

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121719\
 Data File : VU036256.D
 Acq On : 17 Dec 2019 14:07
 Operator : JC/MD
 Sample : K6275-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:26:41 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	231669	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259780	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	78093	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	77716	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.93	69	82939	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.59	63	87813	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.68	46	186876	48.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.78%
24) Chloroform-d	5.11	84	120324	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
26) 1,2-Dichloroethane-d4	5.75	65	86278	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.77	84	276556	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.73	67	92657	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.93	98	225285	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	8.21	79	36182	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.69	63	140747	43.48	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.96%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	84831	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	74233	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

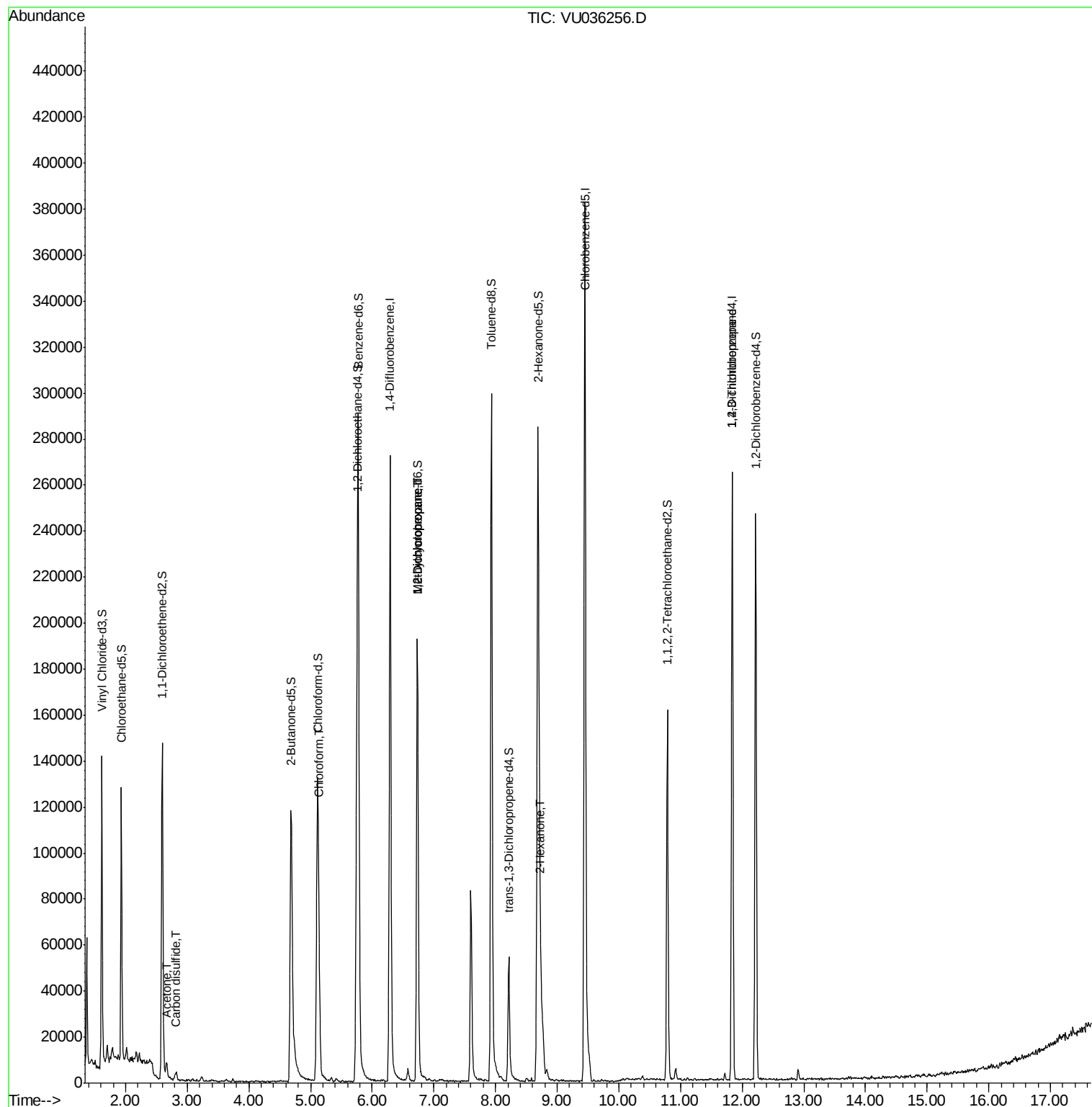
					Ovalue
13) Acetone	2.66	43	7626	2.289	ug/L 86
14) Carbon disulfide	2.82	76	4132	0.072	ug/L 97
25) Chloroform	5.14	83	36305	1.010	ug/L 90
35) Methylcyclohexane	6.73	83	22536	0.770	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	10385	0.510	ug/L # 86
48) 2-Hexanone	8.74	43	8029	1.010	ug/L # 71
59) 1,2,3-Trichloropropane	11.84	75	7928	0.586	ug/L # 84

