

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120619\
 Data File : VU036016.D
 Acq On : 06 Dec 2019 11:59
 Operator : JC/SP
 Sample : K6132-23
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQX3

Quant Time: Dec 06 22:57:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 06 22:30:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	265214	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	282250	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84723	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99945	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.93	69	91234	3.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.20%
11) 1,1-Dichloroethene-d2	2.59	63	118289	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	4.69	46	215322	40.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.44%
24) Chloroform-d	5.11	84	178823	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.75	65	92995	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.77	84	338365	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.73	67	108899	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.93	98	278292	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	8.21	79	41041	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.68	63	162059	37.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.38%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	93125	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	80705	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

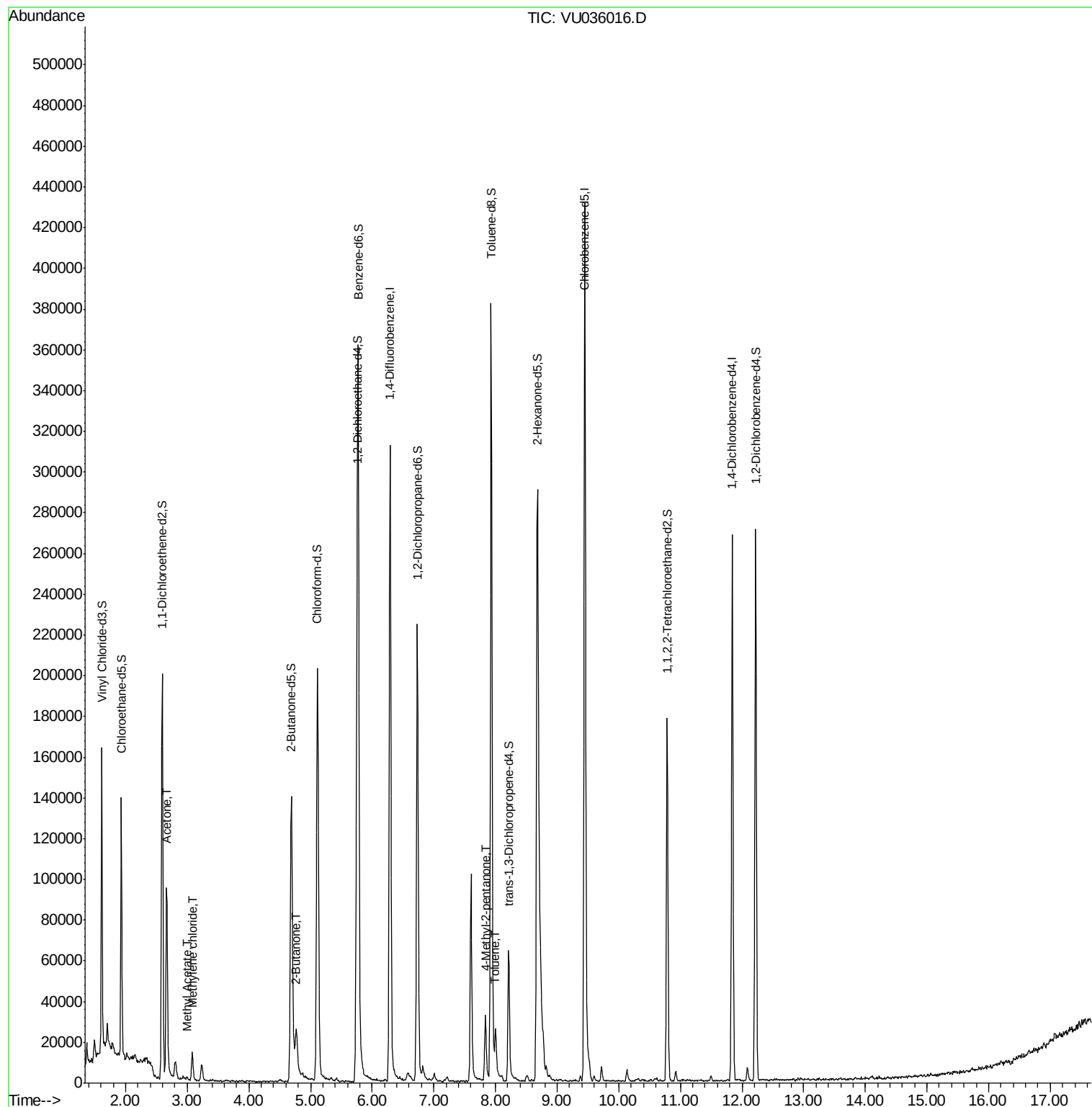
					Ovalue
13) Acetone	2.66	43	108342	22.384	ug/L 99
15) Methyl Acetate	2.99	43	2083	0.240	ug/L # 71
16) Methylene chloride	3.08	84	6476	0.220	ug/L 90
21) 2-Butanone	4.77	43	31075	5.001	ug/L 100
40) 4-Methyl-2-pentanone	7.84	43	22023	1.559	ug/L # 85
42) Toluene	8.01	91	14712	0.159	ug/L 94

