

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036080.D
 Acq On : 10 Dec 2019 13:25
 Operator : JC/MD
 Sample : K6105-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 06:30:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 06:27:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	322594	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	351780	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	93901	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	139920	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.93	69	128456	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.59	63	155738	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.69	46	236948	48.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.72%
24) Chloroform-d	5.11	84	208755	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.75	65	117446	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.77	84	436352	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.73	67	134639	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.93	98	354279	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.21	79	51189	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.70	63	198437	49.00	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.00%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	118366	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	93489	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

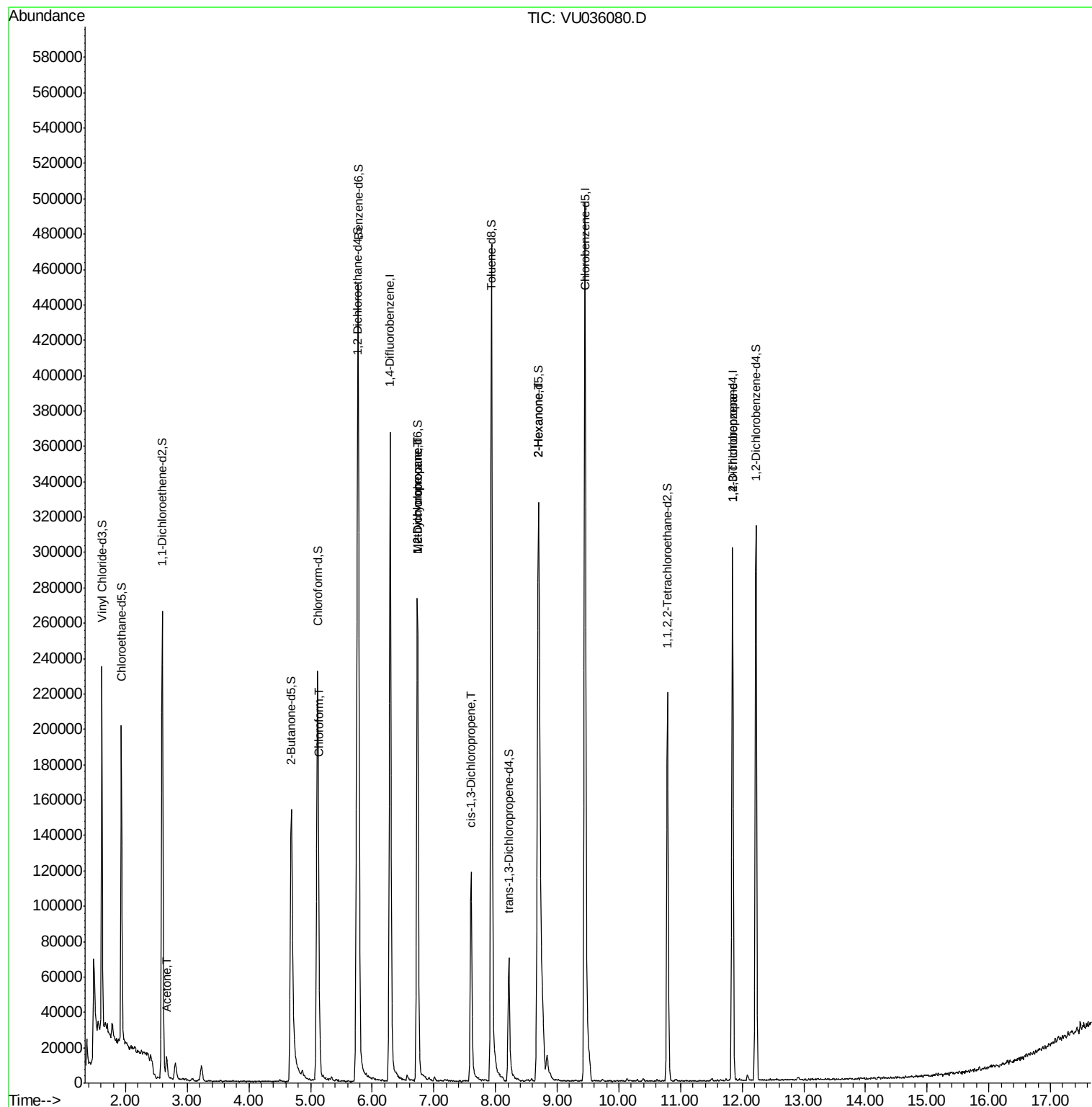
					Ovalue
13) Acetone	2.66	43	11788	1.895	ug/L 93
25) Chloroform	5.14	83	19382	0.405	ug/L 96
35) Methylcyclohexane	6.74	83	33052	0.965	ug/L # 19
37) 1,2-Dichloropropane	6.74	63	13820	0.573	ug/L # 86
39) cis-1,3-Dichloropropene	7.60	75	3299	0.101	ug/L # 52
48) 2-Hexanone	8.70	43	32910	3.642	ug/L # 64
59) 1,2,3-Trichloropropane	11.84	75	9483	0.550	ug/L 93

