

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\
 Data File : VU036098.D
 Acq On : 10 Dec 2019 22:01
 Operator : JC/MD
 Sample : VV1210WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 07:33:15 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	293856	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	324975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	107797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	151054	5.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.40%
7) Chloroethane-d5	1.93	69	135631	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.59	63	155644	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.70	46	278954	62.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.00%
24) Chloroform-d	5.12	84	217631	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.75	65	117320	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.77	84	432326	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.73	67	139283	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.94	98	348183	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.21	79	49710	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.68	63	223587	59.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.54%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	117693	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	118769	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

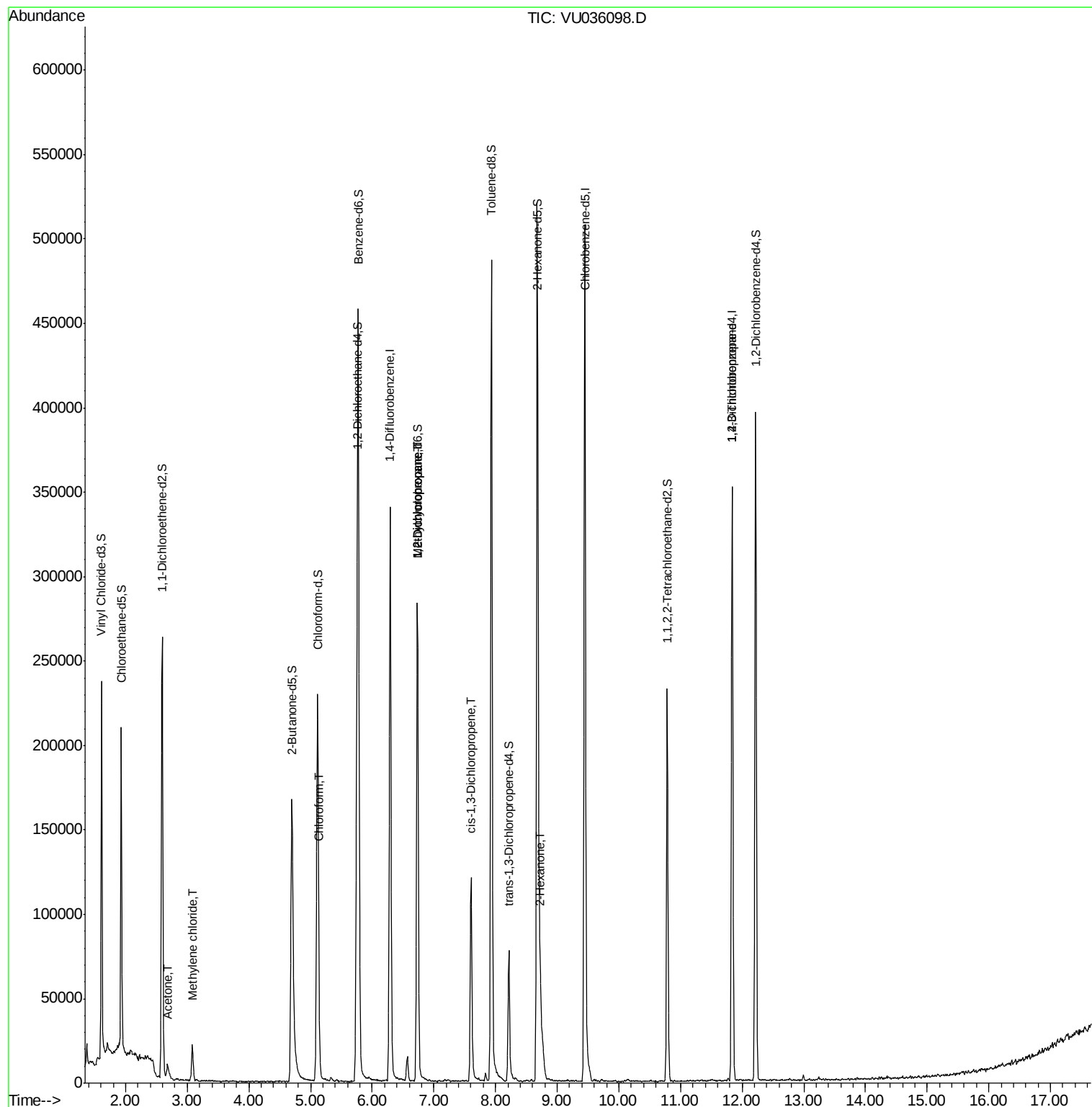
					Ovalue
13) Acetone	2.68	43	10723	1.893 ug/L	95
16) Methylene chloride	3.09	84	10494	0.353 ug/L	90
25) Chloroform	5.14	83	8261	0.189 ug/L	98
35) Methylcyclohexane	6.74	83	34699	1.097 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	14925	0.670 ug/L #	85
39) cis-1,3-Dichloropropene	7.61	75	3281	0.108 ug/L #	57
48) 2-Hexanone	8.73	43	13431	1.609 ug/L #	79
59) 1,2,3-Trichloropropane	11.84	75	12469	0.783 ug/L	94