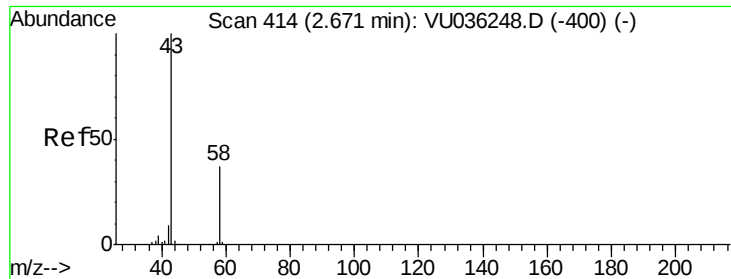
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.289 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU036256.D

Acq: 17 Dec 2019 14:07

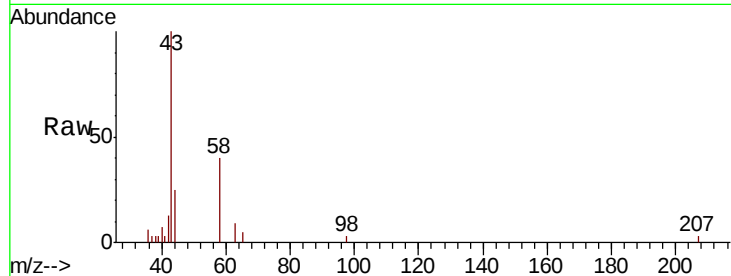
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 7626

Ion Ratio Lower Upper

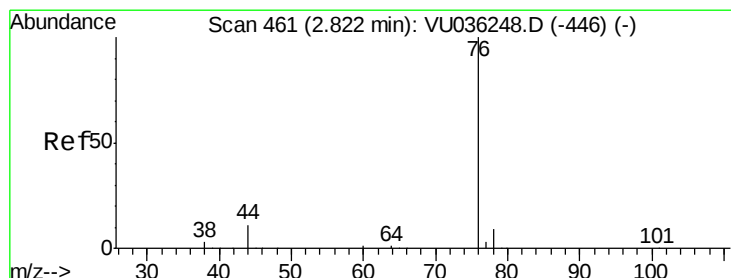
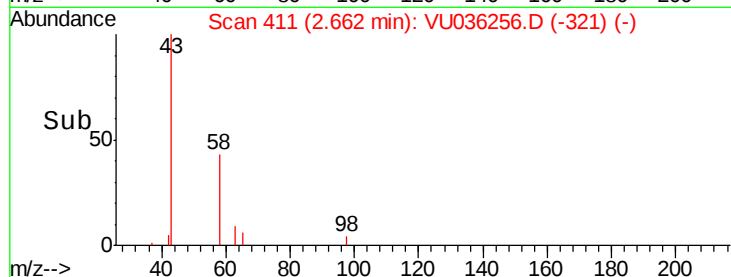
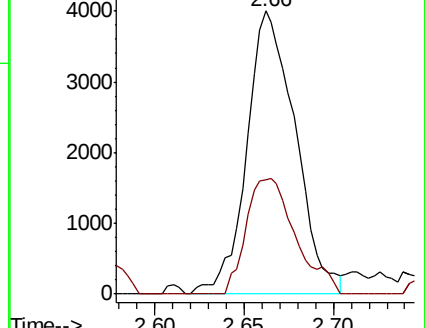
43 100

