

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121719\
 Data File : VU036254.D
 Acq On : 17 Dec 2019 13:19
 Operator : JC/MD
 Sample : K6275-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:26:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 18 01:23:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	233579	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261211	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	78889	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.93	69	80996	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	63	88236	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.68	46	167263	43.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.80%
24) Chloroform-d	5.11	84	116085	3.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.20%
26) 1,2-Dichloroethane-d4	5.75	65	84084	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.77	84	265209	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.73	67	91893	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.93	98	224014	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	8.21	79	34770	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.69	63	134953	41.46	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.92%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	85251	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	74526	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

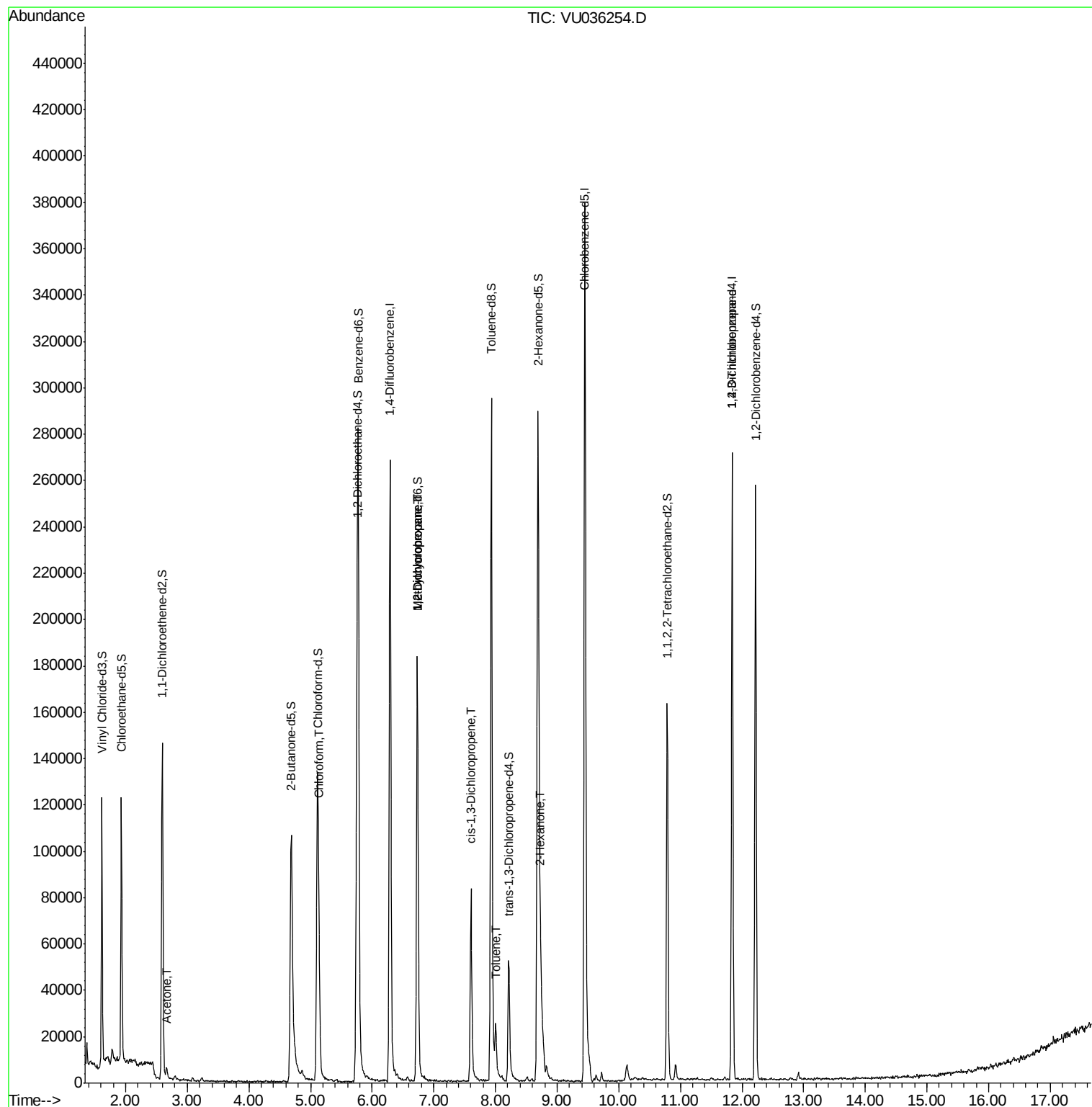
					Ovalue
13) Acetone	2.66	43	4351	1.296 ug/L	91
25) Chloroform	5.14	83	38680	1.067 ug/L	93
35) Methylcyclohexane	6.73	83	21710	0.738 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	9417	0.460 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2172	0.078 ug/L #	40
42) Toluene	8.00	91	15070	0.175 ug/L	90
48) 2-Hexanone	8.74	43	7592	0.950 ug/L #	76
59) 1,2,3-Trichloropropane	11.83	75	9464	0.695 ug/L	100

