

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121719\
 Data File : VU036257.D
 Acq On : 17 Dec 2019 14:31
 Operator : JC/MD
 Sample : K6281-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:26:48 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	232734	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259333	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	76497	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	81901	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.93	69	80780	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.59	63	89066	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.69	46	184558	48.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.14%
24) Chloroform-d	5.11	84	123693	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.00%
26) 1,2-Dichloroethane-d4	5.75	65	85829	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.77	84	271810	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.73	67	95154	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.93	98	222379	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	8.22	79	35646	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.69	63	137926	42.68	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.36%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	84062	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	73978	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

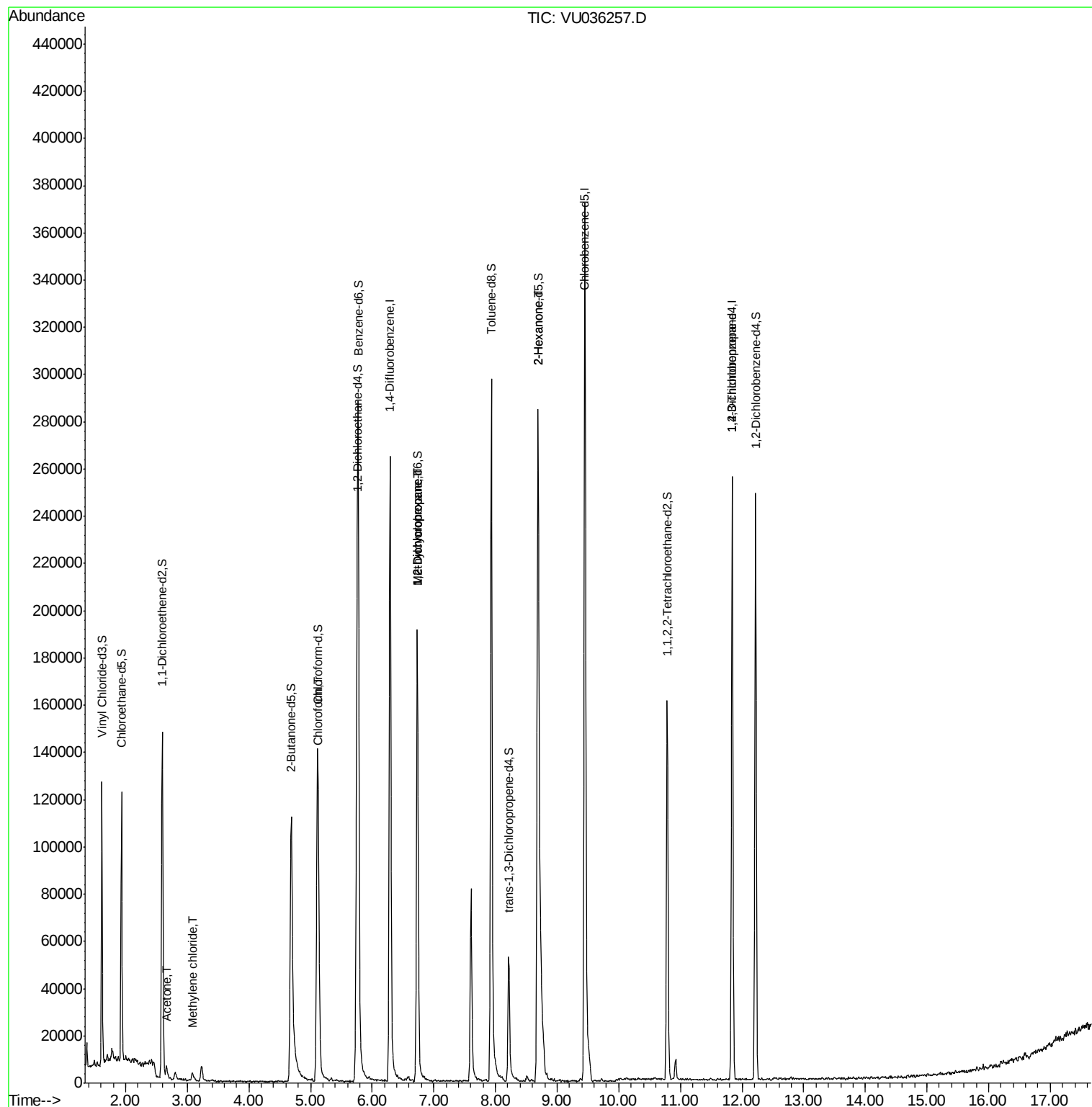
					Ovalue
13) Acetone	2.66	43	4582	1.369 ug/L	95
16) Methylene chloride	3.09	84	1583	0.062 ug/L	80
25) Chloroform	5.13	83	31249	0.865 ug/L	98
35) Methylcyclohexane	6.73	83	23166	0.793 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	10481	0.515 ug/L #	87
48) 2-Hexanone	8.69	43	14993	1.889 ug/L #	64
59) 1,2,3-Trichloropropane	11.84	75	9228	0.683 ug/L	98

