

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120919\
 Data File : VU036065.D
 Acq On : 09 Dec 2019 22:35
 Operator : JC/MD
 Sample : K6132-23
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQX3

Quant Time: Dec 10 03:46:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 10 01:47:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	252812	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	77127	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	97262	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.93	69	127136	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.59	63	121268	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.68	46	197508	51.44	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.88%
24) Chloroform-d	5.11	84	168499	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.75	65	90799	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.77	84	343879	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.73	67	103683	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.93	98	292155	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.21	79	39838	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.69	63	168900	54.58	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.16%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	93215	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	82162	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

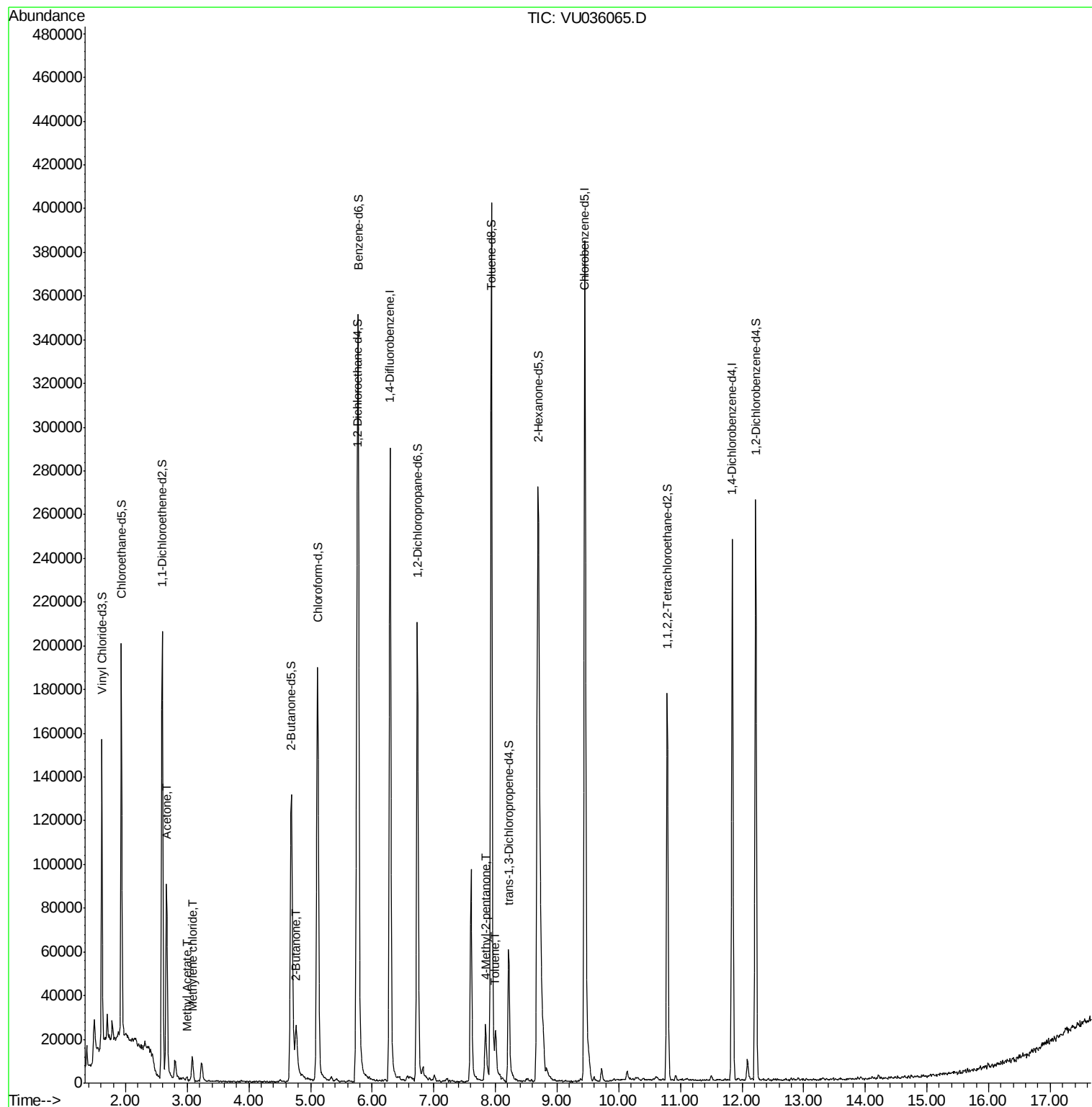
					Ovalue
13) Acetone	2.66	43	102792	21.089 ug/L	93
15) Methyl Acetate	3.00	43	1629	0.226 ug/L #	74
16) Methylene chloride	3.08	84	6038	0.236 ug/L	93
21) 2-Butanone	4.77	43	26889	5.512 ug/L	97
40) 4-Methyl-2-pentanone	7.84	43	20275	2.106 ug/L #	87
42) Toluene	8.00	91	12642	0.160 ug/L	100