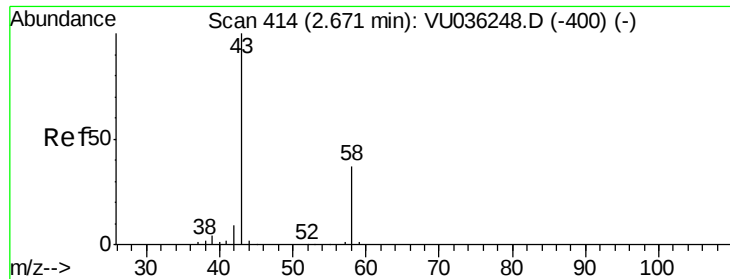
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.296 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036254.D

Acq: 17 Dec 2019 13:19

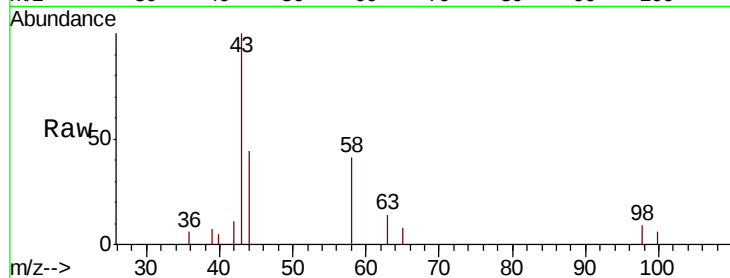
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 4351

Ion Ratio Lower Upper

43 100

58 38.9 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036248.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU036248.D (-400) (-)

2.66

2500

2000

1500

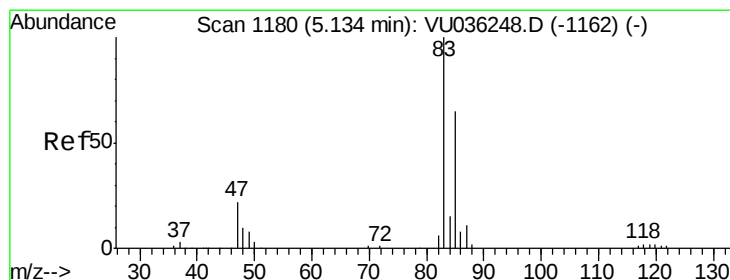
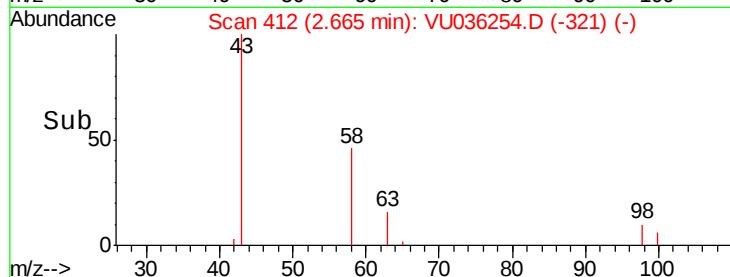
1000

