

Data File : VU036167.D
Acq On : 12 Dec 2019 22:49
Operator : JC/MD
Sample : K6273-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDQ7

Quant Time: Dec 13 02:47:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 02:41:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	258204	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	288586	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	104520	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	123031	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.93	69	117645	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.59	63	131388	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.68	46	209056	49.73	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.46%
24) Chloroform-d	5.11	84	159873	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.75	65	101350	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.77	84	370819	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	119487	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.93	98	294505	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.21	79	42493	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.68	63	162659	44.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.18%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	105582	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	109013	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

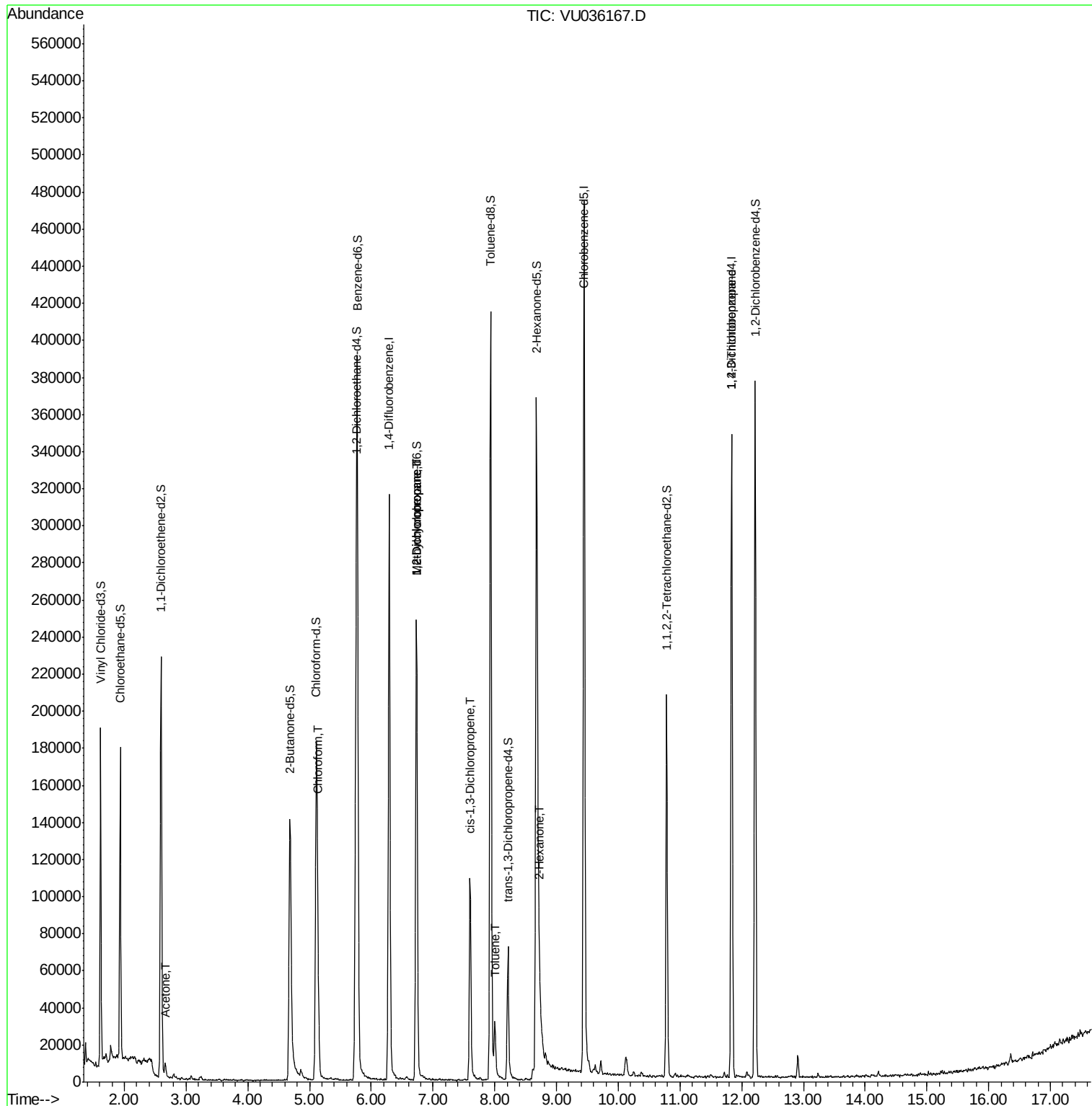
					Qvalue
13) Acetone	2.66	43	7957	2.176	ug/L 98
25) Chloroform	5.14	83	40198	1.024	ug/L 100
35) Methylcyclohexane	6.73	83	29388	0.908	ug/L # 19
37) 1,2-Dichloropropane	6.74	63	12138	0.530	ug/L # 87
39) cis-1,3-Dichloropropene	7.60	75	2556	0.084	ug/L # 61
42) Toluene	8.00	91	20123	0.214	ug/L 95
48) 2-Hexanone	8.73	43	10549	1.244	ug/L # 66
59) 1,2,3-Trichloropropane	11.83	75	10786	0.714	ug/L 90

