

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036103.D
 Acq On : 11 Dec 2019 00:04
 Operator : JC/MD
 Sample : K6214-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 07:33:55 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	265888	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	298409	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	75355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	116189	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.93	69	110290	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.59	63	123402	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.69	46	223224	55.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.56%
24) Chloroform-d	5.11	84	176831	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.75	65	100261	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.77	84	358908	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.73	67	112306	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.93	98	293603	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	8.21	79	41305	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.70	63	164128	47.78	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.56%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	99772	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	71457	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

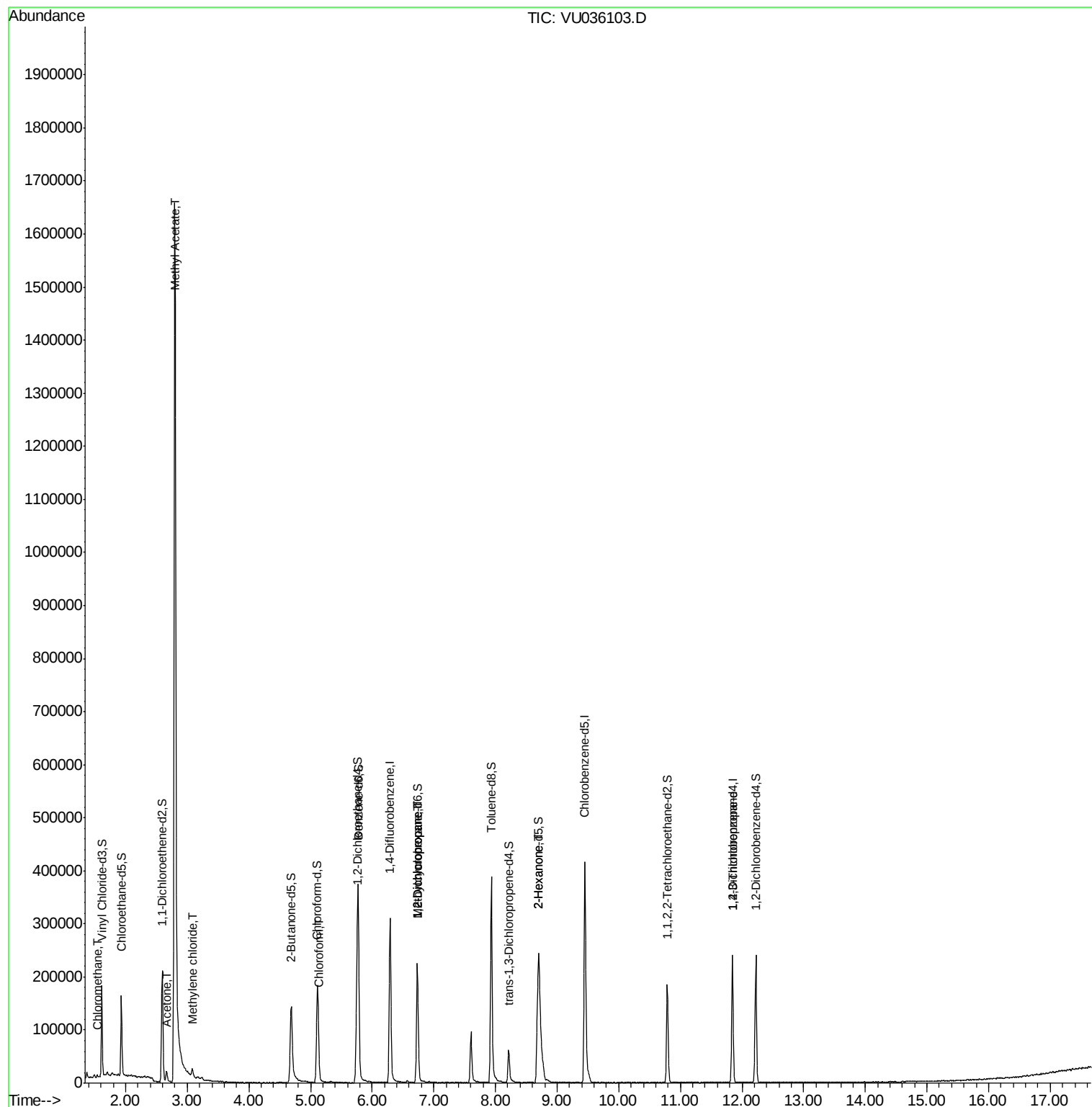
					Ovalue
3) Chloromethane	1.54	50	5619	0.220 ug/L	90
13) Acetone	2.66	43	21797	4.252 ug/L	95
15) Methyl Acetate	2.80	43	477208	63.051 ug/L #	49
16) Methylene chloride	3.08	84	7201	0.268 ug/L	88
25) Chloroform	5.14	83	11369	0.288 ug/L	98
35) Methylcyclohexane	6.73	83	26826	0.923 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11812	0.577 ug/L #	86
48) 2-Hexanone	8.71	43	18961	2.473 ug/L #	67
59) 1,2,3-Trichloropropane	11.84	75	8157	0.558 ug/L	99