500

0

Time-->

2.60 2.65 2.70



#25

Chloroform

Concen: 1.067 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU036254.D

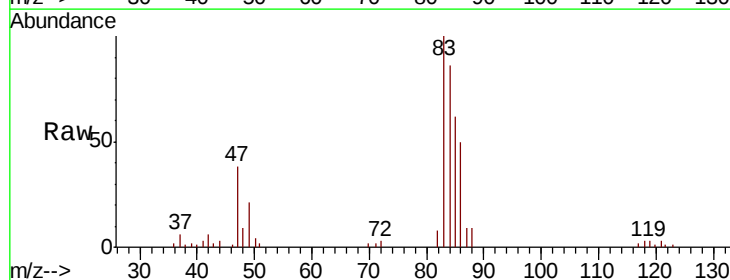
Acq: 17 Dec 2019 13:19

Tgt Ion: 83 Resp: 38680

Ion Ratio Lower Upper

83 100

85 62.2 47.5 88.1



Abundance Ion 83.05 (82.75 to 83.75): VU036248.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU036248.D (-1162) (-)

5.14

20000

15000

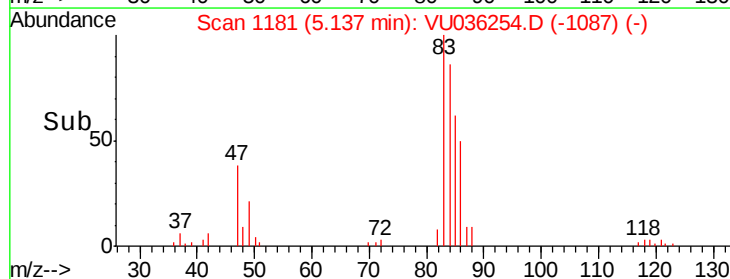
10000

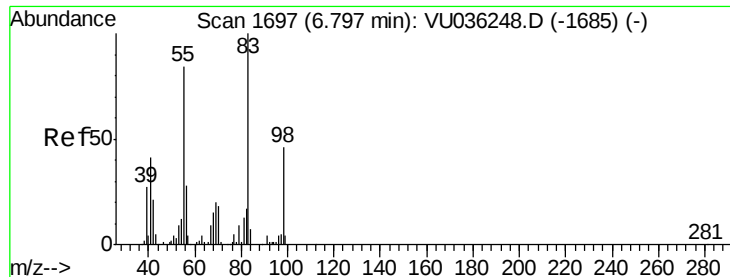
5000

0

Time-->

5.05 5.10 5.15 5.20 5.25

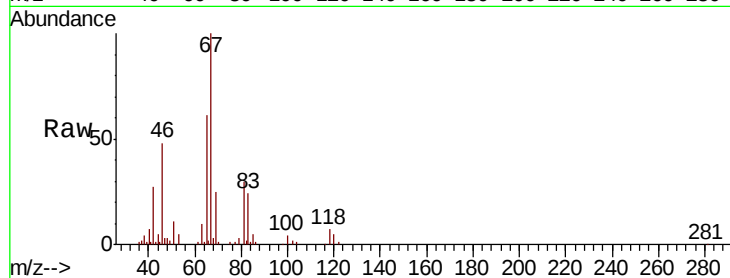




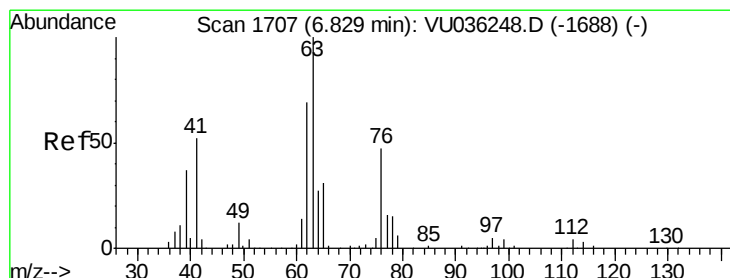
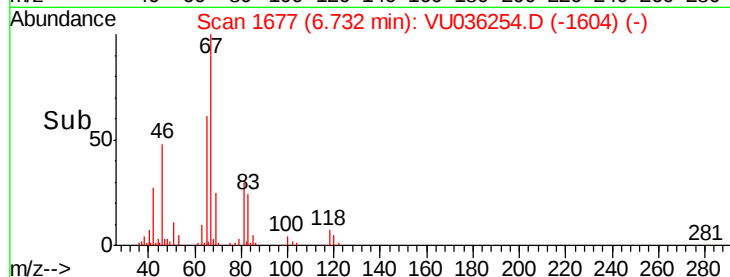
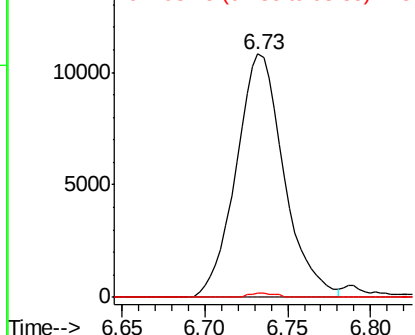
#35
Methylcyclohexane
Concen: 0.738 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.06 min
Lab File: VU036254.D
Acq: 17 Dec 2019 13:19