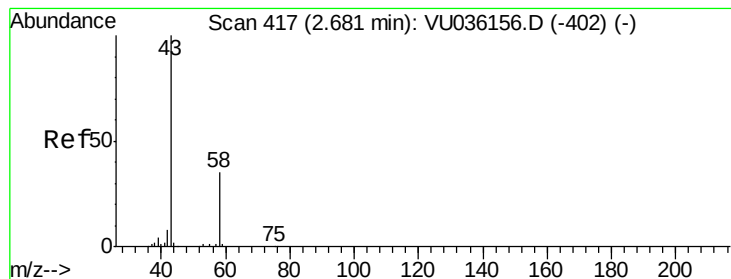
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.176 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

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Acq: 12 Dec 2019 22:49

Instrument :

MSVOA_U

ClientSampleId :

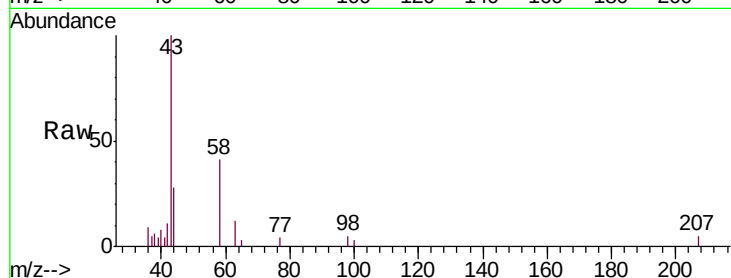
BFDQ7

Tgt Ion: 43 Resp: 7957

Ion Ratio Lower Upper

43 100

58 36.0 0.0 70.0



Abundance Ion 43.05 (42.75 to 43.75): VU036156.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU036156.D (-402) (-)

5000

4000

3000

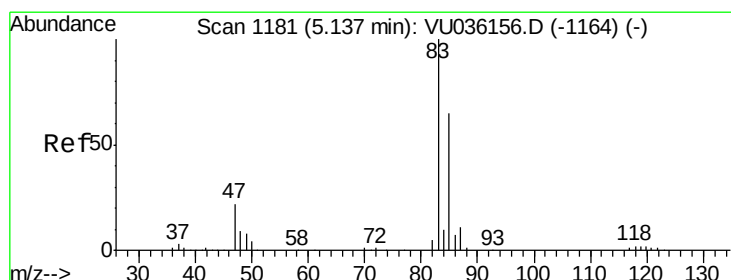
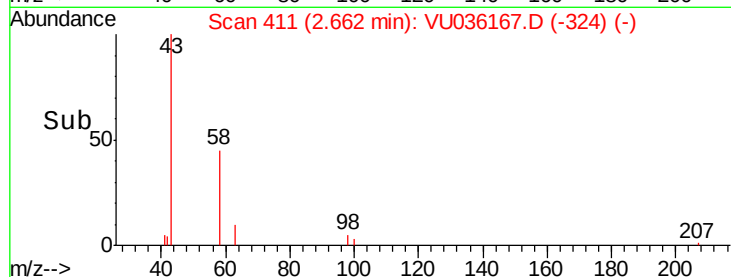
2000