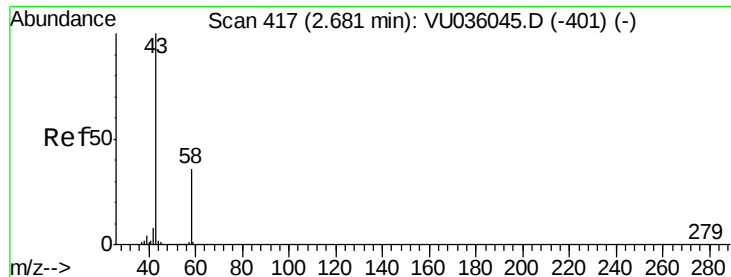
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 21.089 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036065.D

Acq: 09 Dec 2019 22:35

Instrument :

MSVOA_U

ClientSampleId :

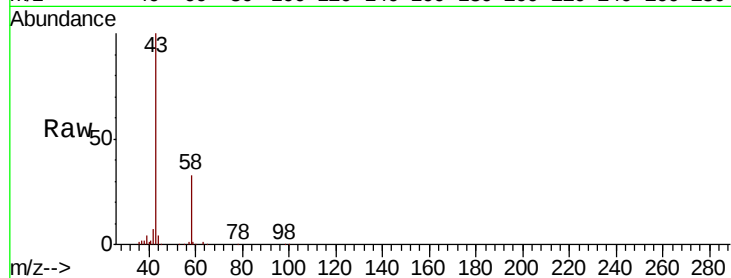
BFQX3

Tot Ion: 43 Resp: 102792

Ion Ratio Lower Upper

43 100

58 32.7 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036065.D (-412) (-)

Ion 58.05 (57.75 to 58.75): VU036065.D (-412) (-)

2.66

60000

50000

40000

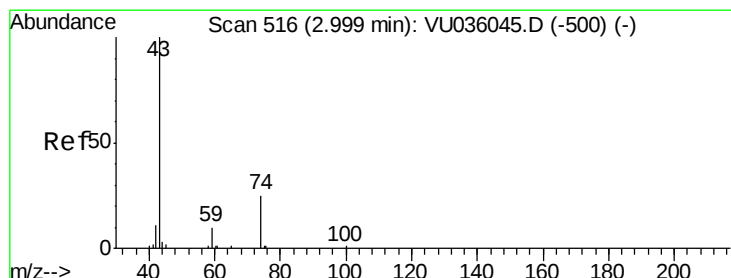
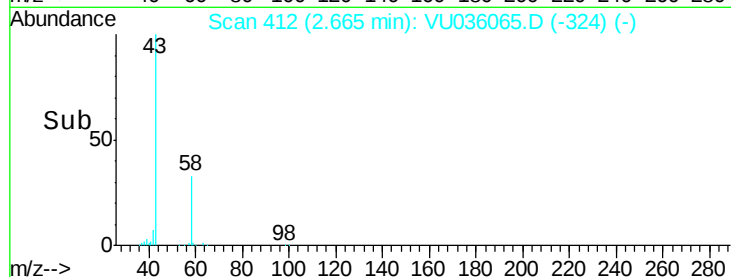
30000