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 21710
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.9 36.2 54.2#

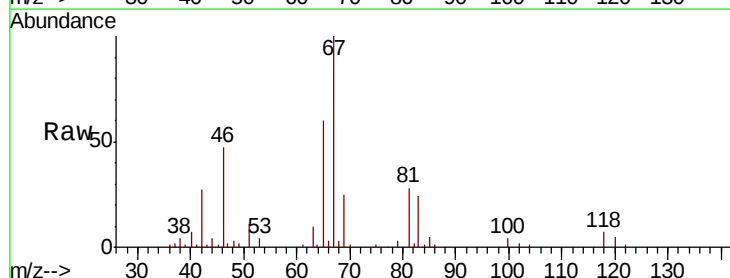


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

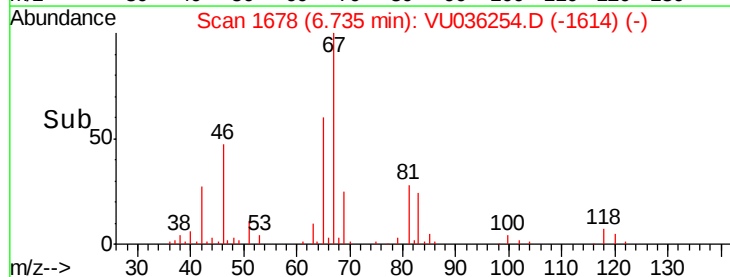
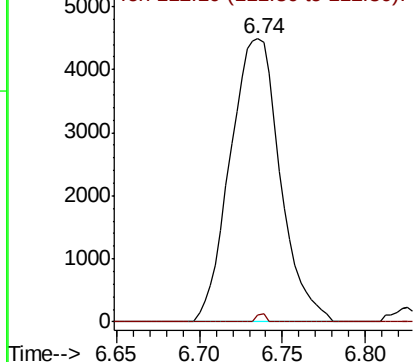


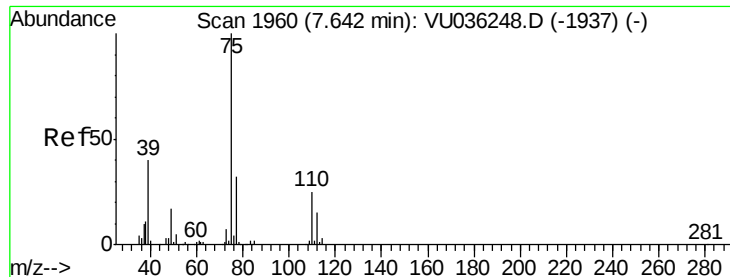
#37
1,2-Dichloropropane
Concen: 0.460 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.09 min
Lab File: VU036254.D
Acq: 17 Dec 2019 13:19