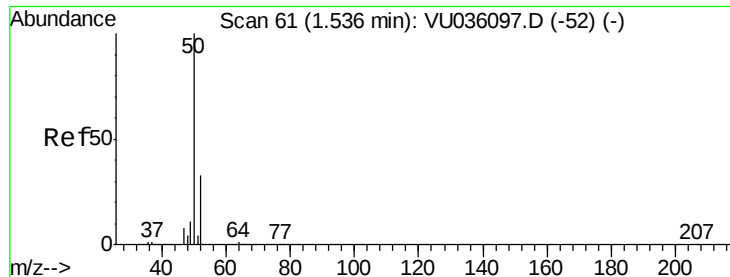
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Chloromethane

Concen: 0.220 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU036103.D

Acq: 11 Dec 2019 00:04

Instrument :

MSVOA_U

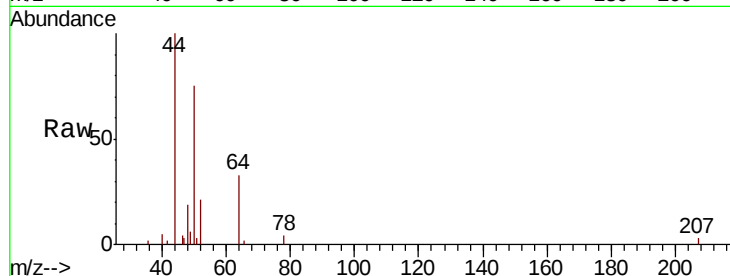
ClientSampleId :

Tot Ion: 50 Resp: 5619

Ion Ratio Lower Upper

50 100

52 27.8 23.6 43.8

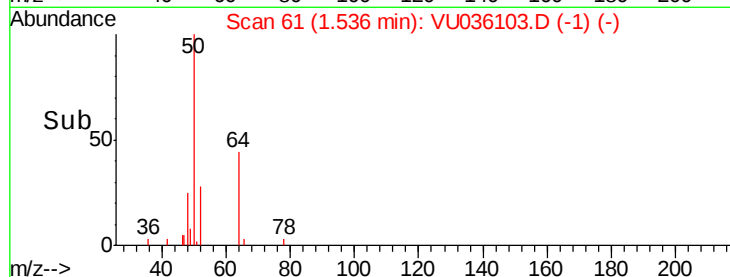


Abundance Ion 50.05 (49.75 to 50.75): VU036097.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU036103.D (-1) (-)

1.54

Time-->



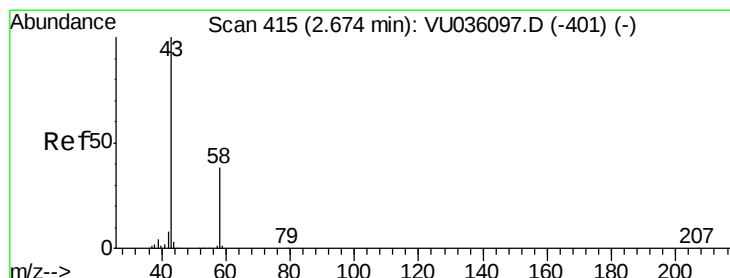
Abundance

Ion 50.05 (49.75 to 50.75): VU036097.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU036103.D (-1) (-)