20000

10000

0

Time-->



#15

Methyl Acetate

Concen: 0.226 ug/L

RT: 3.00 min Scan# 516

Delta R.T. -0.00 min

Lab File: VU036065.D

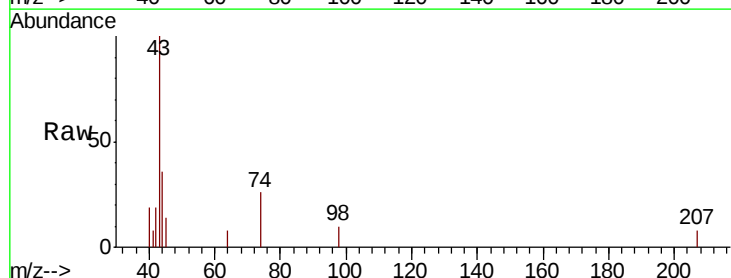
Acq: 09 Dec 2019 22:35

Tgt Ion: 43 Resp: 1629

Ion Ratio Lower Upper

43 100

74 12.7 21.0 31.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036065.D (-516) (-)

Ion 74.05 (73.75 to 74.75): VU036065.D (-516) (-)

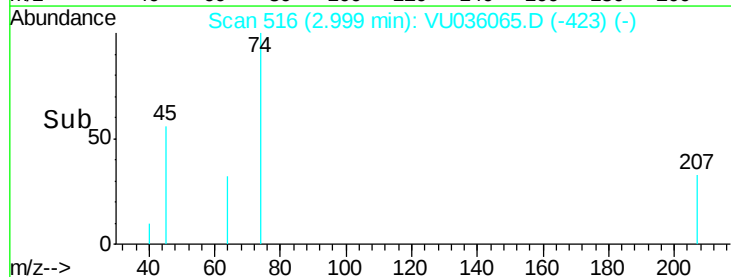
3.00

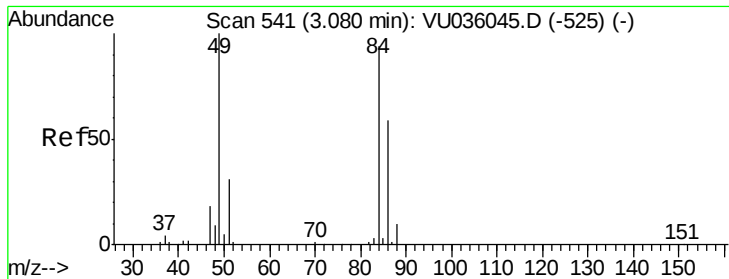
1000

500

0

Time-->

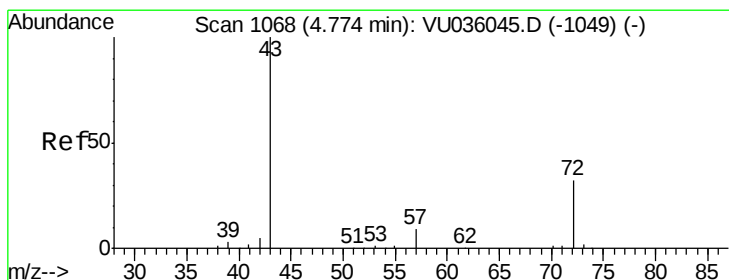