58 41.6 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) (-)



#14

Carbon disulfide

Concen: 0.072 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036256.D

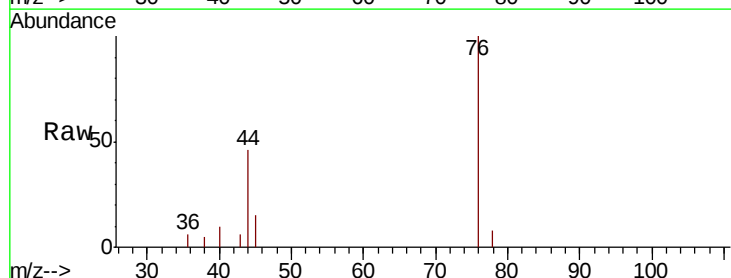
Acq: 17 Dec 2019 14:07

Tgt Ion: 76 Resp: 4132

Ion Ratio Lower Upper

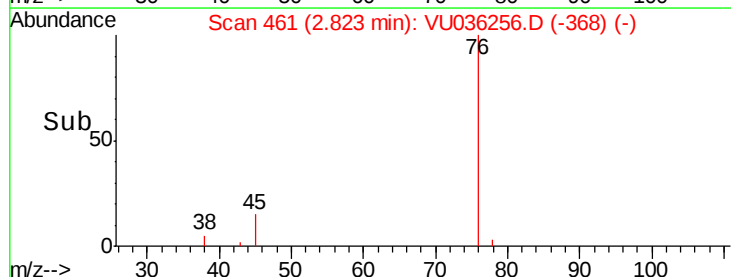
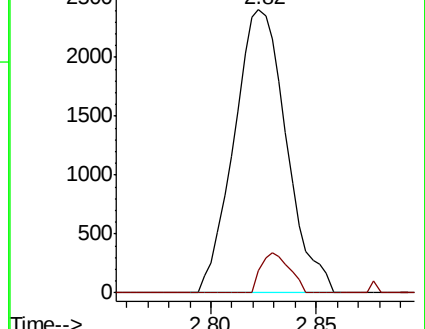
76 100

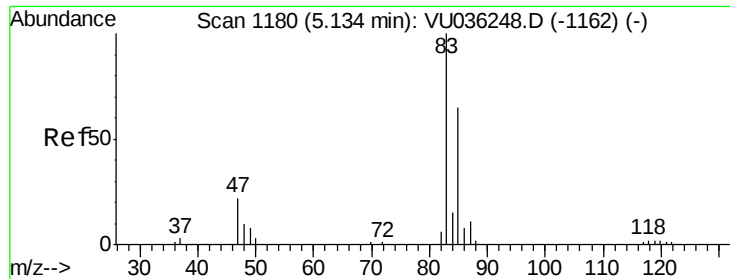
78 7.9 7.1 10.7



Abundance Ion 76.05 (75.75 to 76.75): VU036248.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU036248.D (-446) (-)