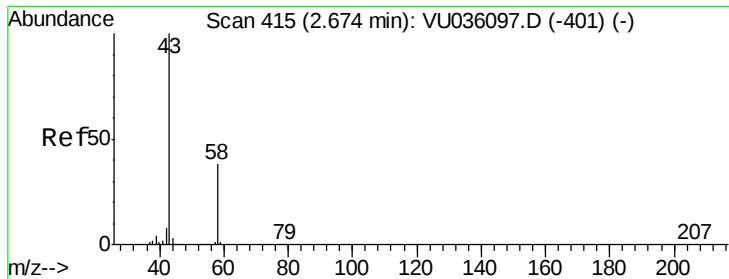
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 11 07:30:58 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.893 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU036098.D

Acq: 10 Dec 2019 22:01

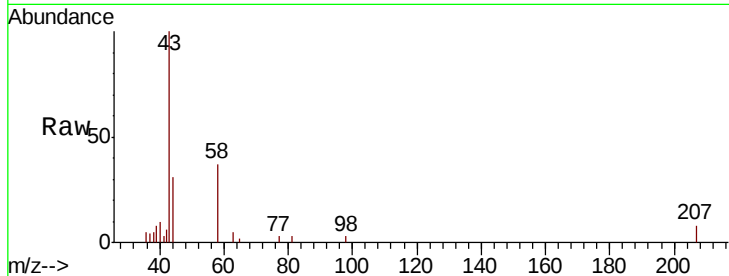
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 10723

Ion Ratio Lower Upper

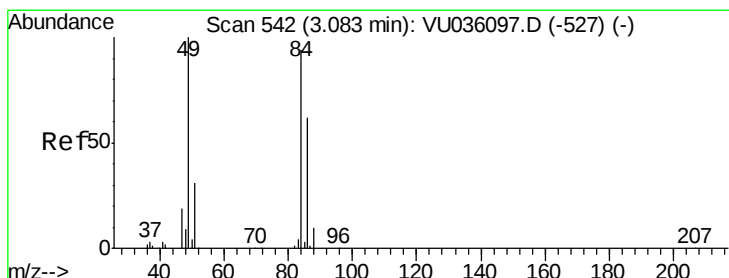
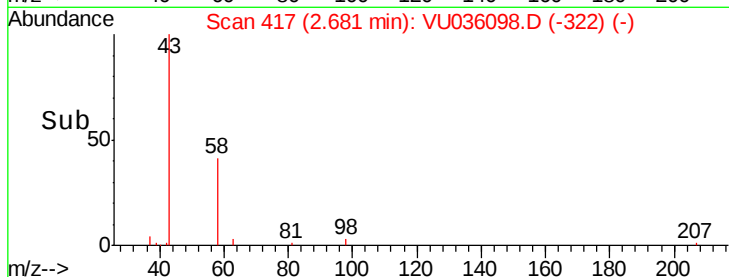
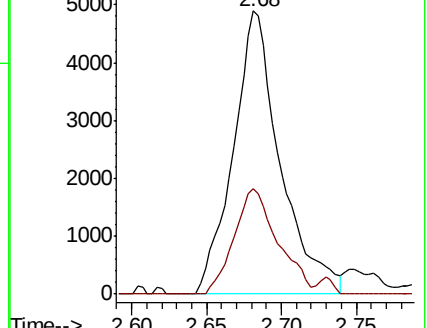
43 100

