

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036106.D
 Acq On : 11 Dec 2019 01:18
 Operator : JC/MD
 Sample : K6240-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQX8

Quant Time: Dec 11 08:41:17 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	252388	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	280665	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	72006	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112214	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.93	69	106568	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.59	63	121856	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.69	46	224076	58.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.92%
24) Chloroform-d	5.11	84	178746	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.75	65	97514	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.77	84	348393	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.73	67	112027	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.93	98	289705	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.21	79	39410	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.70	63	171626	53.12	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.24%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	100988	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	74015	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

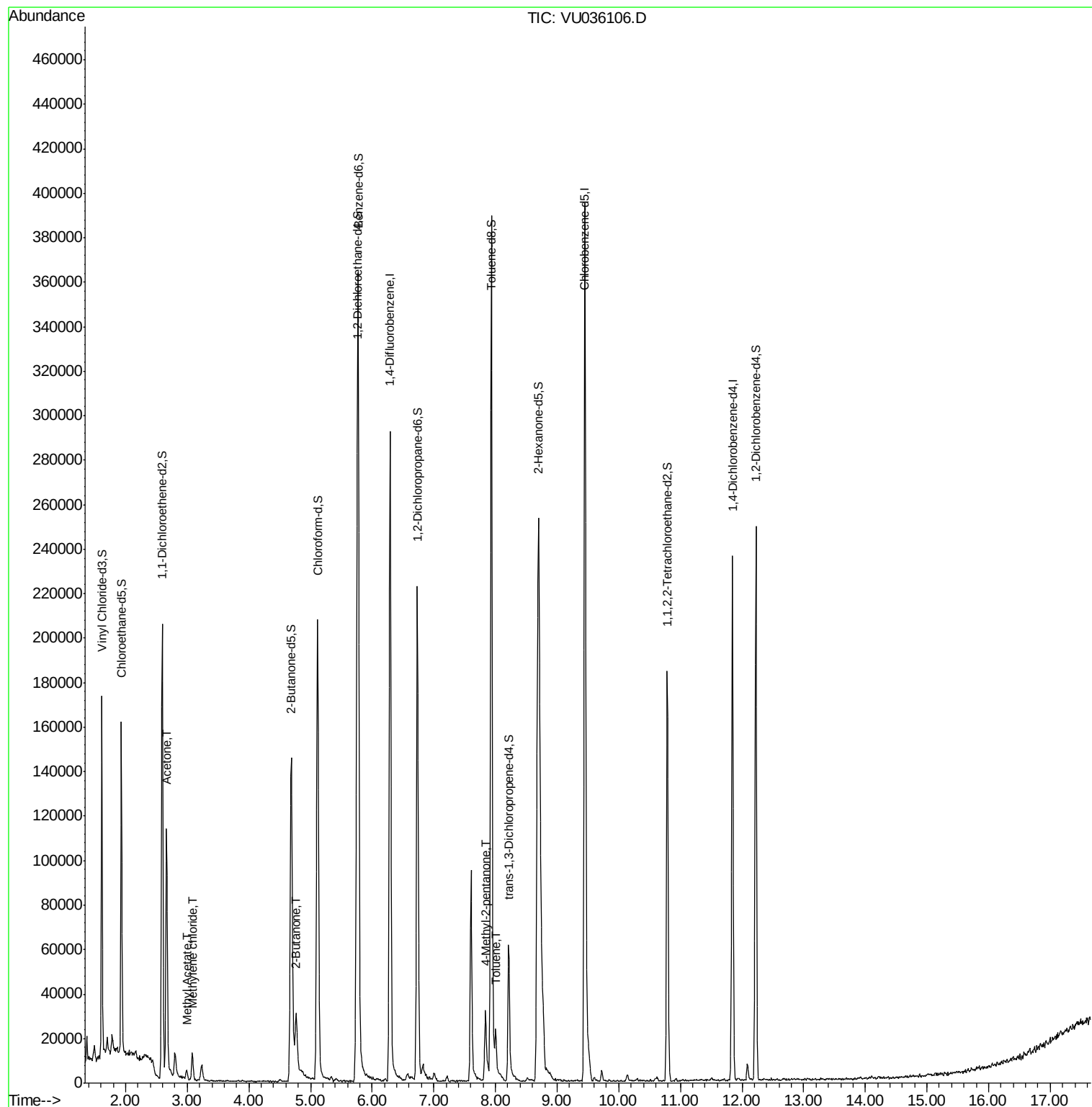
					Ovalue
13) Acetone	2.66	43	125895	25.872 ug/L	98
15) Methyl Acetate	2.99	43	4829	0.672 ug/L	96
16) Methylene chloride	3.09	84	5979	0.234 ug/L	97
21) 2-Butanone	4.77	43	32250	6.622 ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	26787	2.665 ug/L #	77
42) Toluene	8.01	91	11661	0.142 ug/L	95