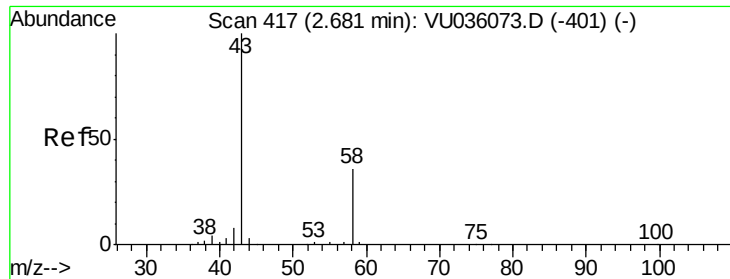
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.895 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036080.D

Acq: 10 Dec 2019 13:25

Instrument :

MSVOA_U

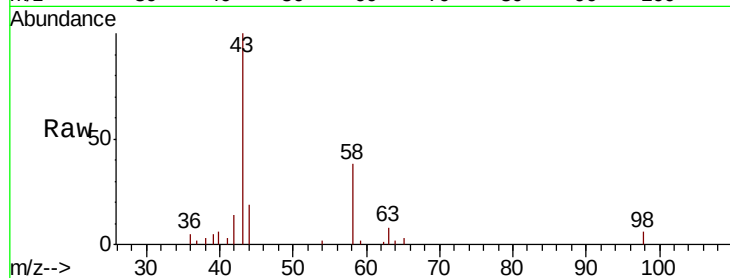
ClientSampleId :

Tot Ion: 43 Resp: 11788

Ion Ratio Lower Upper

43 100

58 41.3 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036073.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036073.D (-401) (-)

2.66

6000

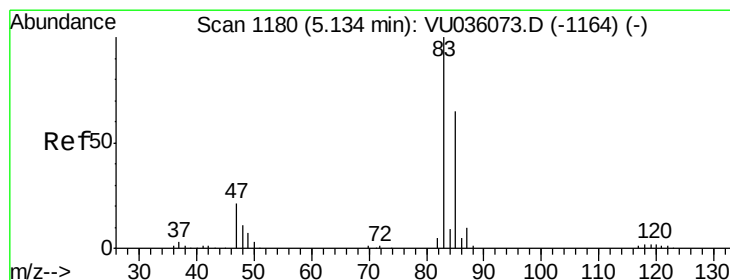
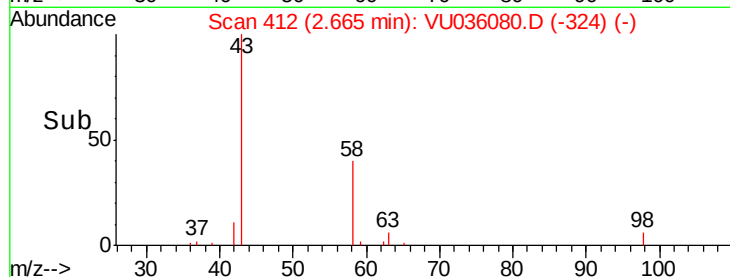
4000

2000

0

Time-->

2.60 2.65 2.70



#25

Chloroform

Concen: 0.405 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU036080.D

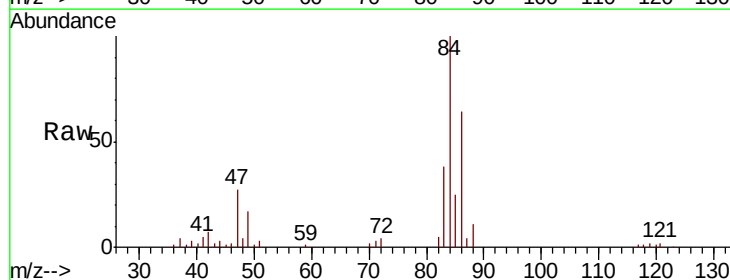
Acq: 10 Dec 2019 13:25

Tgt Ion: 83 Resp: 19382

Ion Ratio Lower Upper

83 100

85 65.7 43.9 81.5



Abundance Ion 83.05 (82.75 to 83.75): VU036073.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU036073.D (-1164) (-)