58 34.4 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036097.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036097.D (-401) (-)



#16

Methylene chloride

Concen: 0.353 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU036098.D

Acq: 10 Dec 2019 22:01

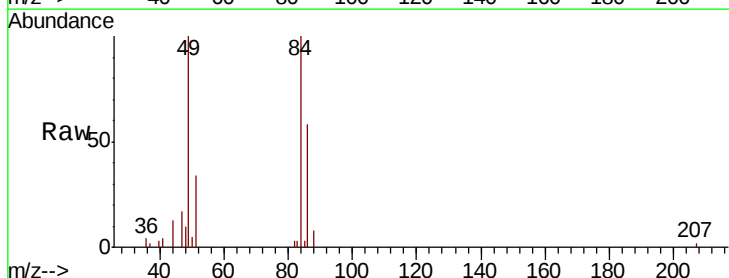
Tgt Ion: 84 Resp: 10494

Ion Ratio Lower Upper

84 100

86 58.0 47.5 88.3

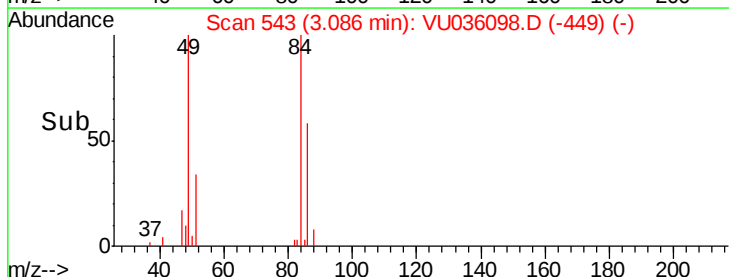
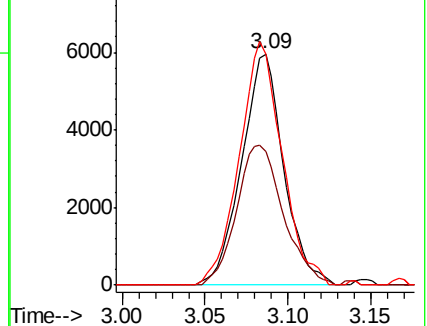
49 100.1 76.9 142.9

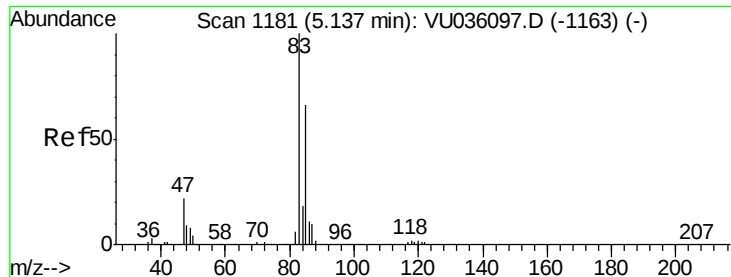


Abundance Ion 84.05 (83.75 to 84.75): VU036097.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU036097.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU036097.D (-527) (-)