1.54

Time-->



#13

Acetone

Concen: 4.252 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036103.D

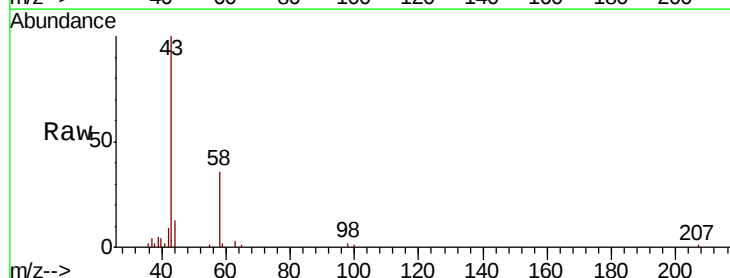
Acq: 11 Dec 2019 00:04

Tgt Ion: 43 Resp: 21797

Ion Ratio Lower Upper

43 100

58 34.0 0.0 74.2

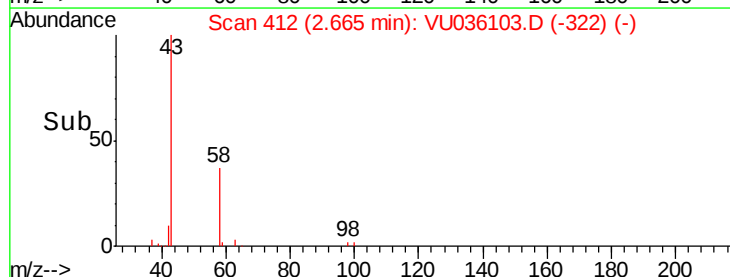


Abundance Ion 43.05 (42.75 to 43.75): VU036097.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036103.D (-322) (-)

2.66

Time-->



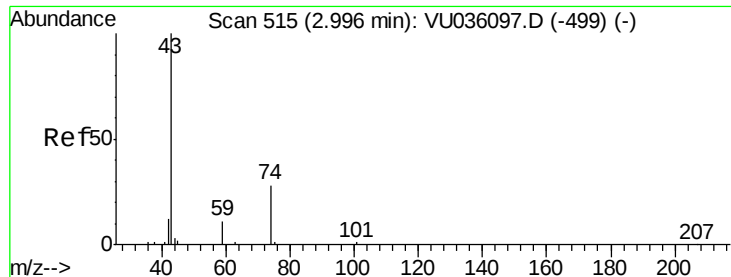
Abundance

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

Ion 58.05 (57.75 to 58.75): VU036103.D (-322) (-)