1000

0

2.60 2.65 2.70

Time-->



#25

Chloroform

Concen: 1.024 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU036167.D

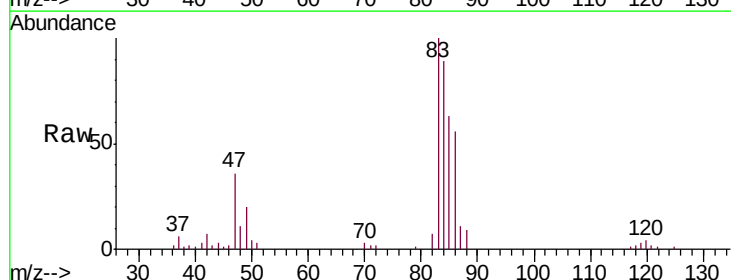
Acq: 12 Dec 2019 22:49

Tgt Ion: 83 Resp: 40198

Ion Ratio Lower Upper

83 100

85 63.5 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU036156.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU036156.D (-1164) (-)

20000

15000

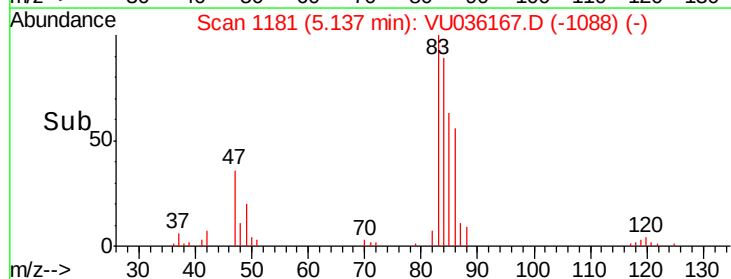
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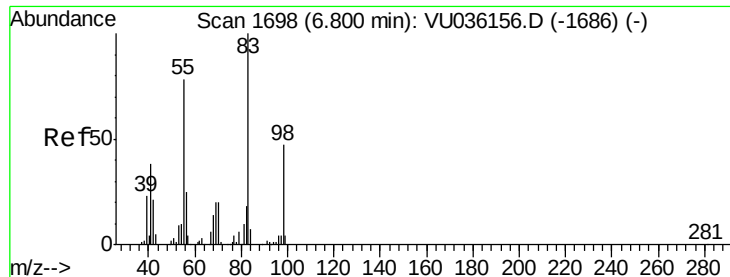
5000

0

5.05 5.10 5.15 5.20

Time-->

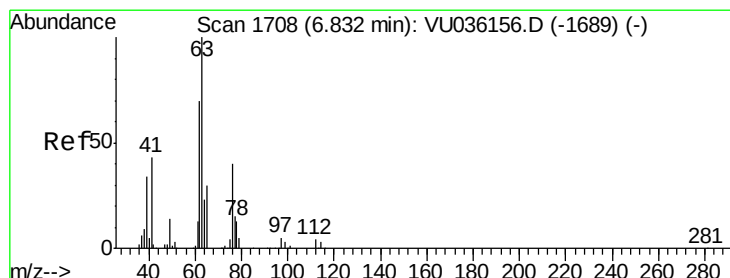
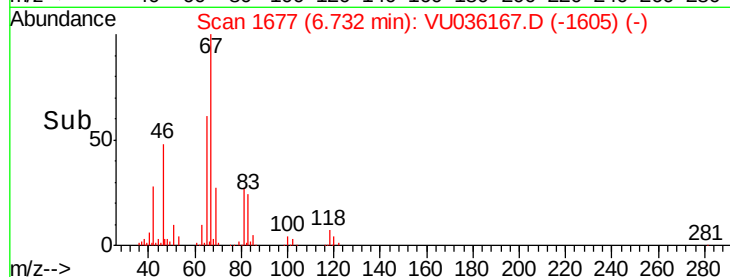
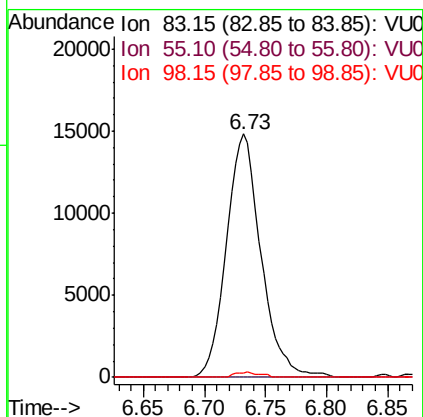
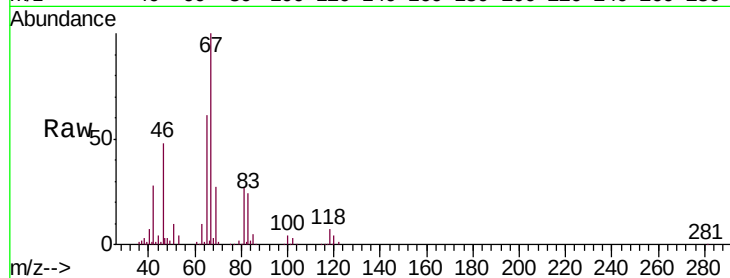