#25

Chloroform

Concen: 0.189 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU036098.D

Acq: 10 Dec 2019 22:01

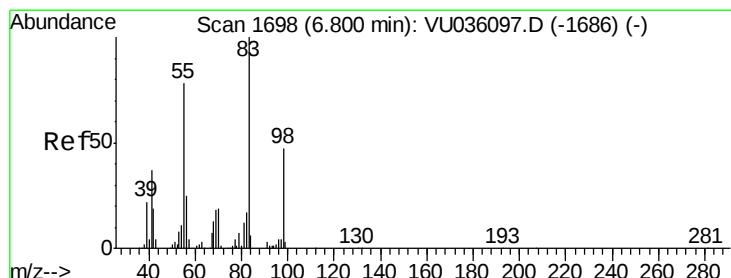
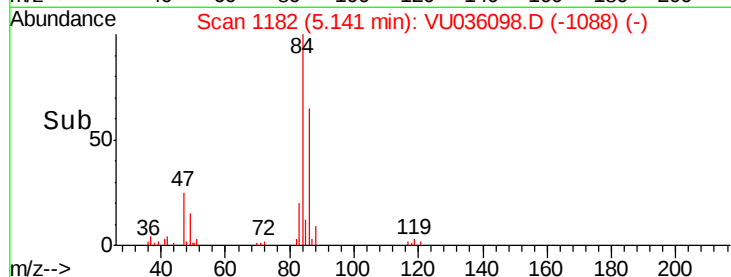
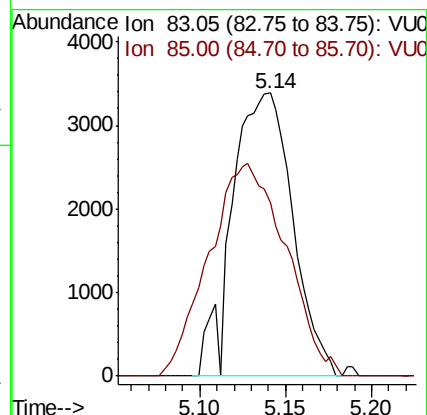
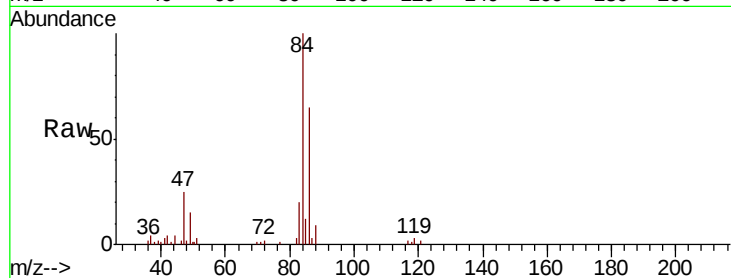
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 8261

Ion Ratio Lower Upper

83 100

85 61.2 43.9 81.5



#35

Methylcyclohexane

Concen: 1.097 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU036098.D

Acq: 10 Dec 2019 22:01

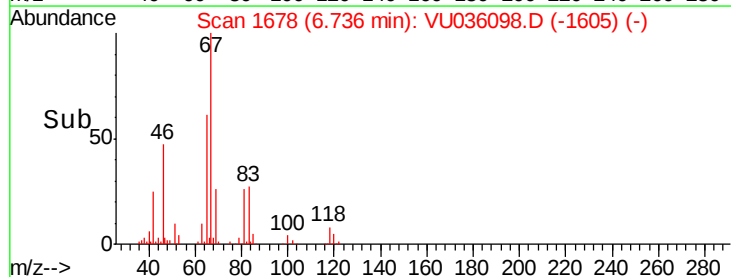
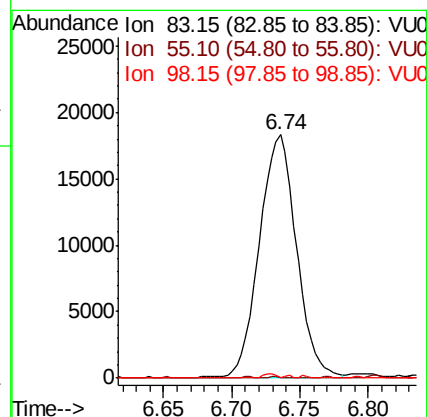
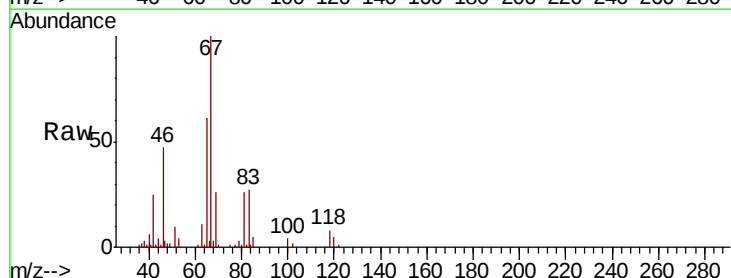
Tgt Ion: 83 Resp: 34699