2.66

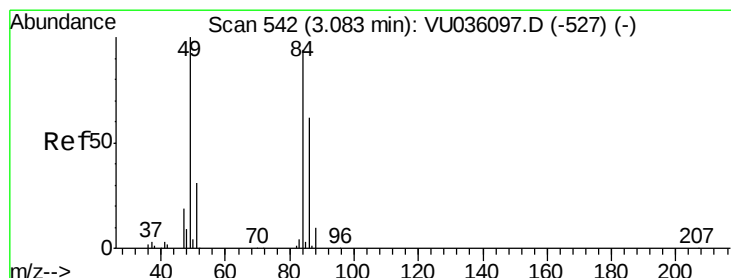
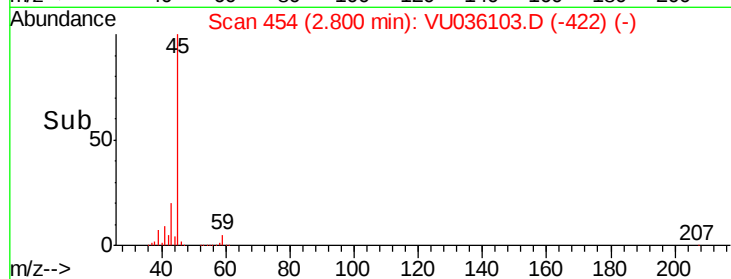
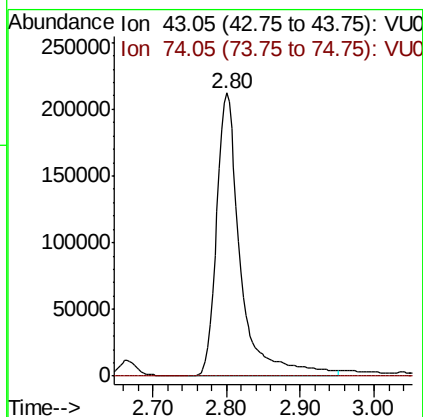
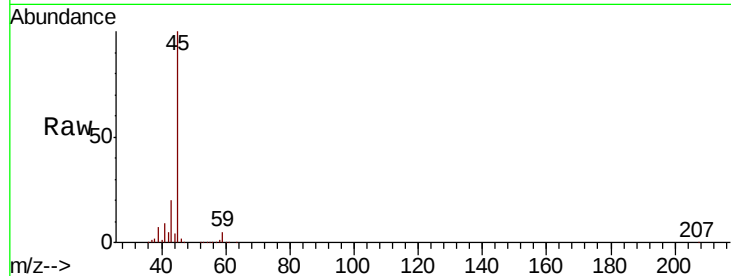
Time-->



#15
Methvl Acetate
Concen: 63.051 ug/L
RT: 2.80 min Scan# 454
Delta R.T. -0.20 min
Lab File: VU036103.D
Acq: 11 Dec 2019 00:04

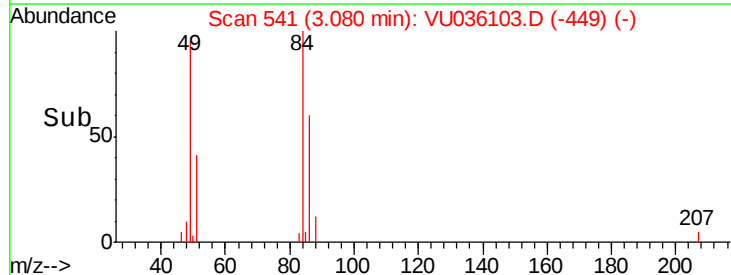
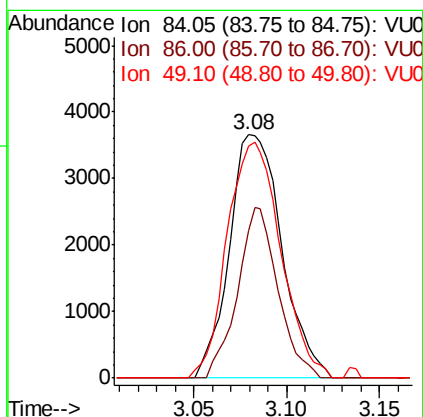
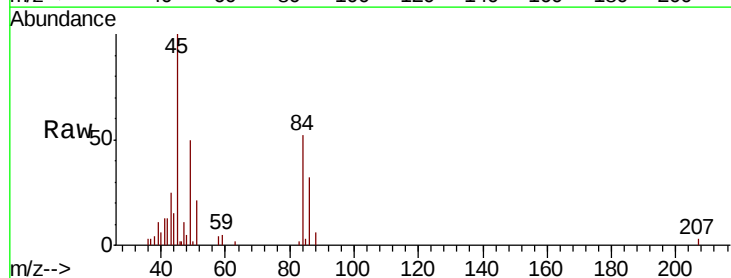
Instrument :
MSVOA_U
ClientSampleId :