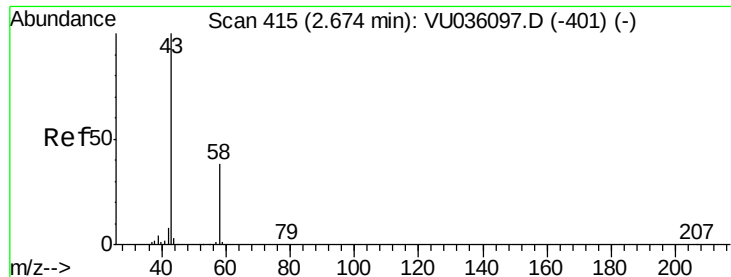
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.872 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036106.D

Acq: 11 Dec 2019 01:18

Instrument :

MSVOA_U

ClientSampleId :

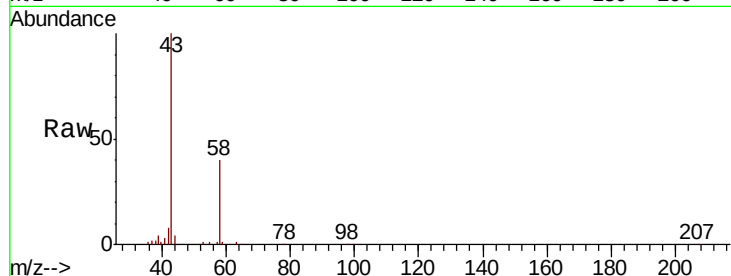
BFQX8

Tot Ion: 43 Resp: 125895

Ion Ratio Lower Upper

43 100

58 36.0 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036106.D (-412) (-)

Ion 58.05 (57.75 to 58.75): VU036106.D (-412) (-)

2.66

80000

60000

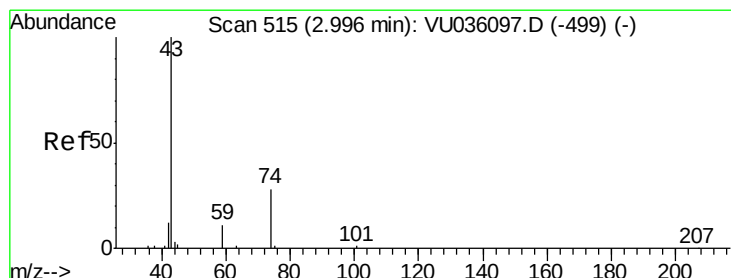
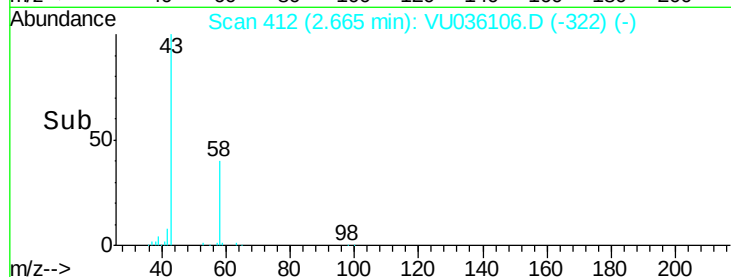
40000

