

Data File : VU034758.D
Acq On : 24 Sep 2019 01:14
Operator : JC/SP
Sample : K4932-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFD6M6

Quant Time: Sep 24 03:44:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	499335	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	488367	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	219562	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	208326	40.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.50%
7) Chloroethane-d5	1.67	69	174912	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.54%
11) 1,1-Dichloroethene-d2	2.26	63	297509	34.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.74%
21) 2-Butanone-d5	4.15	46	457003	116.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.65%
24) Chloroform-d	4.62	84	371941	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
26) 1,2-Dichloroethane-d4	5.29	65	274950	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
32) Benzene-d6	5.32	84	747239	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
36) 1,2-Dichloropropane-d6	6.31	67	264320	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.92%
41) Toluene-d8	7.54	98	714837	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.83	79	119341	47.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.20%
47) 2-Hexanone-d5	8.29	63	305237	114.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.87%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	355796	48.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.94%
64) 1,2-Dichlorobenzene-d4	11.84	152	242896	52.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.52%

Target Compounds

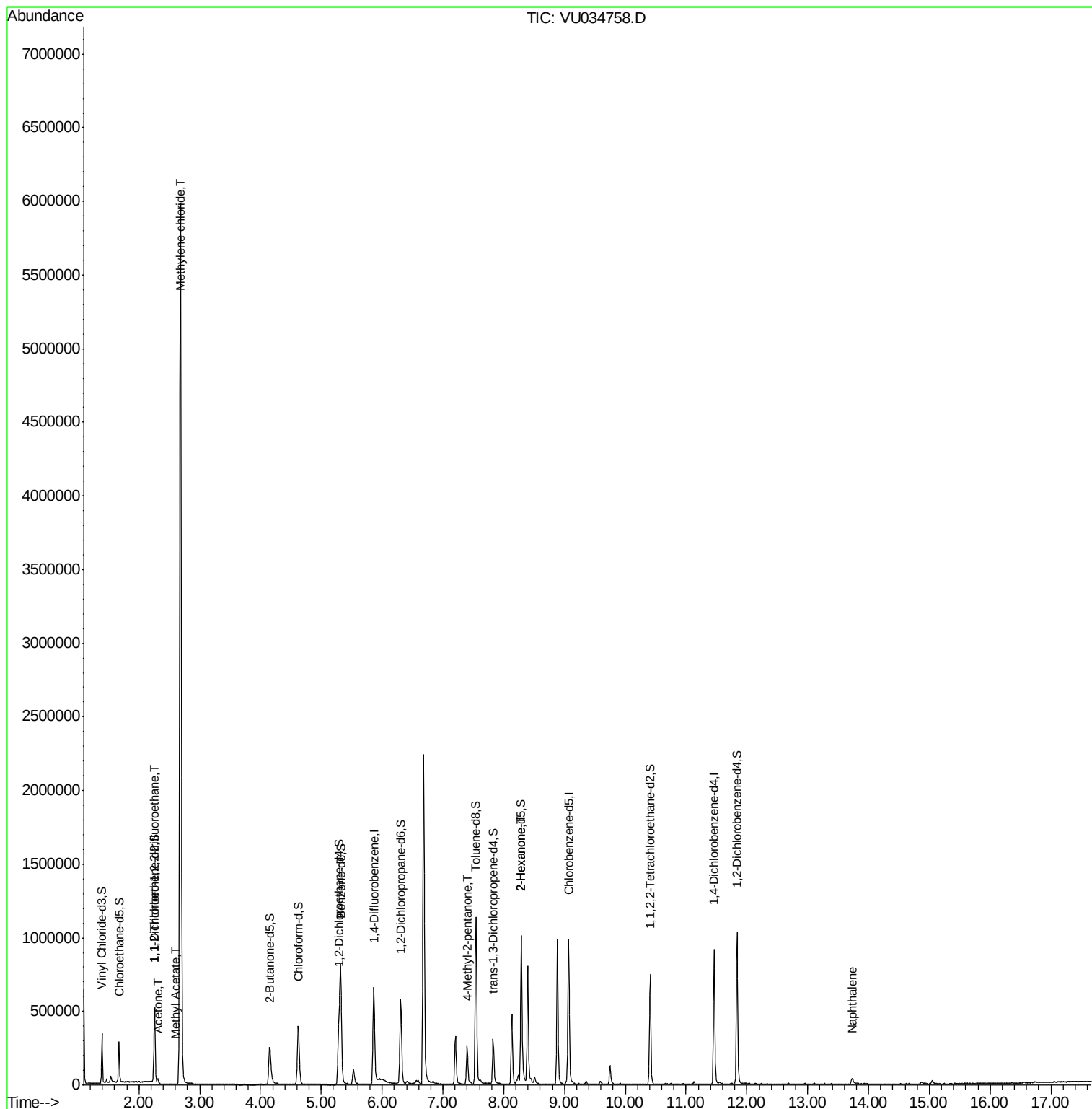
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2455	0.721	ug/L #	24
13) Acetone	2.31	43	38028	8.344	ug/L	98
15) Methyl Acetate	2.61	43	6004	0.986	ug/L	94
16) Methylene chloride	2.69	84	2288858	553.089	ug/L	99
40) 4-Methyl-2-pentanone	7.40	43	106971	11.110	ug/L #	58
48) 2-Hexanone	8.29	43	148726	19.777	ug/L #	52
69) Naphthalene	13.73	128	41853	3.018	ug/L #	97