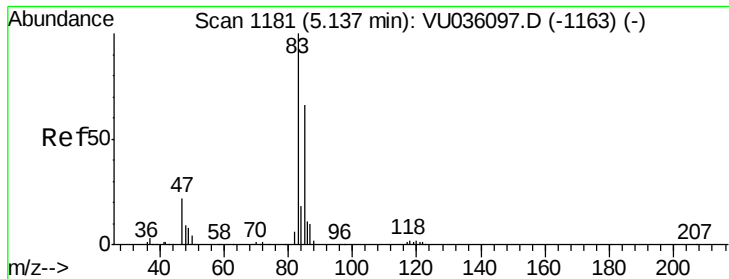
Tot Ion: 43 Resp: 477208
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#



#16
Methylene chloride
Concen: 0.268 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU036103.D
Acq: 11 Dec 2019 00:04

Tgt Ion: 84 Resp: 7201
Ion Ratio Lower Upper
84 100
86 60.4 47.5 88.3
49 95.5 76.9 142.9





#25

Chloroform

Concen: 0.288 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU036103.D

Acq: 11 Dec 2019 00:04

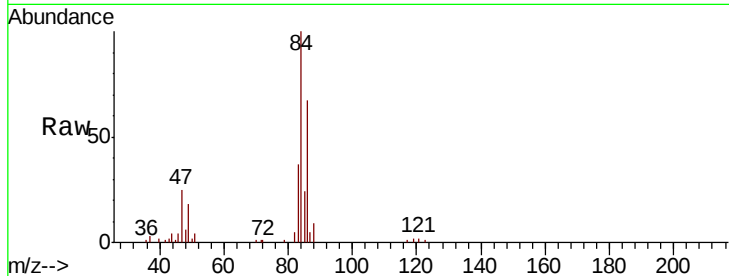
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 11369

Ion Ratio Lower Upper

83 100

85 64.1 43.9 81.5

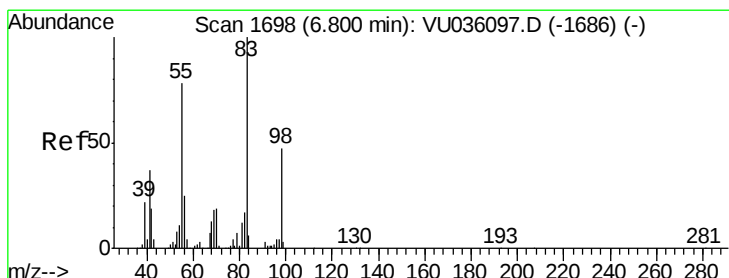
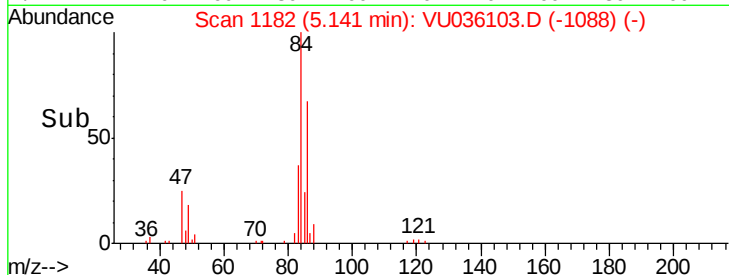


Abundance Ion 83.05 (82.75 to 83.75): VU036097.D (-1163) (-)

Ion 85.00 (84.70 to 85.70): VU036097.D (-1163) (-)