5.14

10000

8000

6000

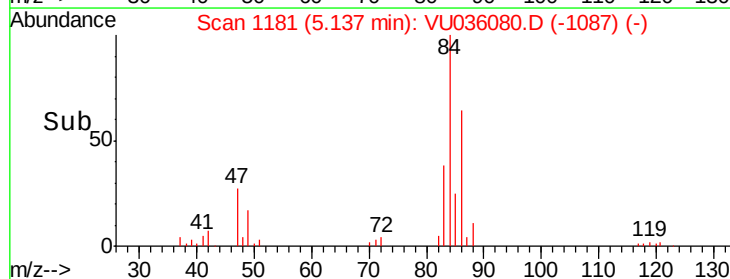
4000

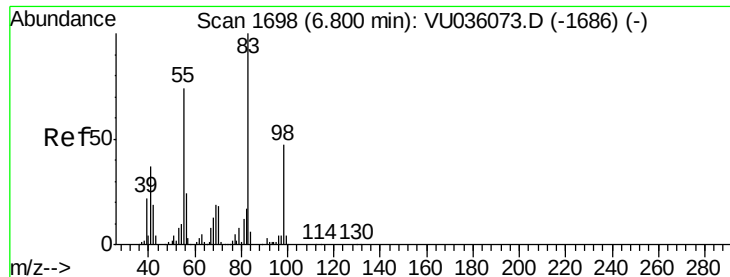
2000

0

Time-->

5.10 5.15 5.20

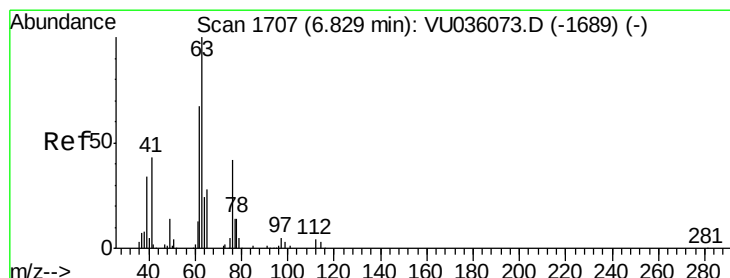
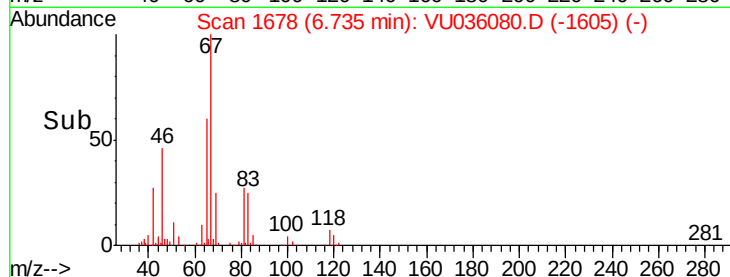
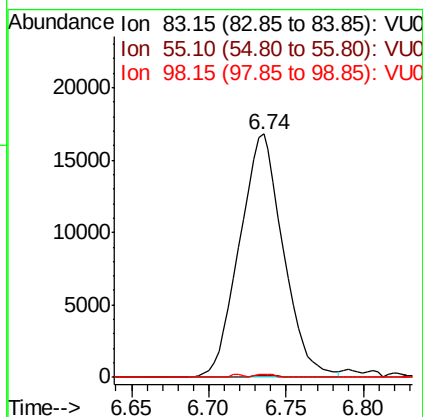
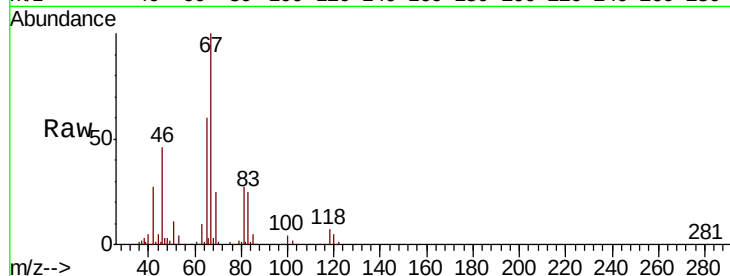




#35
Methylvlcyclohexane
Concen: 0.965 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU036080.D
Acq: 10 Dec 2019 13:25