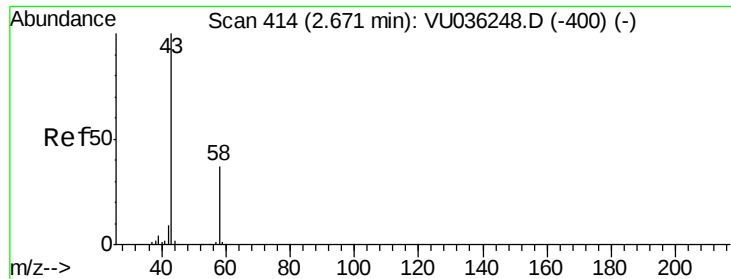
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 18 01:23:38 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.369 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU036257.D

Acq: 17 Dec 2019 14:31

Instrument :

MSVOA_U

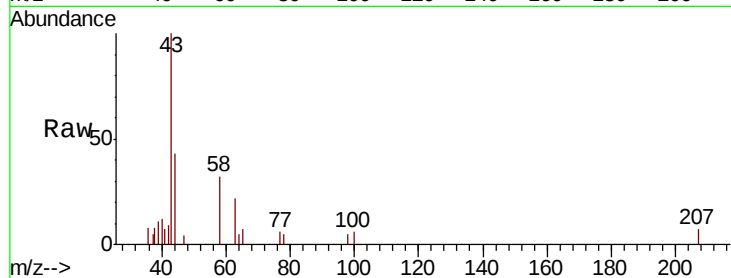
ClientSampled :

Tot Ion: 43 Resp: 4582

Ion Ratio Lower Upper

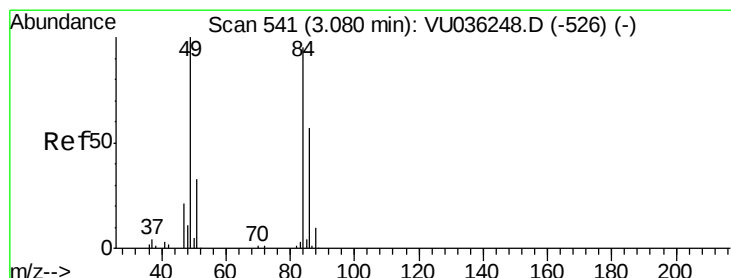
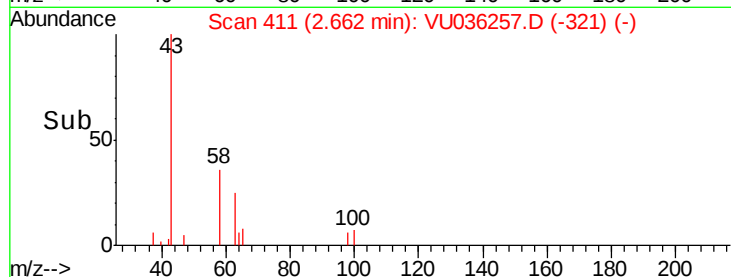
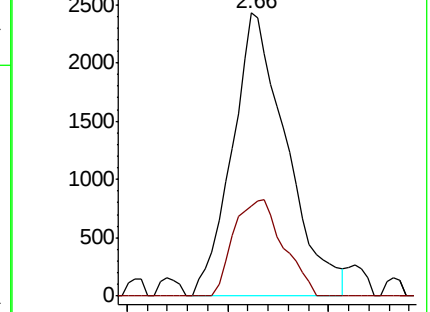
43 100

58 31.0 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) (-)