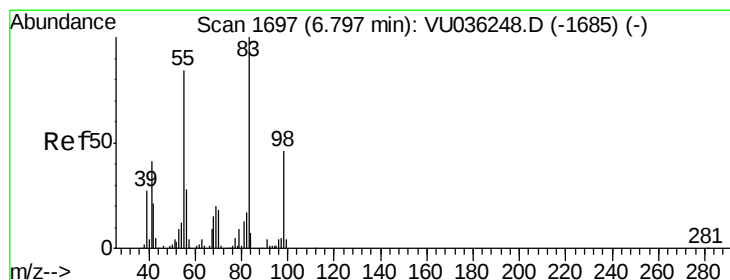
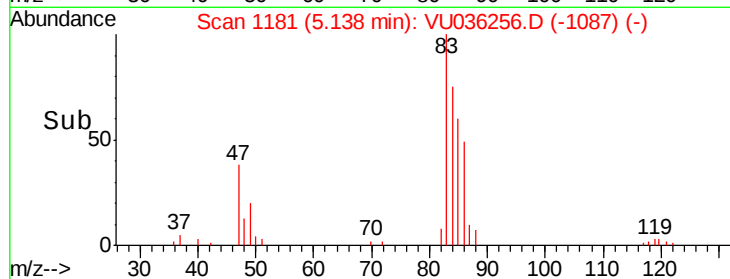
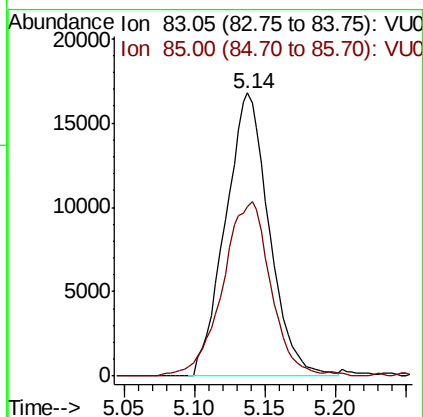
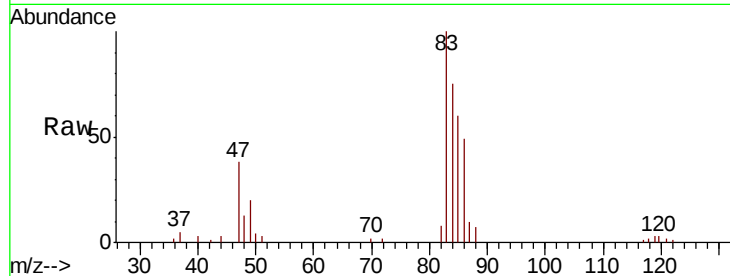




#25
Chloroform
Concen: 1.010 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036256.D
Acq: 17 Dec 2019 14:07

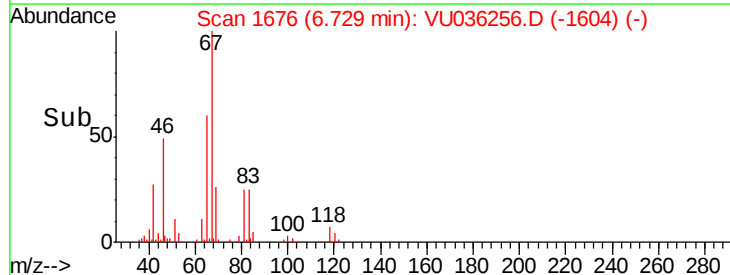
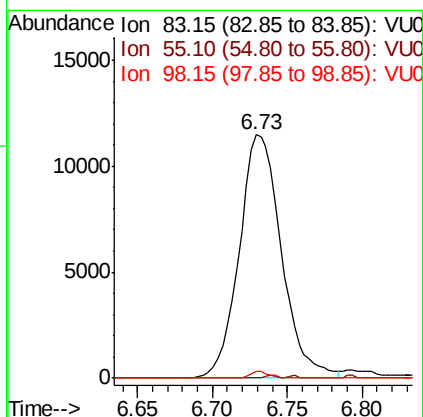
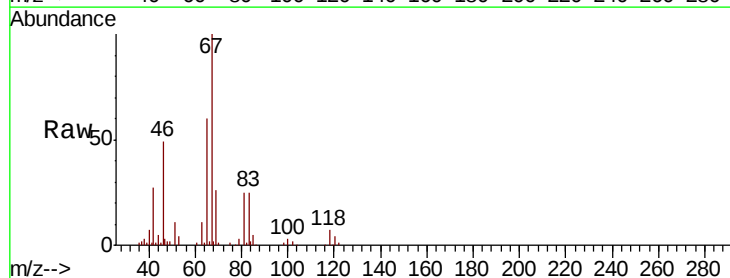
Instrument :
MSVOA_U
ClientSampleId :