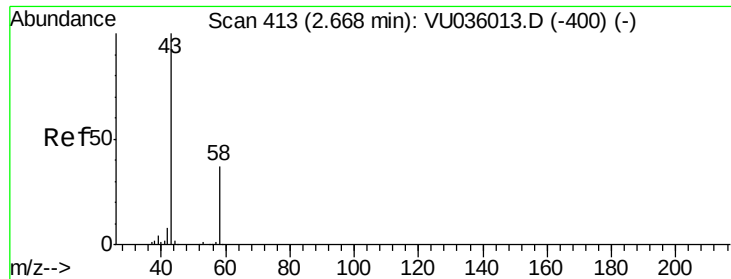
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 22.384 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU036016.D

Acq: 06 Dec 2019 11:59

Instrument :

MSVOA_U

ClientSampleId :

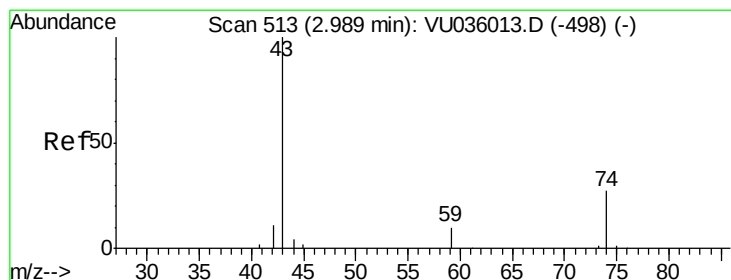
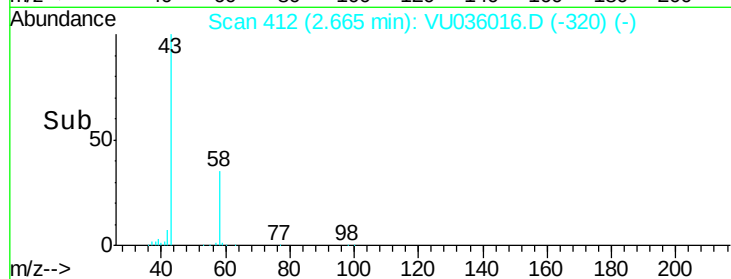
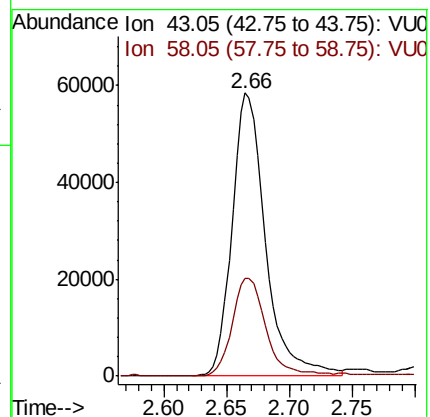
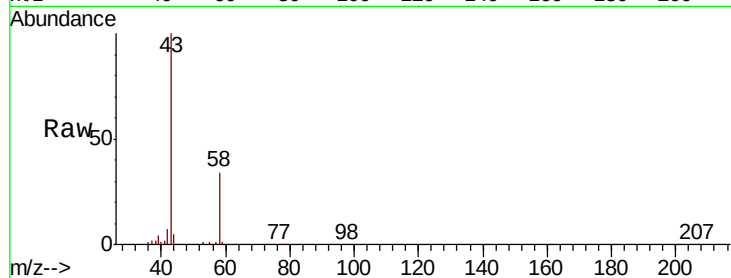
BFQX3