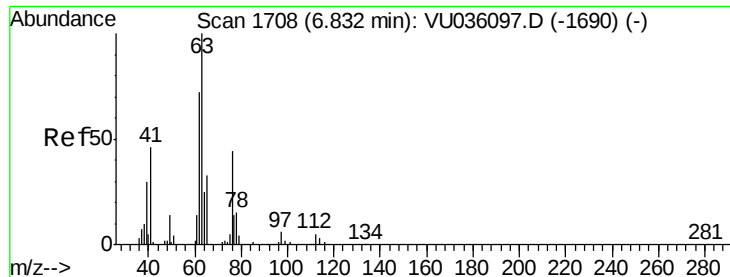
Ion Ratio Lower Upper

83 100

55 0.1 62.1 93.1#

98 0.6 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.670 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036098.D

Acq: 10 Dec 2019 22:01

Instrument :

MSVOA_U

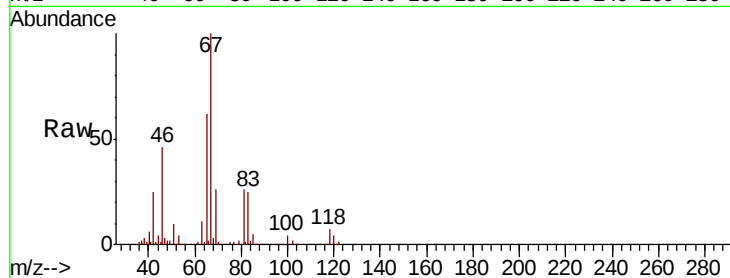
ClientSampleId :

Tot Ion: 63 Resp: 14925

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU036097.D (-1690) (-)

Ion 112.10 (111.80 to 112.80): VU036097.D (-1690) (-)

6.73

8000

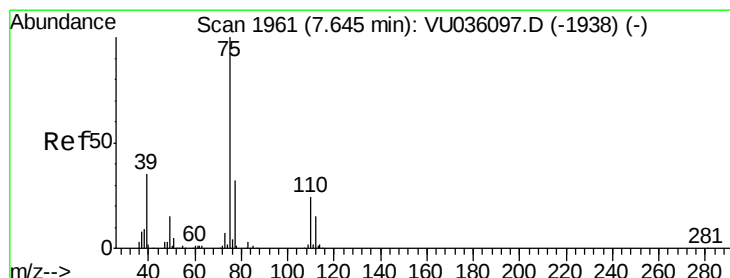
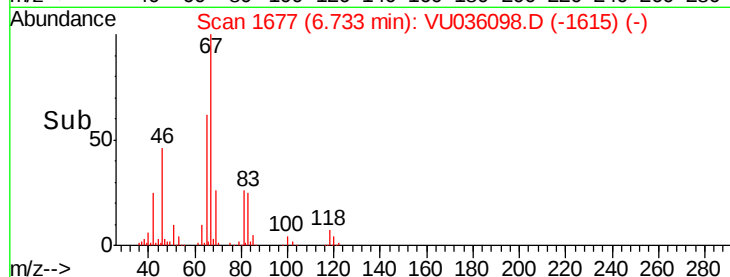
6000

4000

2000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU036098.D

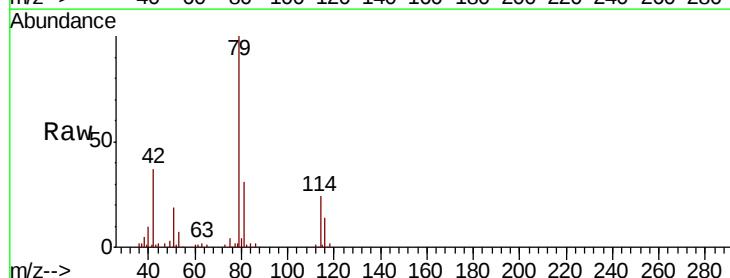
Acq: 10 Dec 2019 22:01

Tgt Ion: 75 Resp: 3281

Ion Ratio Lower Upper

75 100

77 54.8 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU036097.D (-1938) (-)

Ion 77.05 (76.75 to 77.75): VU036097.D (-1938) (-)