#35
Methylcyclohexane
Concen: 0.908 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036167.D
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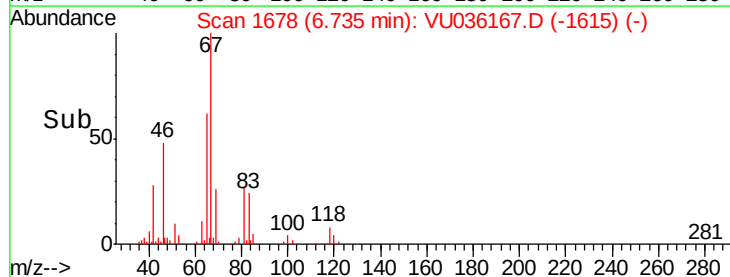
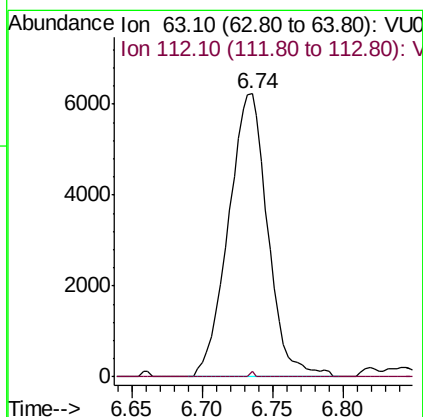
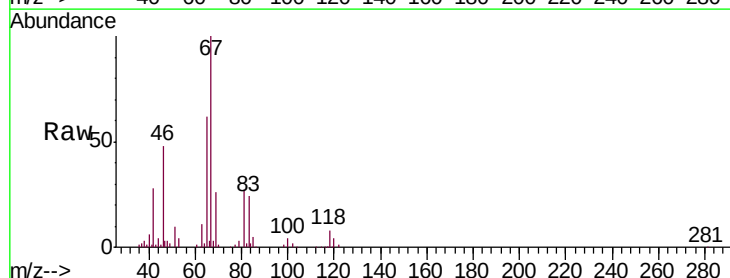
Instrument :
MSVOA_U
ClientSampleId :
BFDQ7

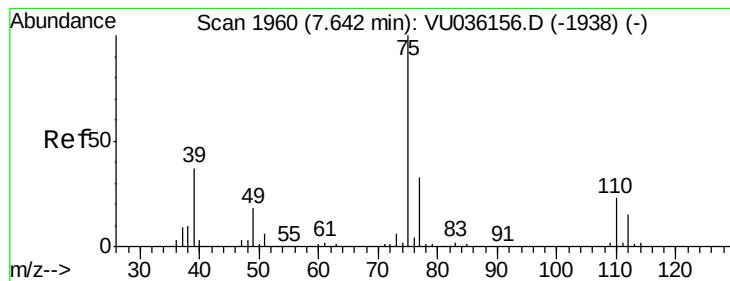
Tgt Ion: 83 Resp: 29388
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 1.5 35.8 53.6#



#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU036167.D
Acq: 12 Dec 2019 22:49

