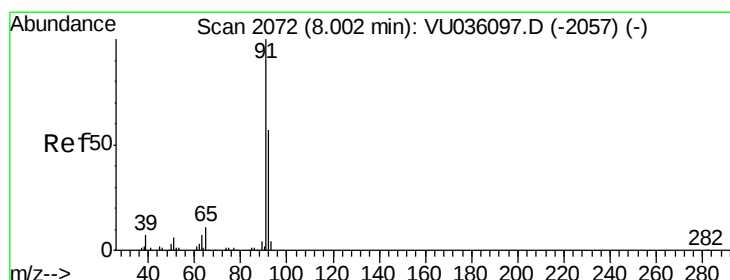
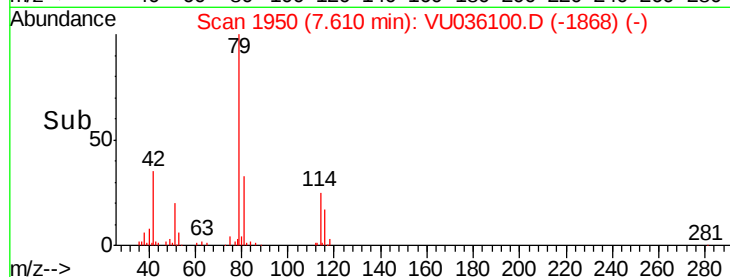
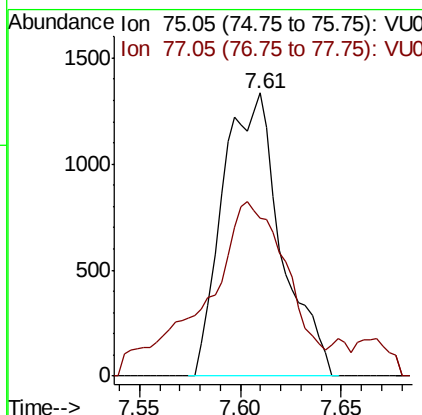
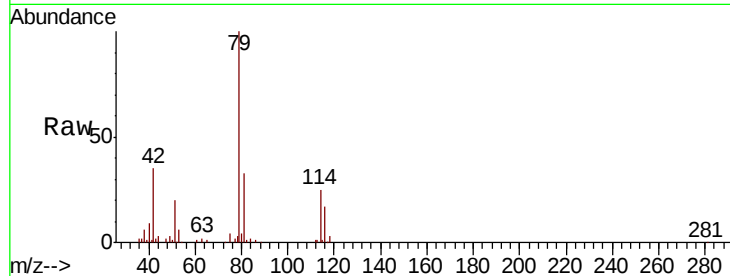




#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.61 min Scan# 1950
 Delta R.T. -0.04 min
 Lab File: VU036100.D
 Acq: 10 Dec 2019 22:50

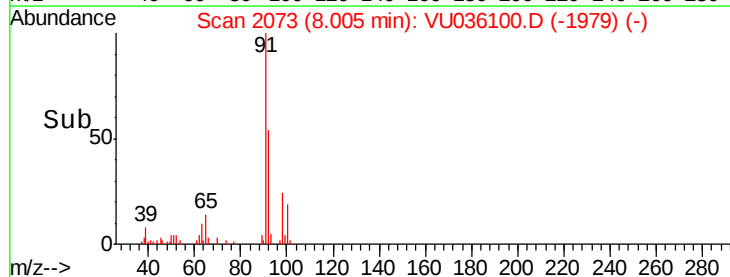
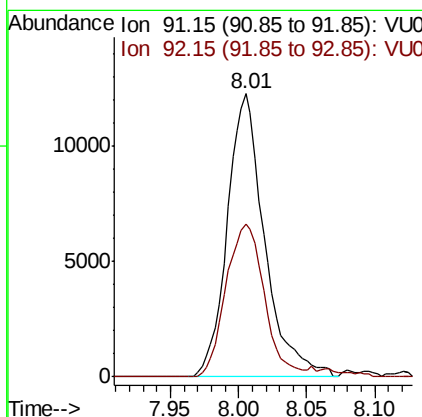
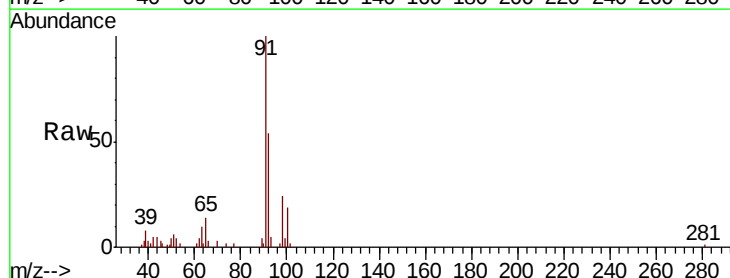
Instrument :
 MSVOA_U
 ClientSampleId :