Tot Ion: 43 Resp: 108342

Ion Ratio Lower Upper

43 100

58 35.0 0.0 68.6



#15

Methyl Acetate

Concen: 0.240 ug/L

RT: 2.99 min Scan# 514

Delta R.T. 0.00 min

Lab File: VU036016.D

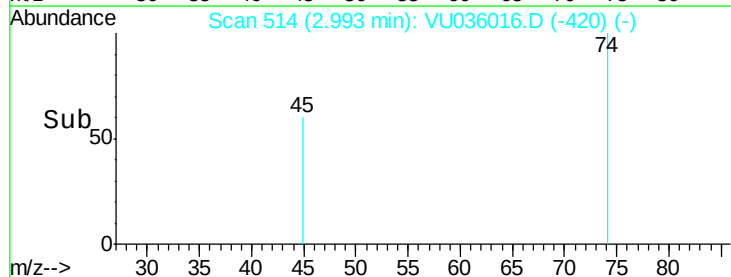
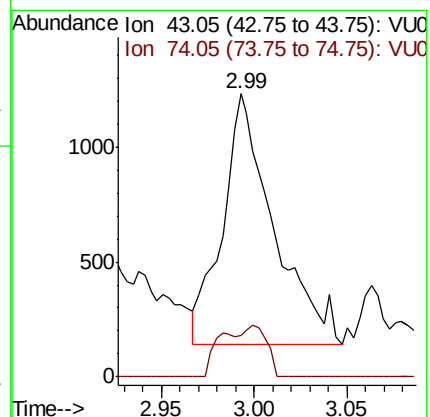
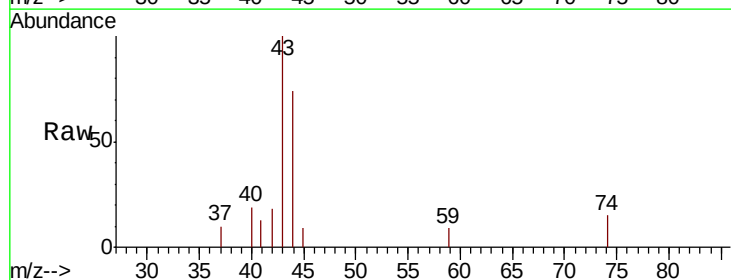
Acq: 06 Dec 2019 11:59

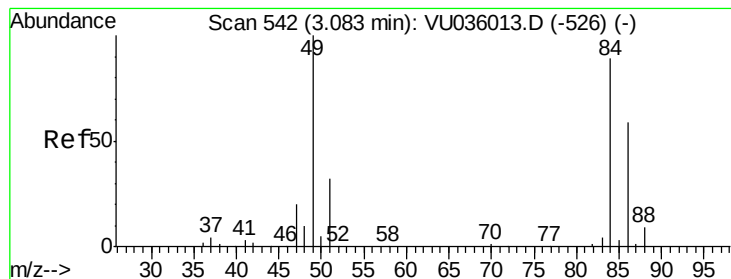
Tgt Ion: 43 Resp: 2083

Ion Ratio Lower Upper

43 100

74 10.4 20.0 30.0#





#16

Methvlene chloride

Concen: 0.220 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036016.D

Acq: 06 Dec 2019 11:59

Instrument :

MSVOA_U

ClientSampleId :