Tgt Ion: 63 Resp: 12138
Ion Ratio Lower Upper
63 100
112 0.2 3.6 5.4#



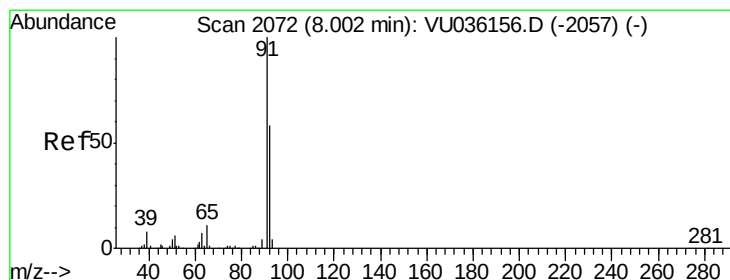
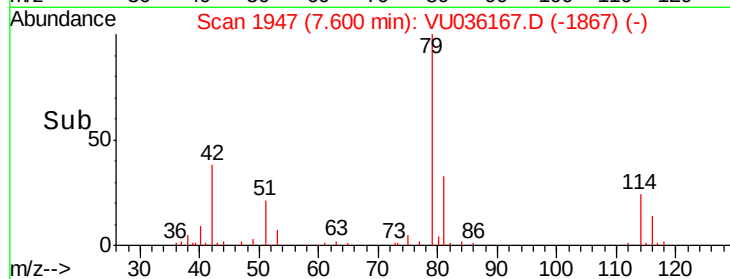
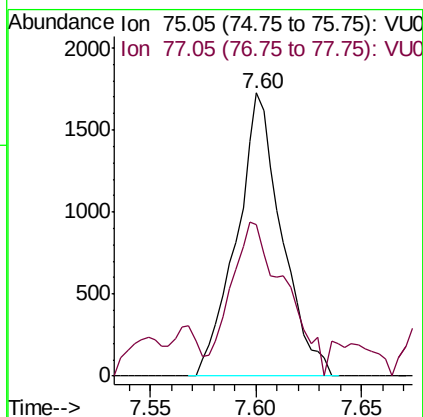
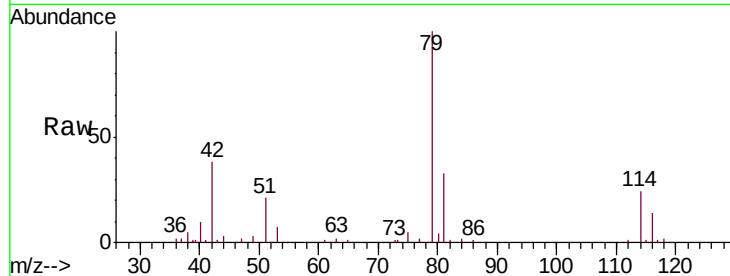


#39

cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036167.D
 Acq: 12 Dec 2019 22:49

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDQ7

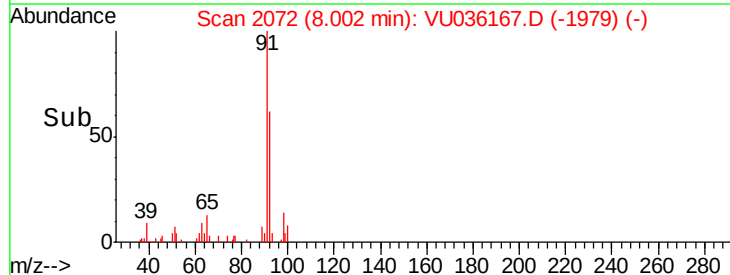
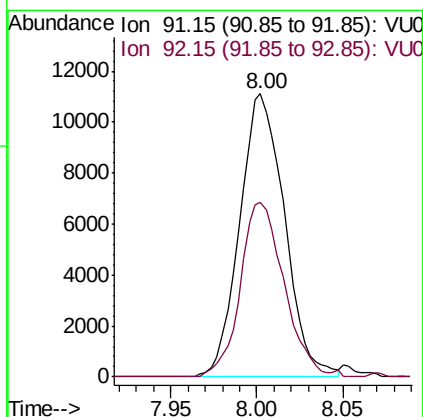
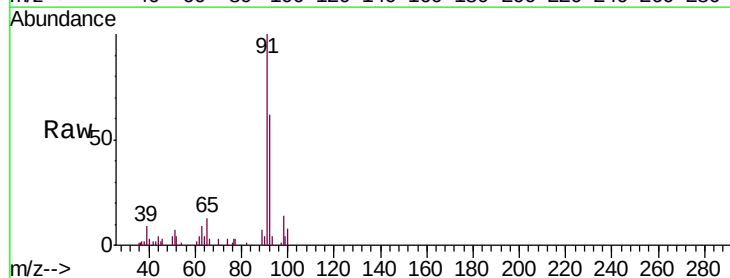
Tgt Ion: 75 Resp: 2556
 Ion Ratio Lower Upper
 75 100
 77 53.7 22.3 41.5#