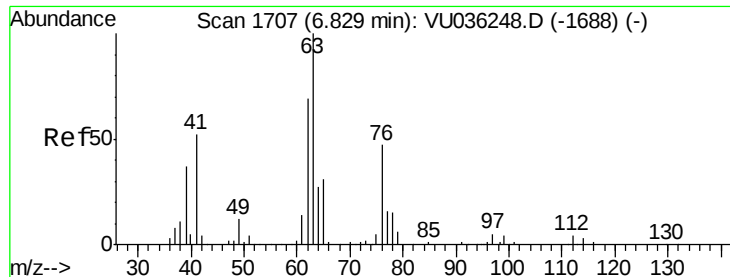
Tot Ion: 83 Resp: 36305
Ion Ratio Lower Upper
83 100
85 60.1 47.5 88.1



#35
Methylcyclohexane
Concen: 0.770 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036256.D
Acq: 17 Dec 2019 14:07

Tgt Ion: 83 Resp: 22536
Ion Ratio Lower Upper
83 100
55 0.3 62.6 94.0#
98 1.2 36.2 54.2#

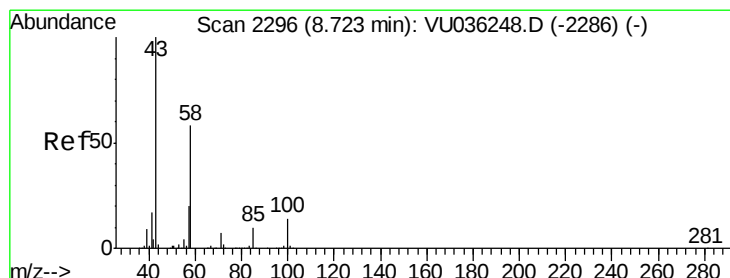
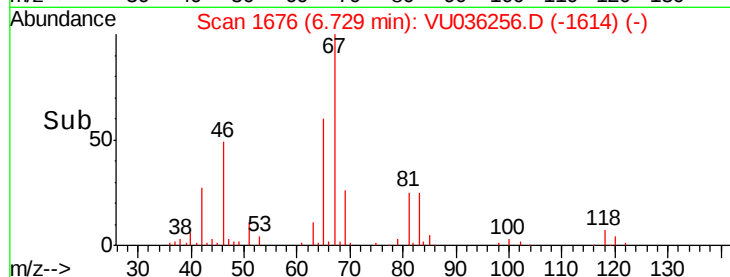
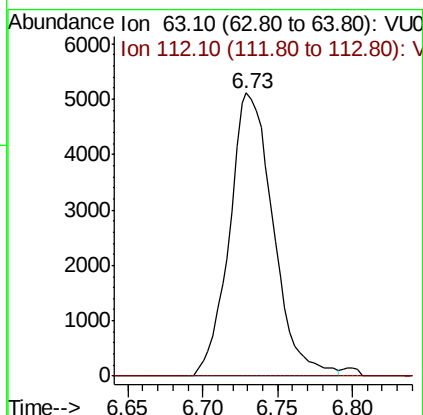
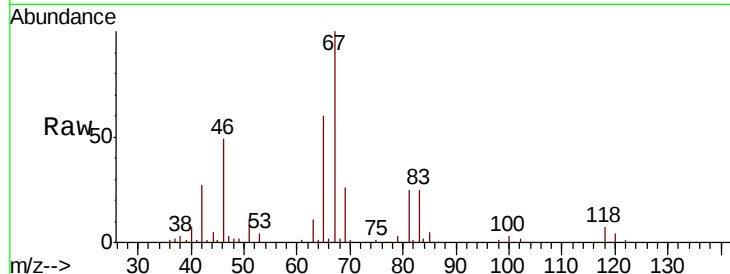