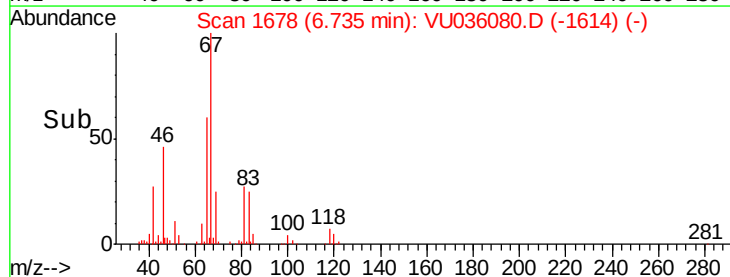
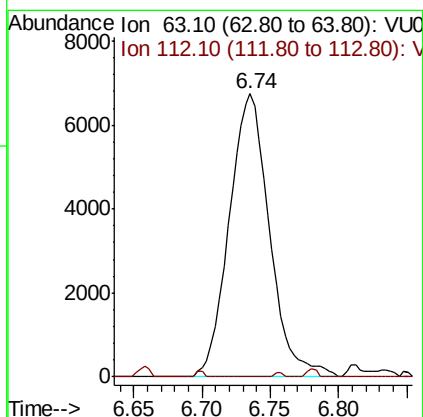
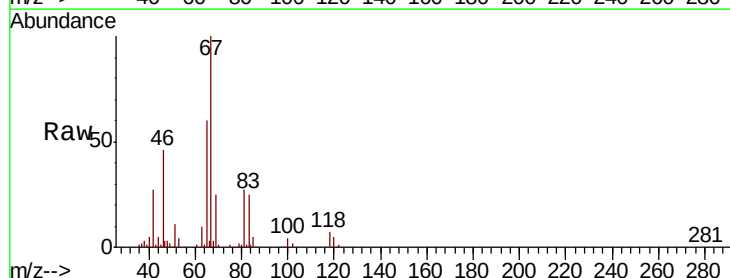
Instrument :
MSVOA_U
ClientSampleId :

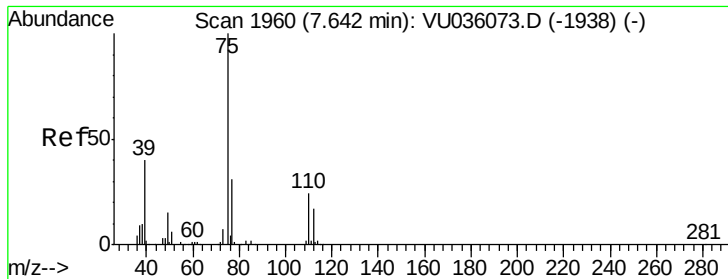
Tot Ion: 83 Resp: 33052
Ion Ratio Lower Upper
83 100
55 0.4 62.1 93.1#
98 0.6 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.09 min
Lab File: VU036080.D
Acq: 10 Dec 2019 13:25

Tgt Ion: 63 Resp: 13820
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#



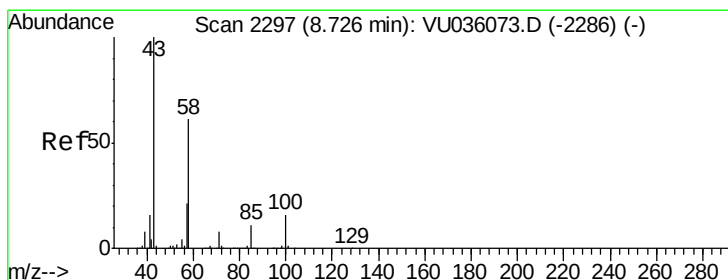
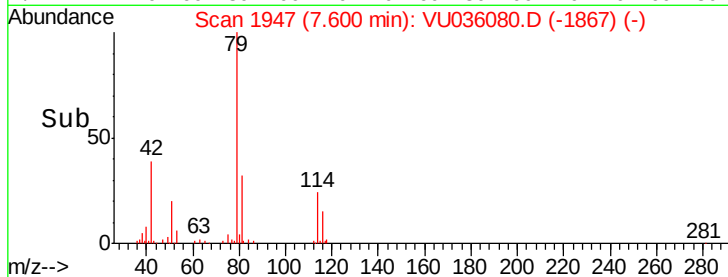
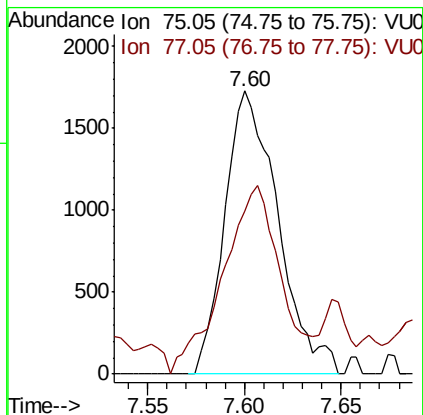
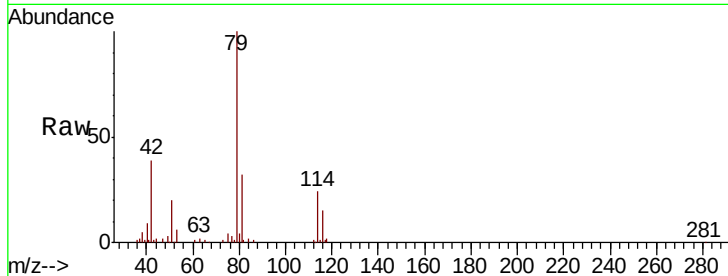