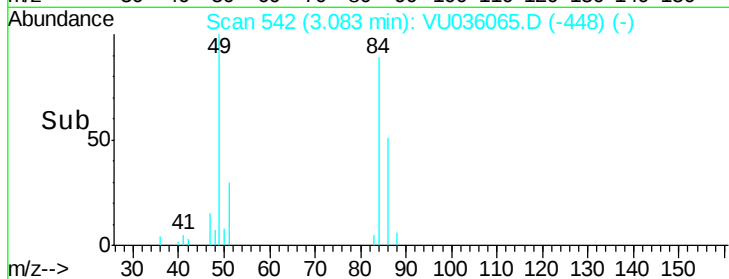
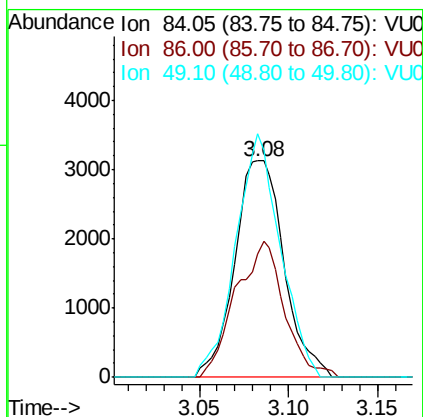
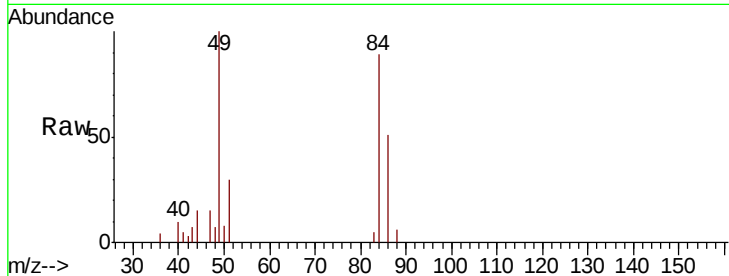




#16
Methvlene chloride
Concen: 0.236 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036065.D
Acq: 09 Dec 2019 22:35

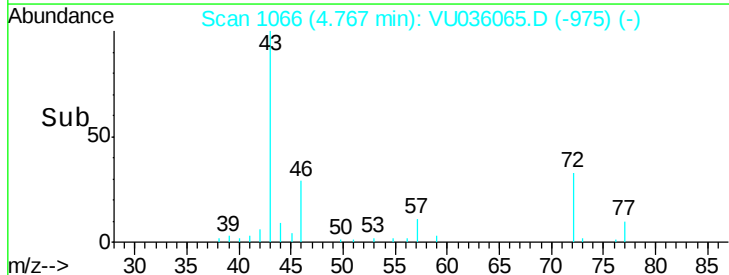
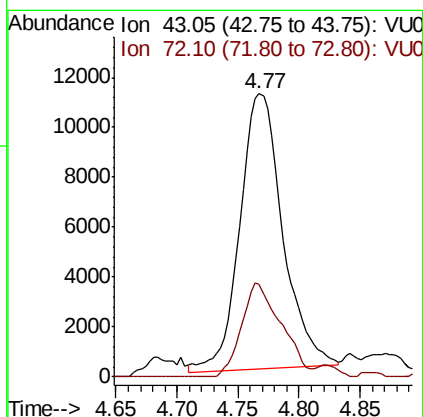
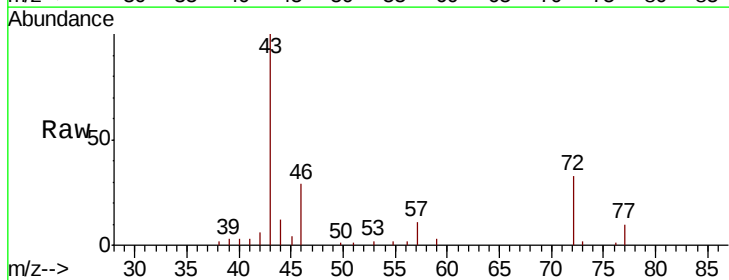
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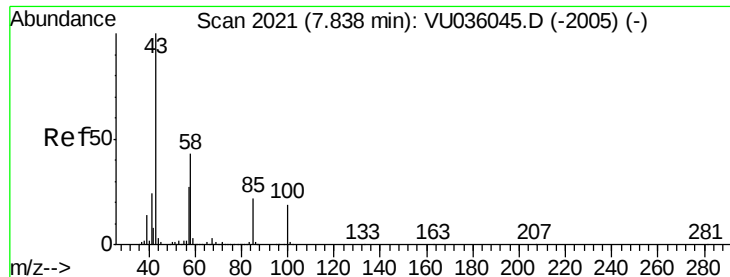
Tot Ion: 84 Resp: 6038
Ion Ratio Lower Upper
84 100
86 57.0 47.5 88.3
49 112.5 76.9 142.9