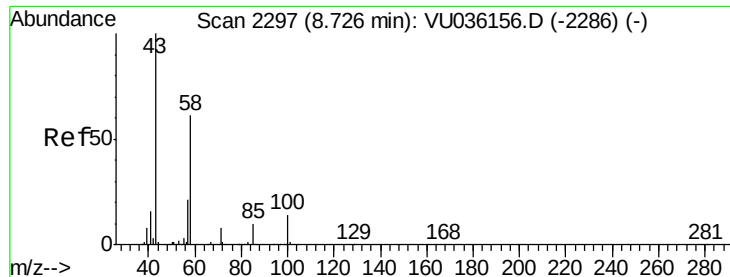


#42

Toluene
 Concen: 0.214 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VU036167.D
 Acq: 12 Dec 2019 22:49

Tgt Ion: 91 Resp: 20123
 Ion Ratio Lower Upper
 91 100
 92 61.6 40.7 75.7

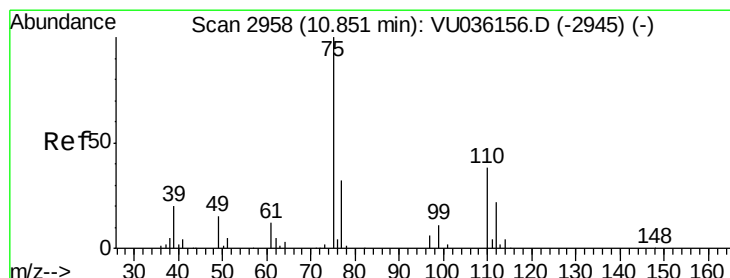
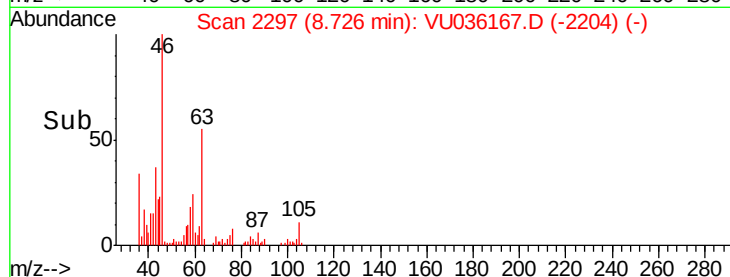
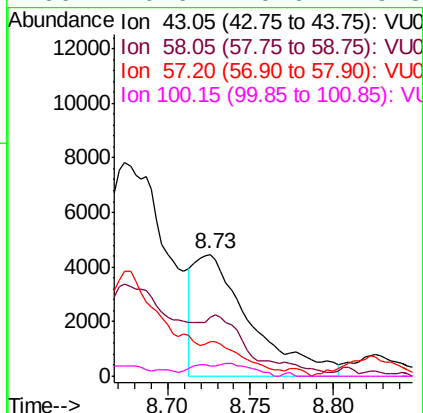
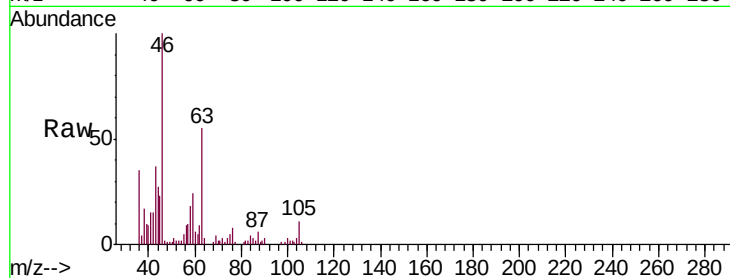




#48
 2-Hexanone
 Concen: 1.244 ug/L
 RT: 8.73 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: VU036167.D
 Acq: 12 Dec 2019 22:49

Instrument :
 MSVOA_U
 ClientSampleID :
 BFDQ7

Tgt Ion: 43 Resp: 10549
 Ion Ratio Lower Upper
 43 100
 58 34.4 48.6 72.8#
 57 0.0 16.7 25.1#
 100 6.6 10.6 15.8#



#59
 1,2,3-Trichloropropane
 Concen: 0.714 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU036167.D
 Acq: 12 Dec 2019 22:49

Tgt Ion: 75 Resp: 10786
 Ion Ratio Lower Upper
 75 100
 77 38.7 26.6 39.8