#39

cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036080.D
Acq: 10 Dec 2019 13:25

Instrument :
MSVOA_U
ClientSampleId :

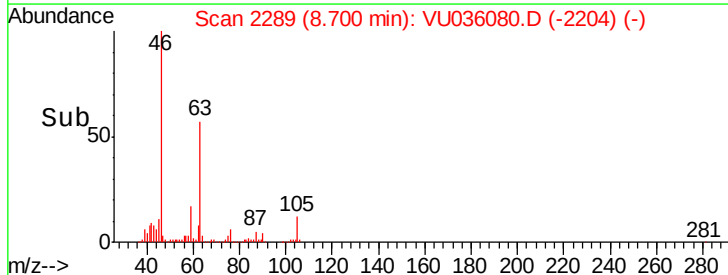
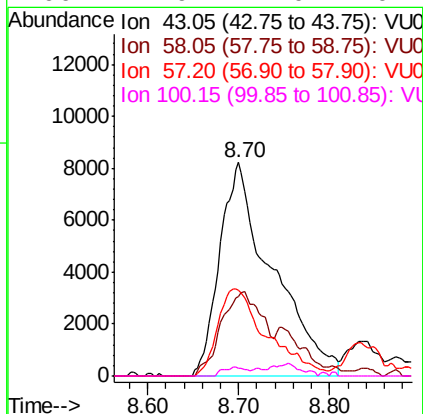
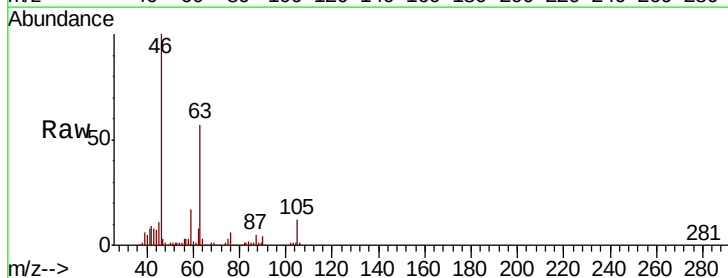
Tot Ion: 75 Resp: 3299
Ion Ratio Lower Upper
75 100
77 57.6 21.7 40.3#

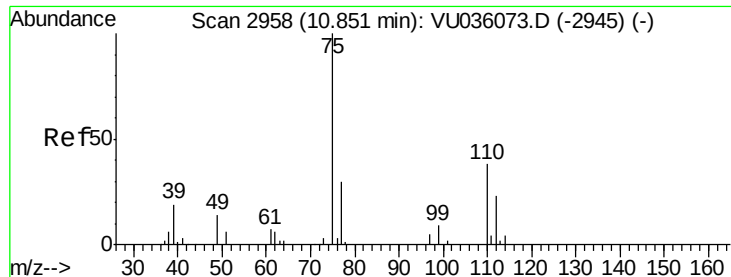


#48

2-Hexanone
Concen: 3.642 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. -0.03 min
Lab File: VU036080.D
Acq: 10 Dec 2019 13:25

Tgt Ion: 43 Resp: 32910
Ion Ratio Lower Upper
43 100
58 31.5 46.9 70.3#
57 38.2 16.4 24.6#
100 1.9 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 0.550 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU036080.D

Acq: 10 Dec 2019 13:25

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 9483

Ion Ratio Lower Upper

75 100

77 37.2 26.7 40.1