BFQX3

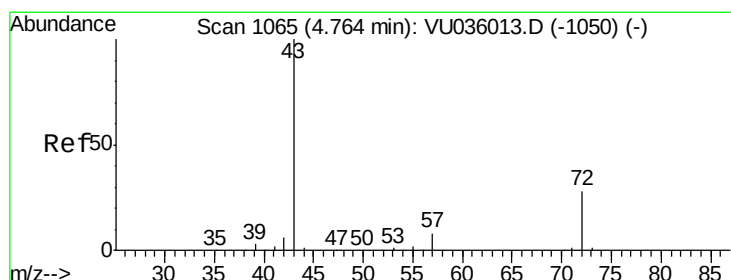
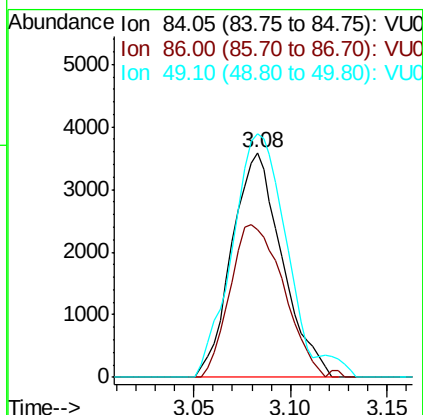
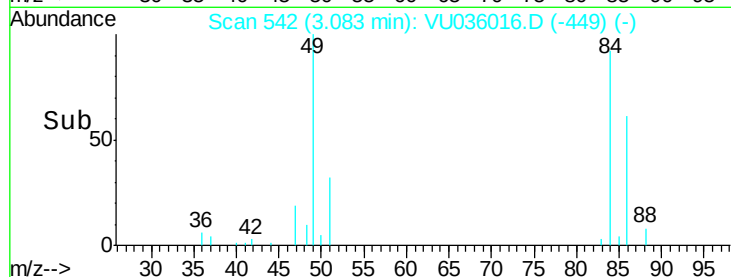
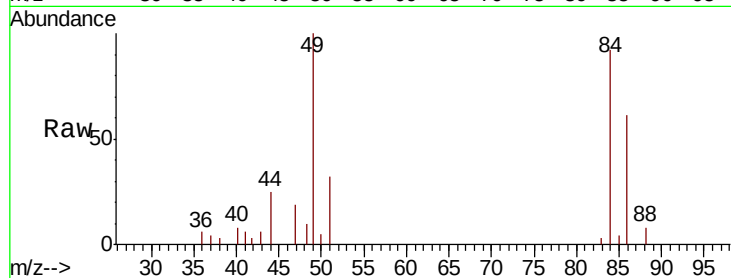
Tot Ion: 84 Resp: 6476

Ion Ratio Lower Upper

84 100

86 65.9 44.7 82.9

49 108.2 86.2 160.2



#21

2-Butanone

Concen: 5.001 ug/L

RT: 4.77 min Scan# 1067

Delta R.T. 0.01 min

Lab File: VU036016.D

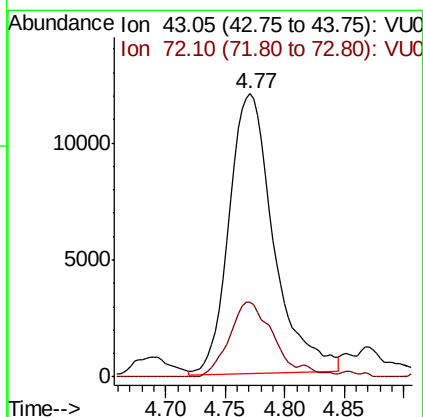
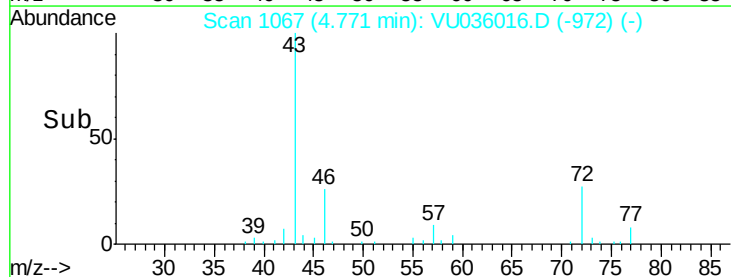
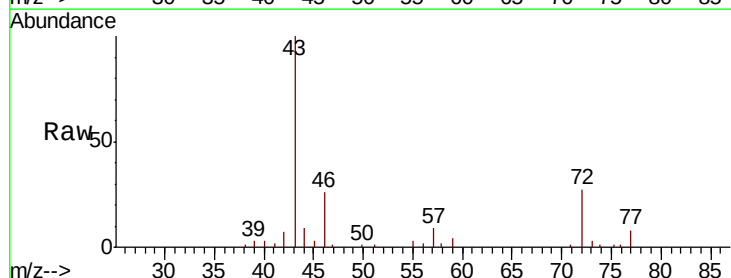
Acq: 06 Dec 2019 11:59