Tgt Ion: 63 Resp: 9417
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.8#



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

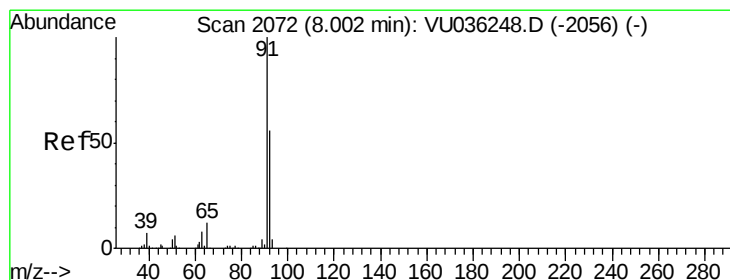
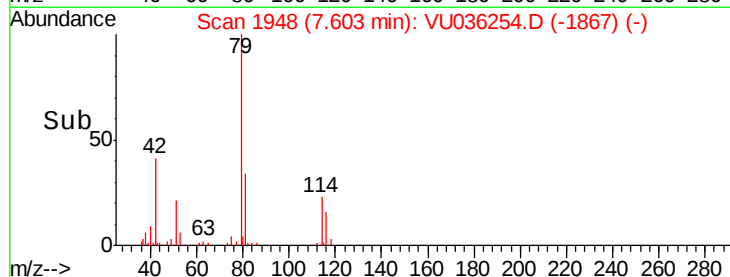
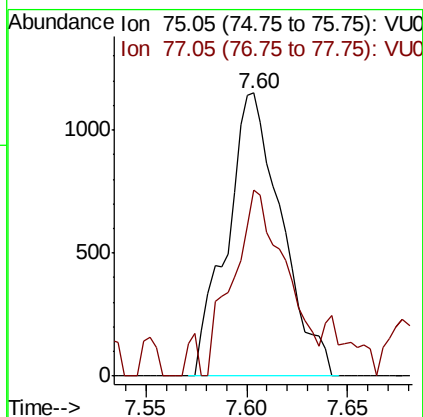
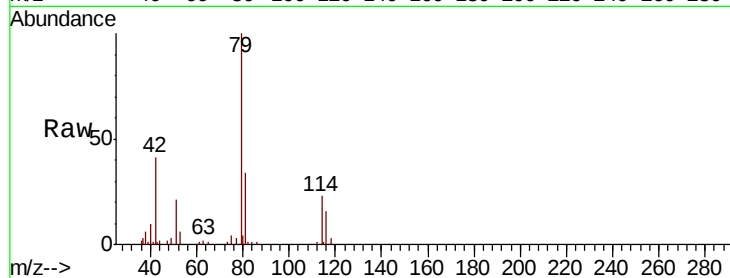




#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036254.D
 Acq: 17 Dec 2019 13:19

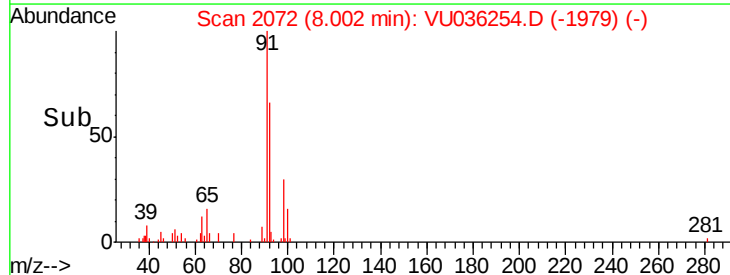
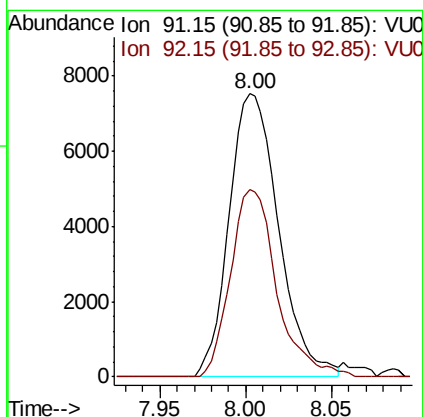
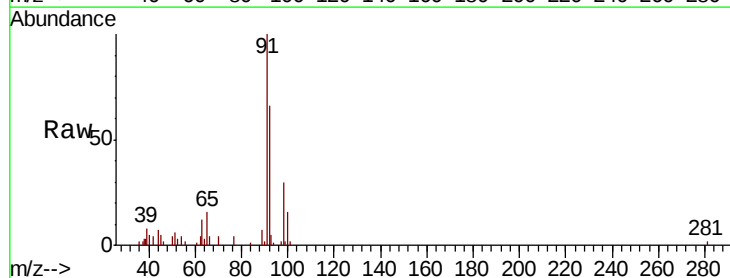
Instrument :
 MSVOA_U
 ClientSampleId :