5.14

Time-->



#35

Methylcyclohexane

Concen: 0.923 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036103.D

Acq: 11 Dec 2019 00:04

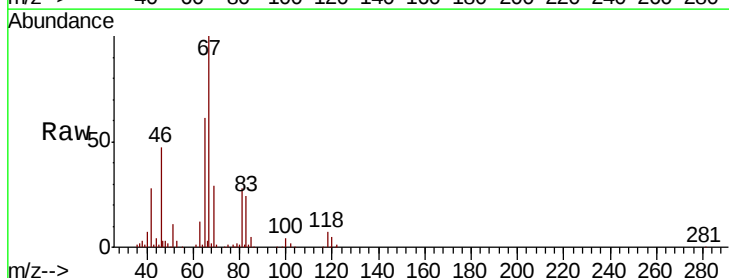
Tgt Ion: 83 Resp: 26826

Ion Ratio Lower Upper

83 100

55 0.4 62.1 93.1#

98 1.6 37.0 55.4#



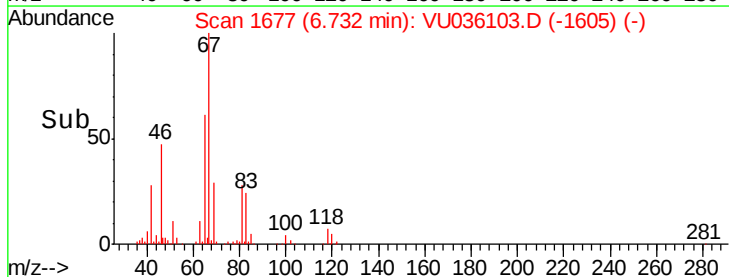
Abundance Ion 83.15 (82.85 to 83.85): VU036097.D (-1686) (-)

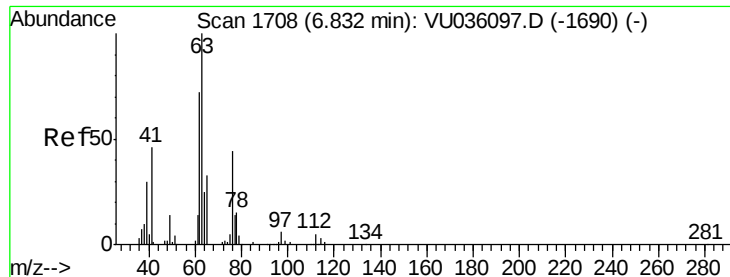
Ion 55.10 (54.80 to 55.80): VU036097.D (-1686) (-)

Ion 98.15 (97.85 to 98.85): VU036097.D (-1686) (-)

6.73

Time-->

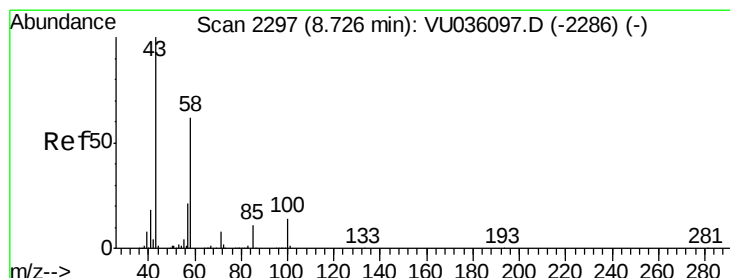
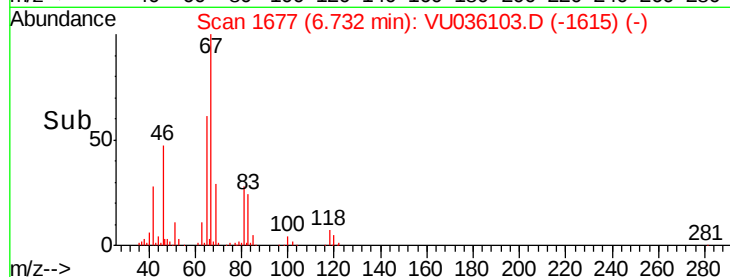
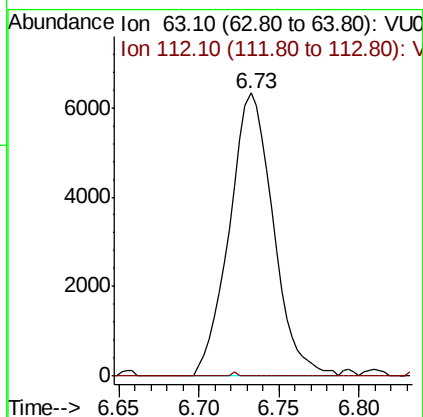
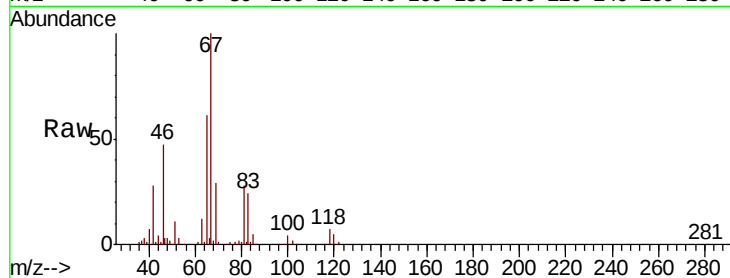