20000

0

Time-->

2.60 2.70 2.80



#15

Methyl Acetate

Concen: 0.672 ug/L

RT: 2.99 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU036106.D

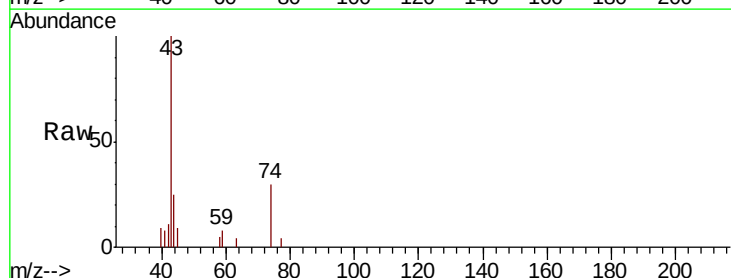
Acq: 11 Dec 2019 01:18

Tgt Ion: 43 Resp: 4829

Ion Ratio Lower Upper

43 100

74 28.2 21.0 31.4



Abundance Ion 43.05 (42.75 to 43.75): VU036106.D (-514) (-)

Ion 74.05 (73.75 to 74.75): VU036106.D (-514) (-)

2.99

3000

2500

2000

1500

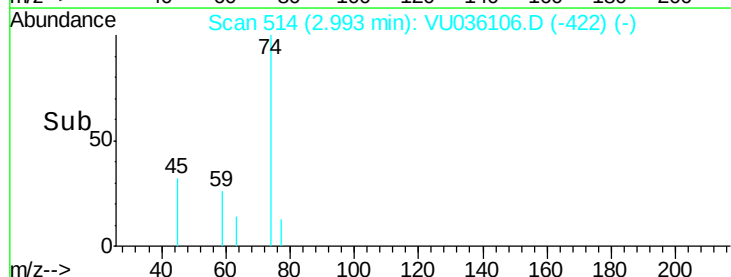
1000

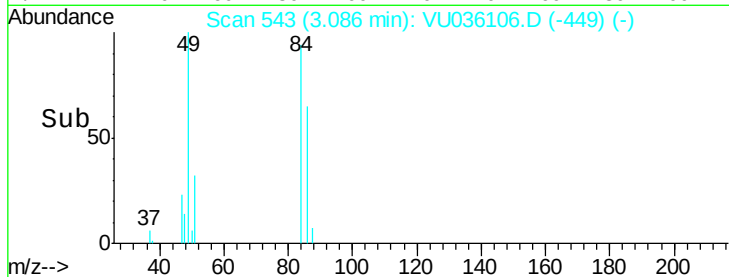
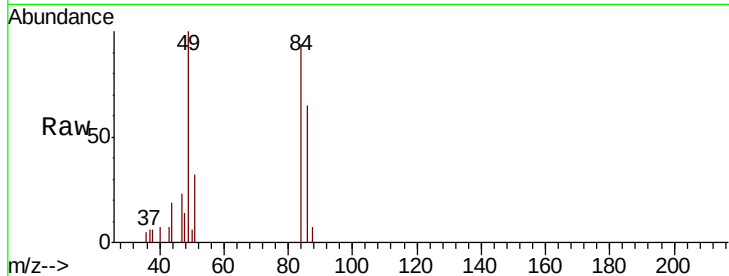
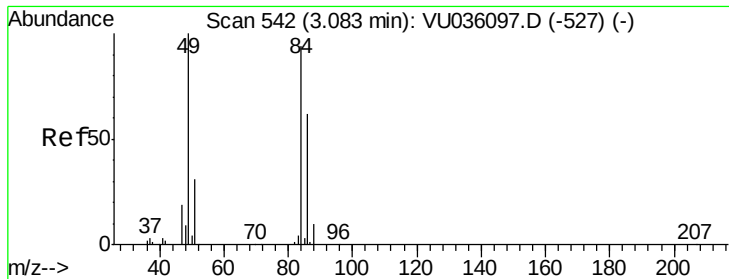
500