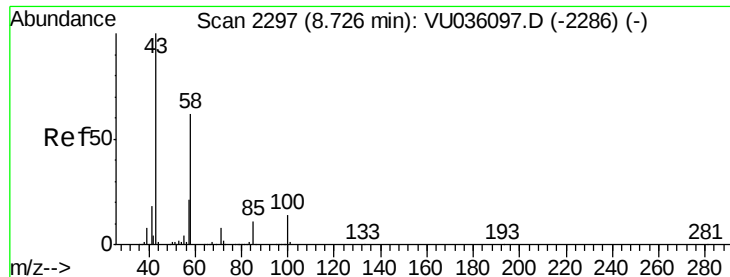
Tot Ion: 75 Resp: 2688
 Ion Ratio Lower Upper
 75 100
 77 55.9 21.7 40.3#



#42
 Toluene
 Concen: 0.263 ug/L
 RT: 8.01 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VU036100.D
 Acq: 10 Dec 2019 22:50

Tgt Ion: 91 Resp: 23359
 Ion Ratio Lower Upper
 91 100
 92 54.2 40.0 74.4

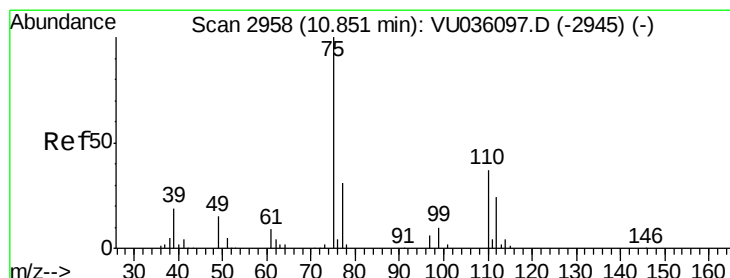
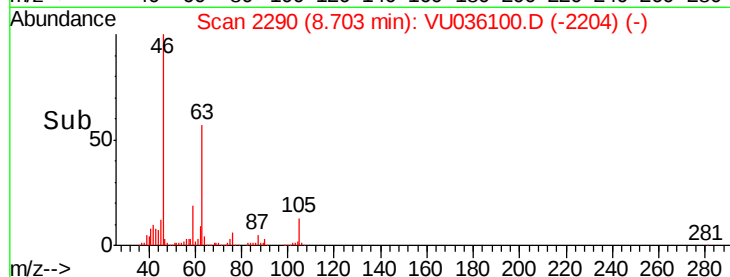
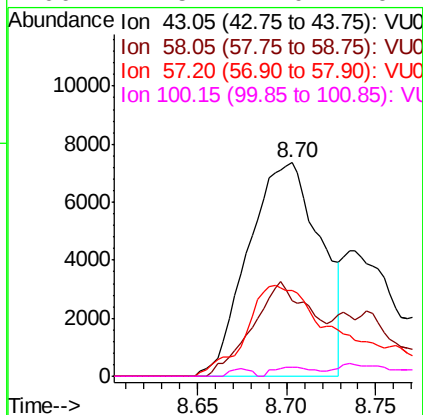
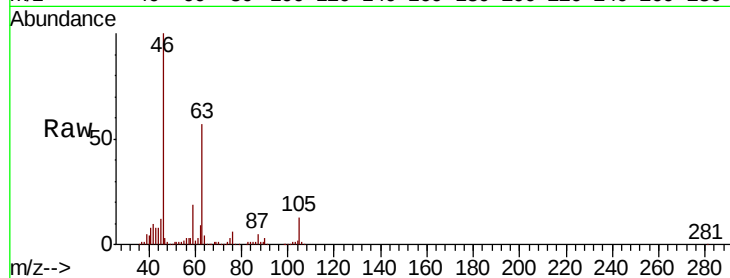




#48
 2-Hexanone
 Concen: 2.670 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.02 min
 Lab File: VU036100.D
 Acq: 10 Dec 2019 22:50

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 20771
 Ion Ratio Lower Upper
 43 100
 58 36.3 46.9 70.3#
 57 58.6 16.4 24.6#
 100 2.5 11.0 16.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.563 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU036100.D
 Acq: 10 Dec 2019 22:50

Tgt Ion: 75 Resp: 8357
 Ion Ratio Lower Upper
 75 100
 77 41.5 26.7 40.1#