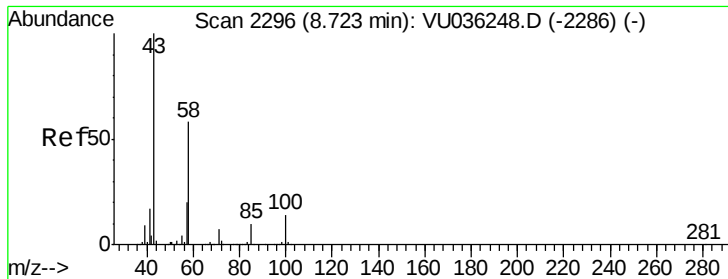
Tot Ion: 75 Resp: 2172
 Ion Ratio Lower Upper
 75 100
 77 65.8 22.7 42.1#



#42
 Toluene
 Concen: 0.175 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VU036254.D
 Acq: 17 Dec 2019 13:19

Tgt Ion: 91 Resp: 15070
 Ion Ratio Lower Upper
 91 100
 92 66.0 41.2 76.6

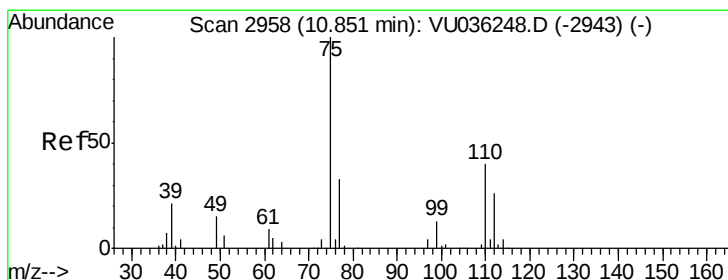
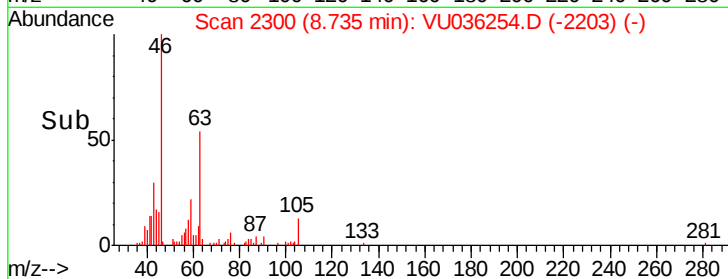
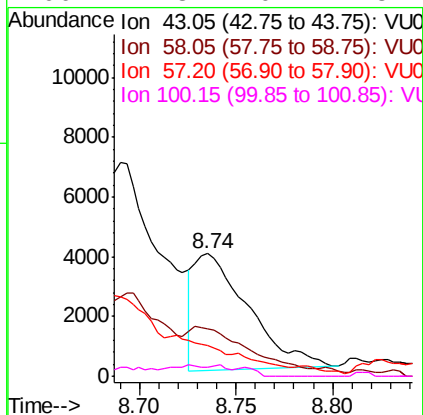
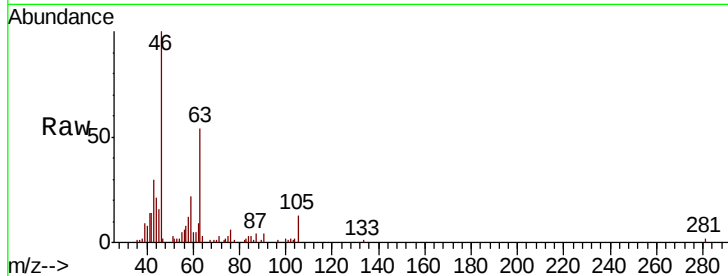




#48
 2-Hexanone
 Concen: 0.950 ug/L
 RT: 8.74 min Scan# 2300
 Delta R.T. 0.01 min
 Lab File: VU036254.D
 Acq: 17 Dec 2019 13:19

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 7592
 Ion Ratio Lower Upper
 43 100
 58 45.3 46.2 69.2#
 57 0.0 16.2 24.4#
 100 1.8 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.695 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU036254.D
 Acq: 17 Dec 2019 13:19

Tgt Ion: 75 Resp: 9464
 Ion Ratio Lower Upper
 75 100
 77 33.7 27.2 40.8