7.61

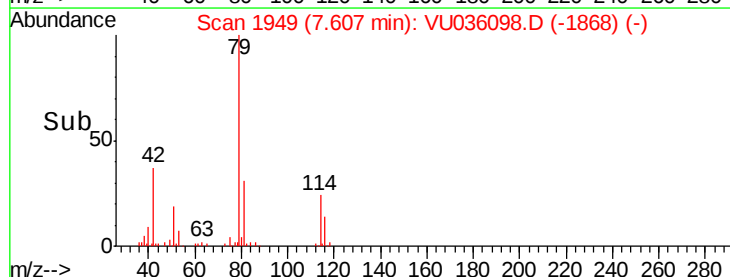
1500

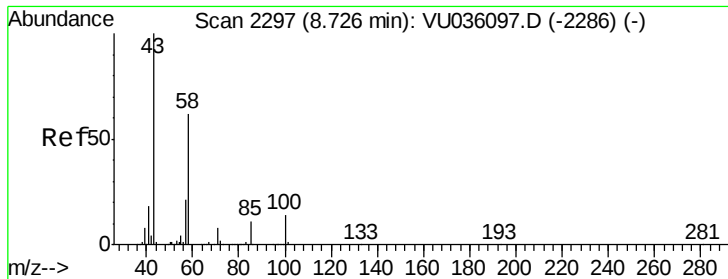
1000

500

0

Time-->

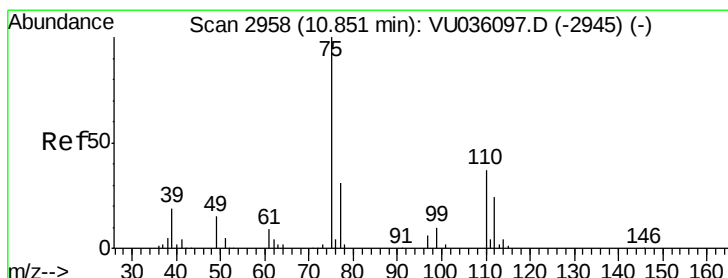
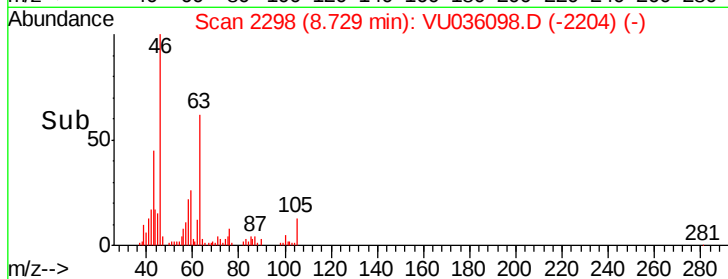
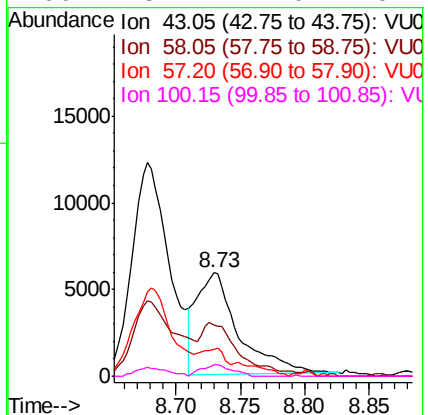
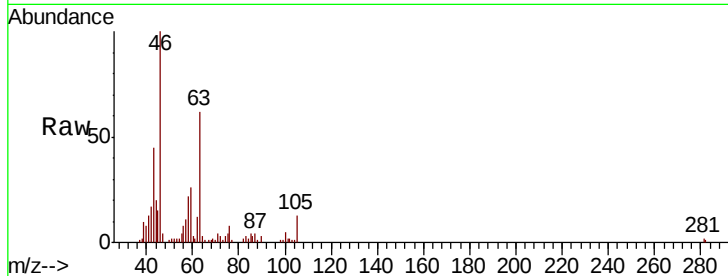




#48
2-Hexanone
Concen: 1.609 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. 0.00 min
Lab File: VU036098.D
Acq: 10 Dec 2019 22:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 13431
Ion Ratio Lower Upper
43 100
58 38.3 46.9 70.3#
57 24.0 16.4 24.6
100 8.2 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 0.783 ug/L
RT: 11.84 min Scan# 3264
Delta R.T. 0.98 min
Lab File: VU036098.D
Acq: 10 Dec 2019 22:01

Tgt Ion: 75 Resp: 12469
Ion Ratio Lower Upper
75 100
77 37.0 26.7 40.1