#37
 1,2-Dichloropropane
 Concen: 0.577 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036103.D
 Acq: 11 Dec 2019 00:04

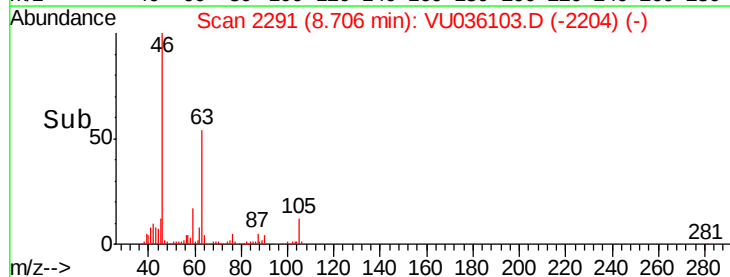
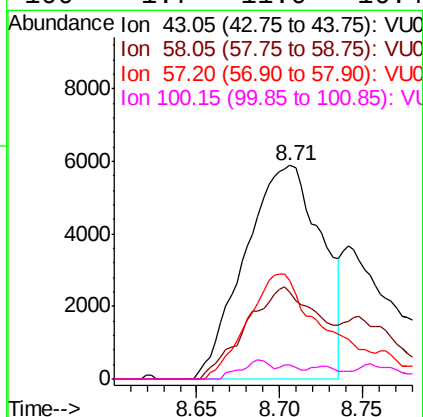
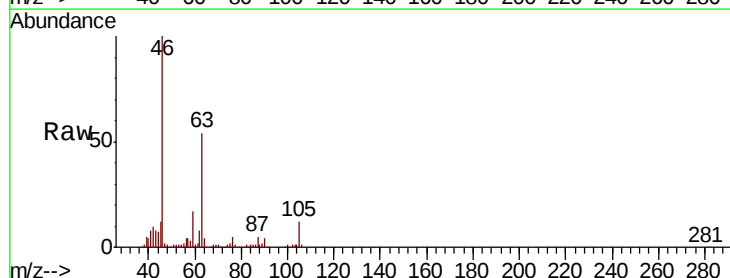
Instrument :
 MSVOA_U
 ClientSampleId :

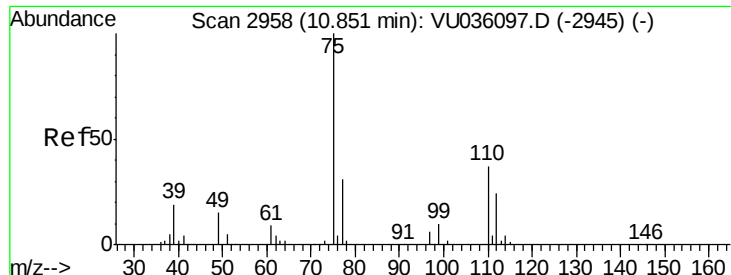
Tot Ion: 63 Resp: 11812
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.8#



#48
 2-Hexanone
 Concen: 2.473 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: VU036103.D
 Acq: 11 Dec 2019 00:04

Tgt Ion: 43 Resp: 18961
 Ion Ratio Lower Upper
 43 100
 58 40.0 46.9 70.3#
 57 48.5 16.4 24.6#
 100 1.7 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 0.558 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU036103.D

Acq: 11 Dec 2019 00:04

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 8157

Ion Ratio Lower Upper

75 100

77 33.8 26.7 40.1