#16

Methylene chloride

Concen: 0.062 ug/L

RT: 3.09 min Scan# 544

Delta R.T. 0.01 min

Lab File: VU036257.D

Acq: 17 Dec 2019 14:31

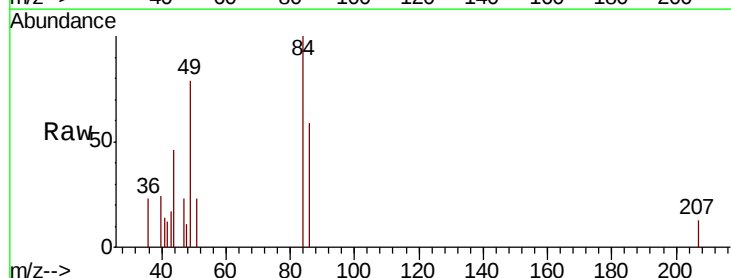
Tgt Ion: 84 Resp: 1583

Ion Ratio Lower Upper

84 100

86 59.1 43.0 79.8

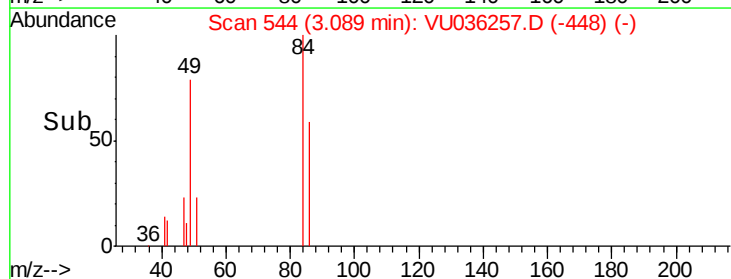
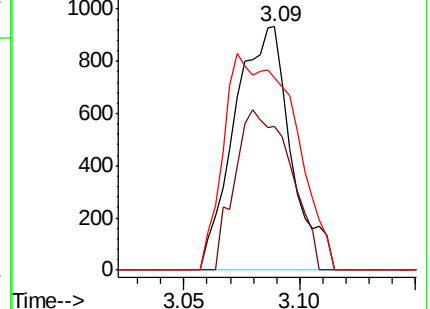
49 79.0 77.3 143.5

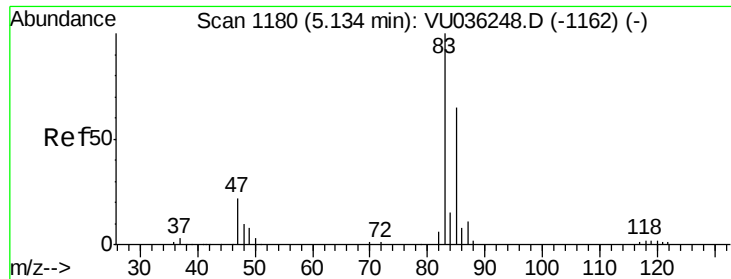


Abundance Ion 84.05 (83.75 to 84.75): VU036248.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU036248.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU036248.D (-526) (-)

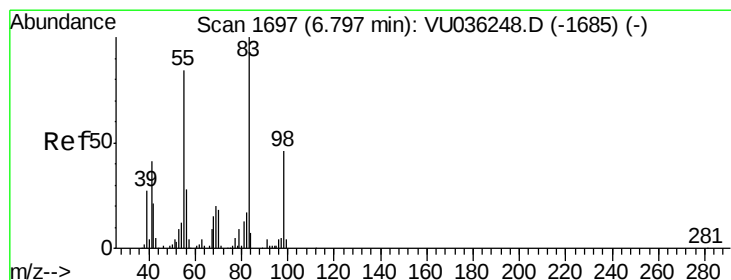
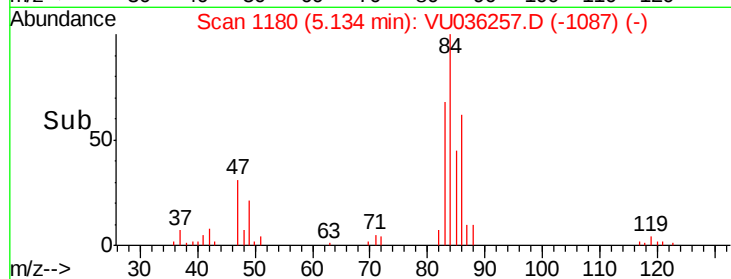
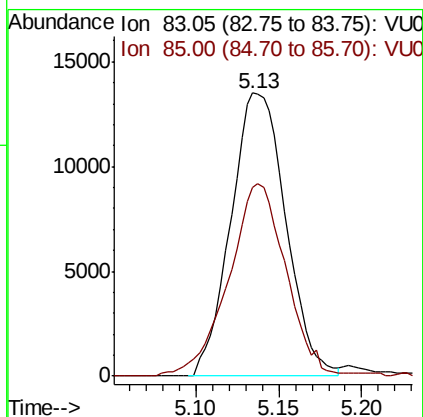
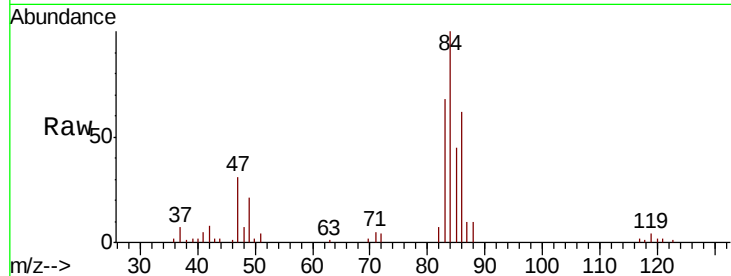