#21
2-Butanone
Concen: 5.512 ug/L
RT: 4.77 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VU036065.D
Acq: 09 Dec 2019 22:35

Tgt Ion: 43 Resp: 26889
Ion Ratio Lower Upper
43 100
72 31.6 15.0 45.0

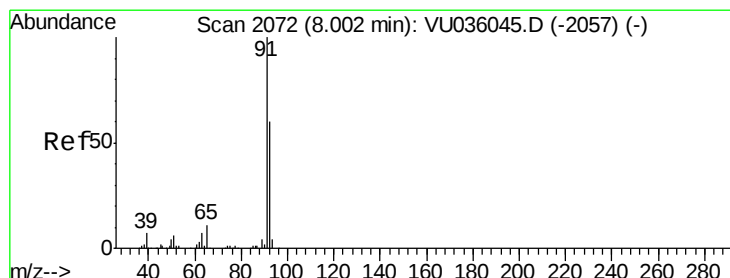
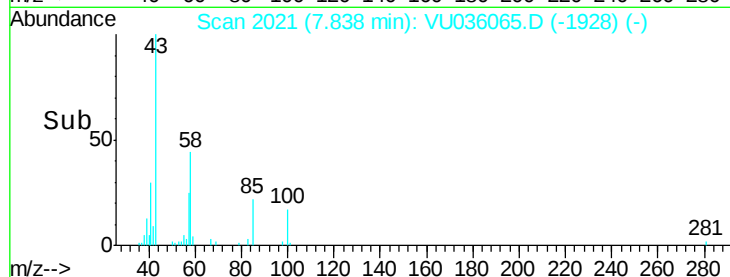
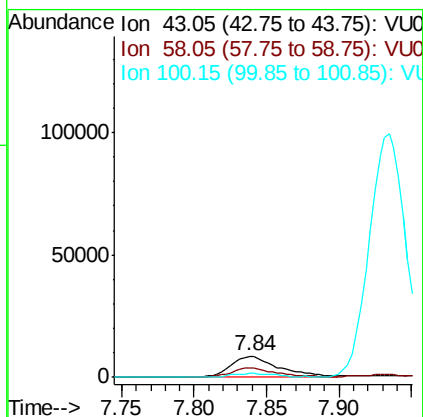
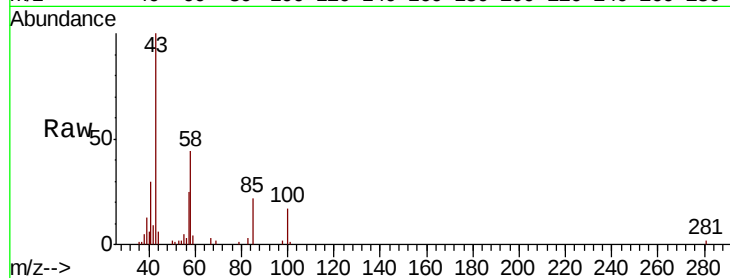




#40
4-Methyl-2-pentanone
Concen: 2.106 ug/L
RT: 7.84 min Scan# 2021
Delta R.T. -0.00 min
Lab File: VU036065.D
Acq: 09 Dec 2019 22:35

Instrument :
MSVOA_U
ClientSampleId :
BFQX3

Tot Ion: 43 Resp: 20275
Ion Ratio Lower Upper
43 100
58 42.0 34.5 51.7
100 0.0 14.3 21.5#



#42
Toluene
Concen: 0.160 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VU036065.D
Acq: 09 Dec 2019 22:35

Tgt Ion: 91 Resp: 12642
Ion Ratio Lower Upper
91 100
92 57.3 40.0 74.4