#37
 1,2-Dichloropropane
 Concen: 0.510 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036256.D
 Acq: 17 Dec 2019 14:07

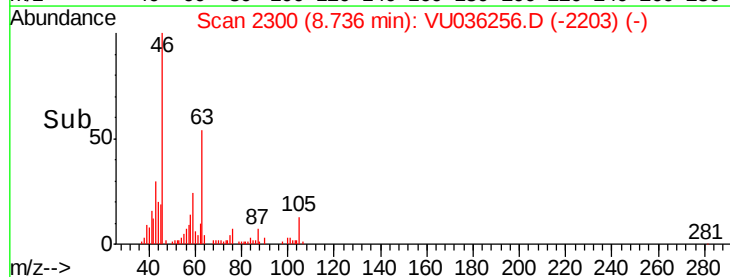
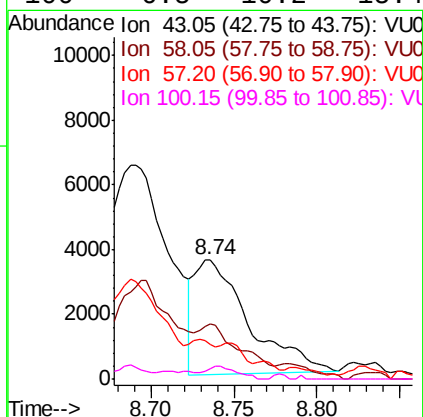
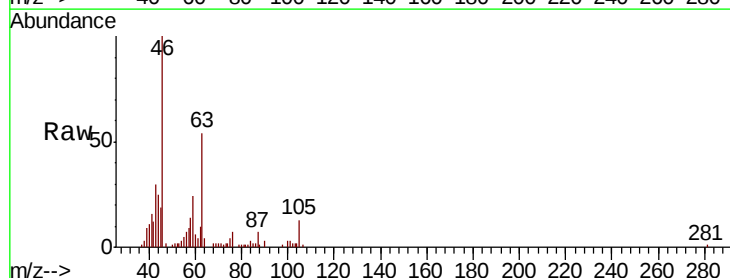
Instrument :
 MSVOA_U
 ClientSampled :

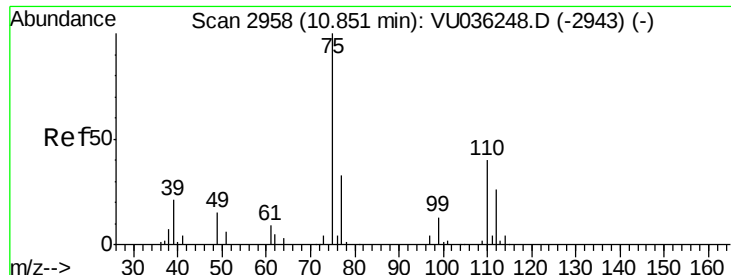
Tot Ion: 63 Resp: 10385
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.8#



#48
 2-Hexanone
 Concen: 1.010 ug/L
 RT: 8.74 min Scan# 2300
 Delta R.T. 0.01 min
 Lab File: VU036256.D
 Acq: 17 Dec 2019 14:07

Tgt Ion: 43 Resp: 8029
 Ion Ratio Lower Upper
 43 100
 58 37.8 46.2 69.2#
 57 0.0 16.2 24.4#
 100 6.5 10.2 15.4#





#59
 1,2,3-Trichloropropane
 Concen: 0.586 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036256.D
 Acq: 17 Dec 2019 14:07

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 7928
 Ion Ratio Lower Upper
 75 100
 77 42.9 27.2 40.8#