#25
Chloroform
Concen: 0.865 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036257.D
Acq: 17 Dec 2019 14:31

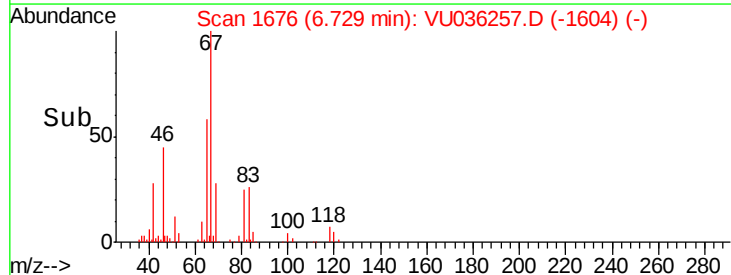
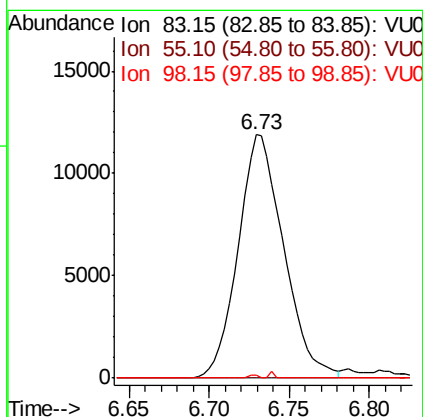
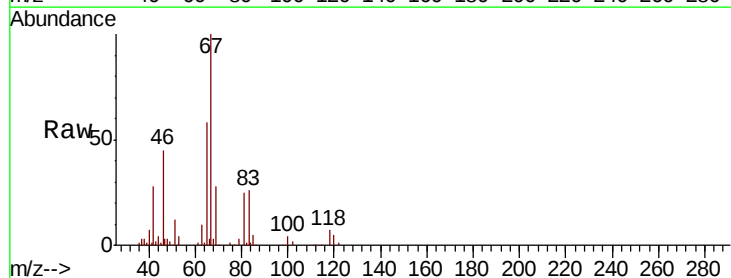
Instrument :
MSVOA_U
ClientSampleId :

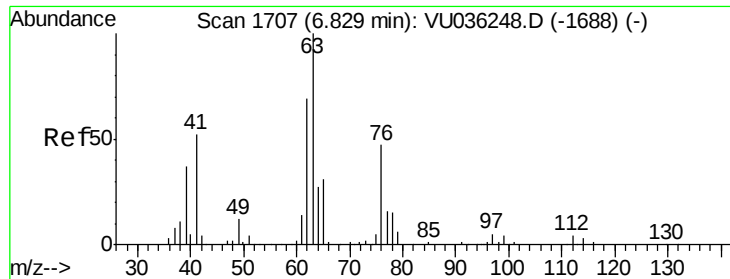
Tot Ion: 83 Resp: 31249
Ion Ratio Lower Upper
83 100
85 66.5 47.5 88.1



#35
Methylcyclohexane
Concen: 0.793 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036257.D
Acq: 17 Dec 2019 14:31

Tgt Ion: 83 Resp: 23166
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.2 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.09 min

Lab File: VU036257.D

Acq: 17 Dec 2019 14:31

Instrument :

MSVOA_U

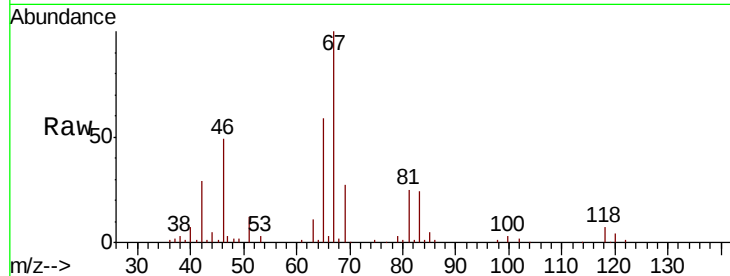
ClientSampleId :