0

Time-->

2.90 2.95 3.00 3.05

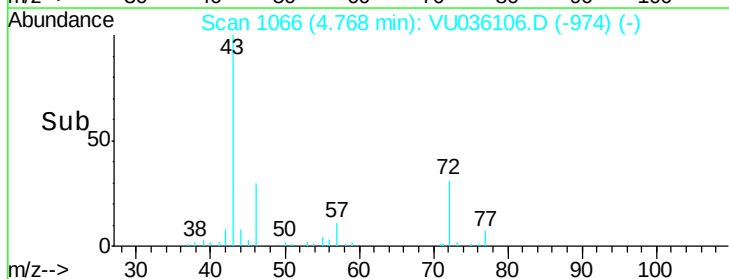
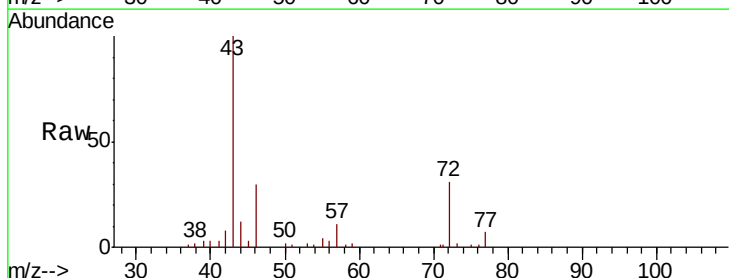
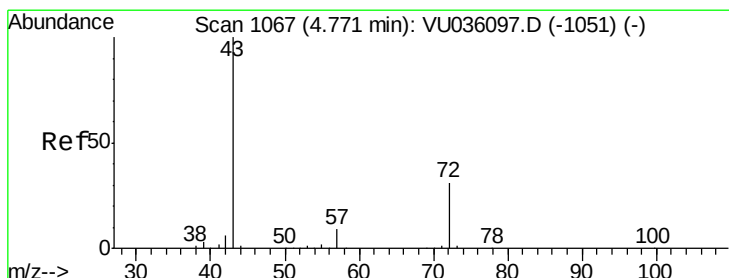
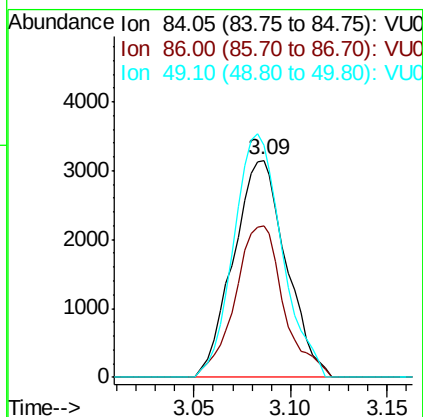




#16
Methylene chloride
Concen: 0.234 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU036106.D
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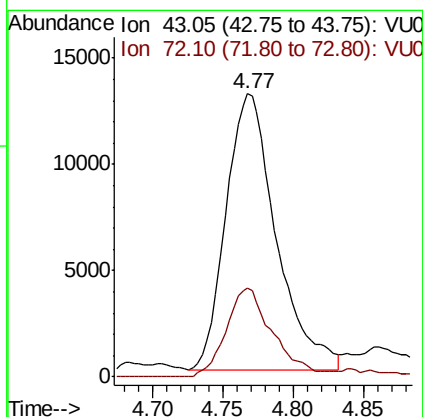
Instrument :
MSVOA_U
ClientSampleId :
BFQX8

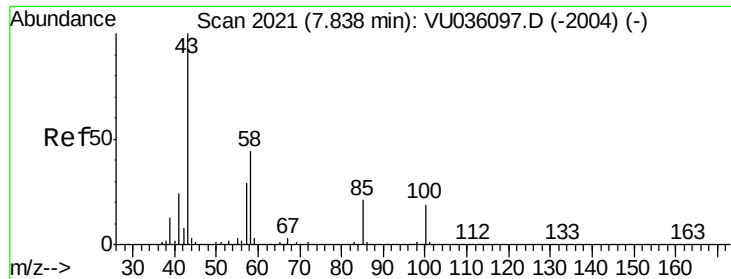
Tot Ion: 84 Resp: 5979
Ion Ratio Lower Upper
84 100
86 70.0 47.5 88.3
49 106.9 76.9 142.9