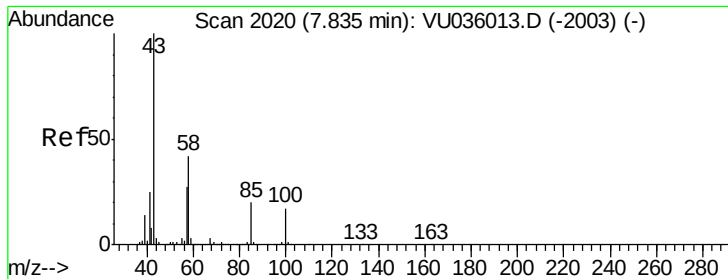
Tgt Ion: 43 Resp: 31075

Ion Ratio Lower Upper

43 100

72 25.4 12.6 37.8

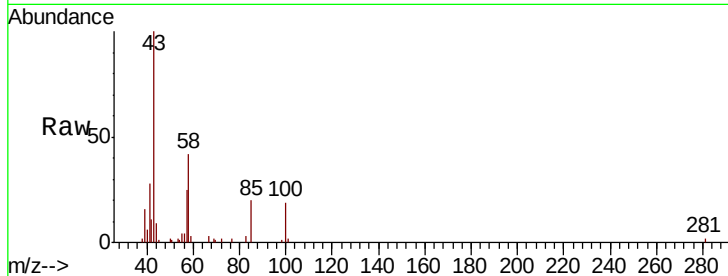




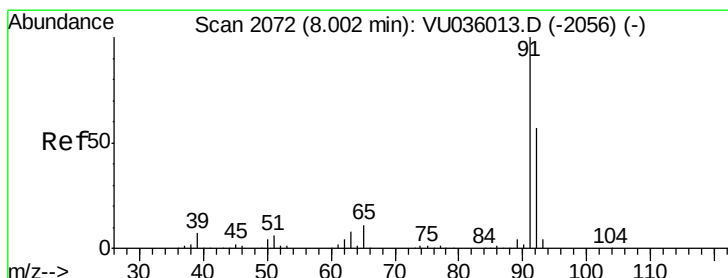
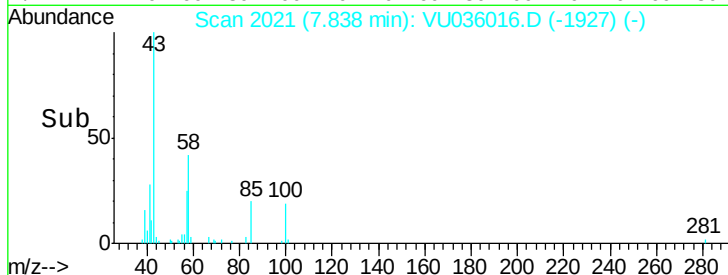
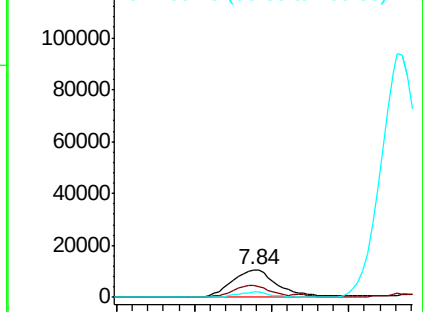
#40
4-Methyl-2-pentanone
Concen: 1.559 ug/L
RT: 7.84 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VU036016.D
Acq: 06 Dec 2019 11:59

Instrument :
MSVOA_U
ClientSampleId :
BFQX3

Tot Ion: 43 Resp: 22023
Ion Ratio Lower Upper
43 100
58 35.4 32.3 48.5
100 0.0 11.7 17.5#

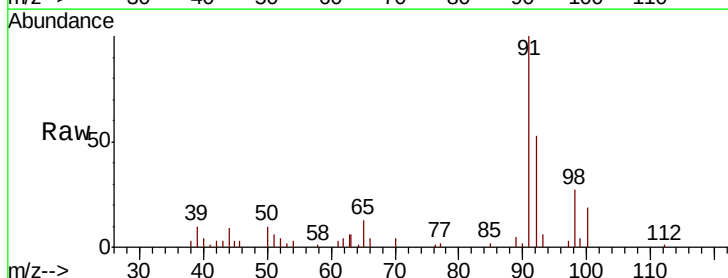


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 100.15 (99.85 to 100.85): VU0



#42
Toluene
Concen: 0.159 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU036016.D
Acq: 06 Dec 2019 11:59

Tgt Ion: 91 Resp: 14712
Ion Ratio Lower Upper
91 100
92 52.7 39.8 74.0



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 92.15 (91.85 to 92.85): VU0