Tot Ion: 63 Resp: 10481

Ion Ratio Lower Upper

63 100

112 0.4 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU036248.D (-1688) (-)

Ion 112.10 (111.80 to 112.80): VU036248.D (-1688) (-)

6.74

5000

4000

3000

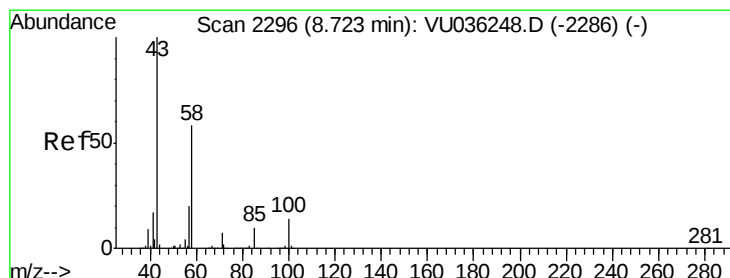
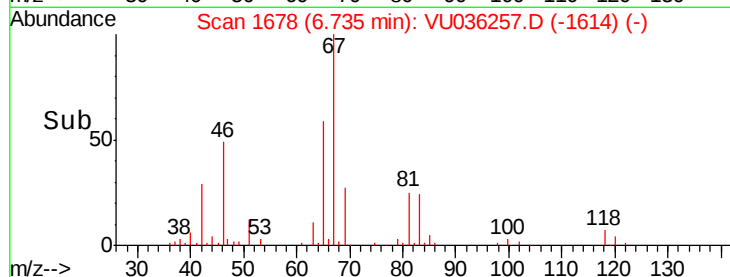
2000

1000

0

6.65 6.70 6.75 6.80

Time-->



#48

2-Hexanone

Concen: 1.889 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. -0.03 min

Lab File: VU036257.D

Acq: 17 Dec 2019 14:31

Tgt Ion: 43 Resp: 14993

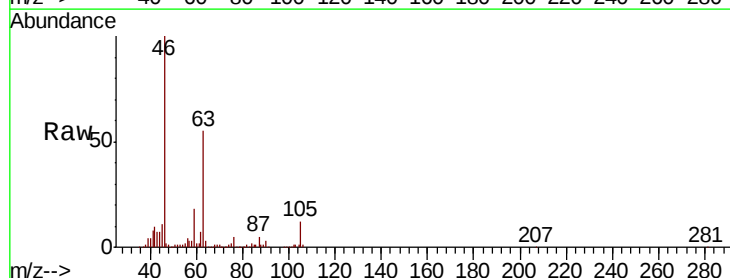
Ion Ratio Lower Upper

43 100

58 31.6 46.2 69.2#

57 40.3 16.2 24.4#

100 2.2 10.2 15.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036248.D (-2286) (-)

Ion 58.05 (57.75 to 58.75): VU036248.D (-2286) (-)

Ion 57.20 (56.90 to 57.90): VU036248.D (-2286) (-)

Ion 100.15 (99.85 to 100.85): VU036248.D (-2286) (-)

8.69

10000

8000

6000

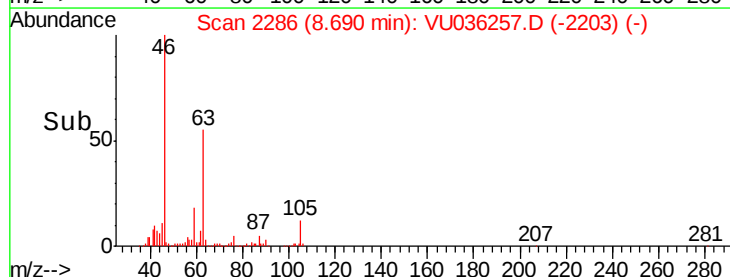
4000

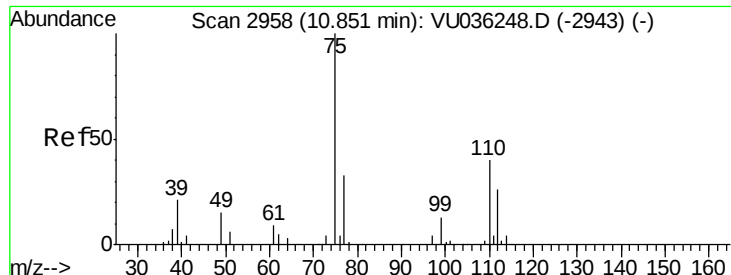
2000

0

8.65 8.70

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.683 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036257.D

Acq: 17 Dec 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 9228

Ion Ratio Lower Upper

75 100

77 35.4 27.2 40.8