#21
2-Butanone
Concen: 6.622 ug/L
RT: 4.77 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VU036106.D
Acq: 11 Dec 2019 01:18

Tgt Ion: 43 Resp: 32250
Ion Ratio Lower Upper
43 100
72 29.6 15.0 45.0

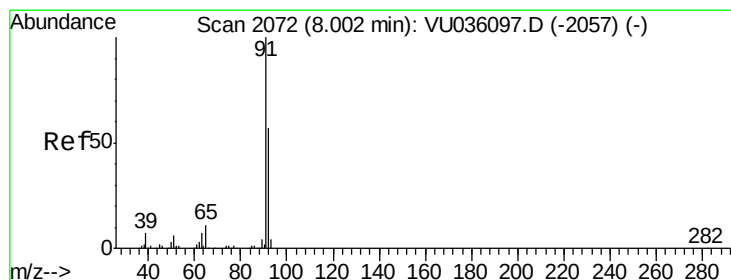
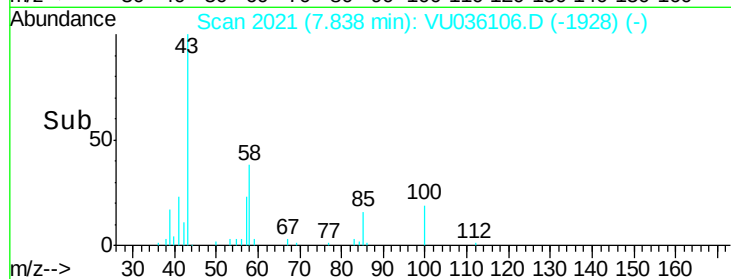
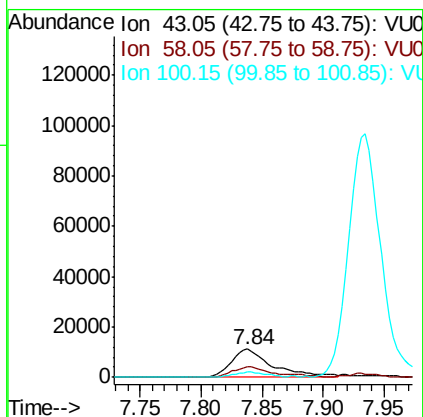
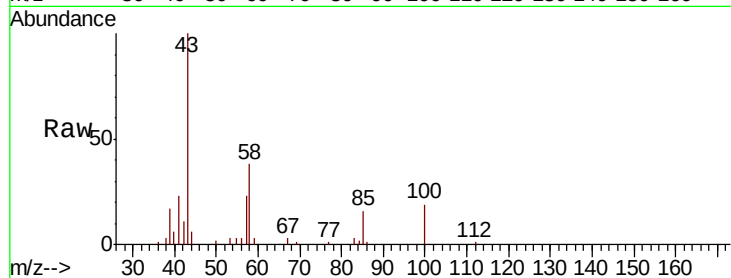




#40
4-Methyl-2-pentanone
Concen: 2.665 ug/L
RT: 7.84 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VU036106.D
Acq: 11 Dec 2019 01:18

Instrument :
MSVOA_U
ClientSampleId :
BFQX8

Tot Ion: 43 Resp: 26787
Ion Ratio Lower Upper
43 100
58 33.0 34.5 51.7#
100 0.0 14.3 21.5#



#42
Toluene
Concen: 0.142 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU036106.D
Acq: 11 Dec 2019 01:18

Tgt Ion: 91 Resp: 11661
Ion Ratio Lower Upper
91 100
92 53.4 40.0 74.4