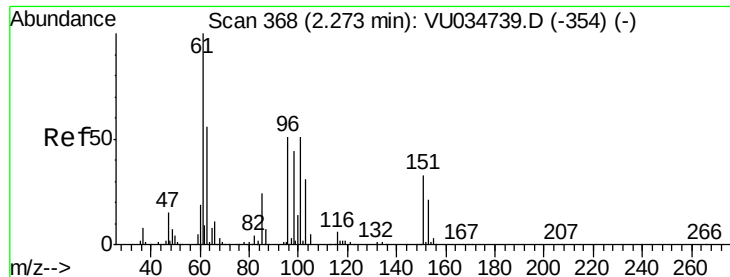
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.721 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU034758.D

Acq: 24 Sep 2019 01:14

Instrument :

MSVOA_U

ClientSampleId :

BFD6

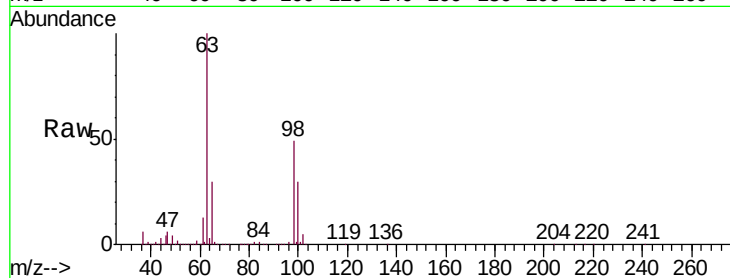
Tgt Ion:101 Resp: 2455

Ion Ratio Lower Upper

101 100

85 2.7 39.0 58.4#

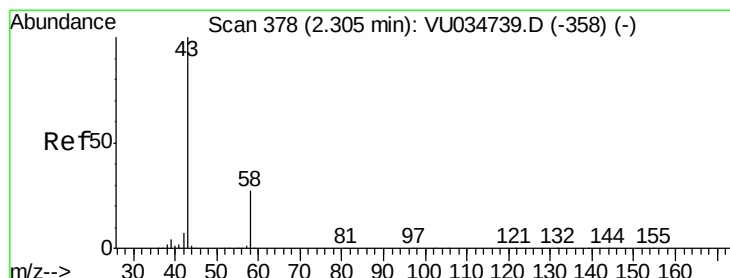
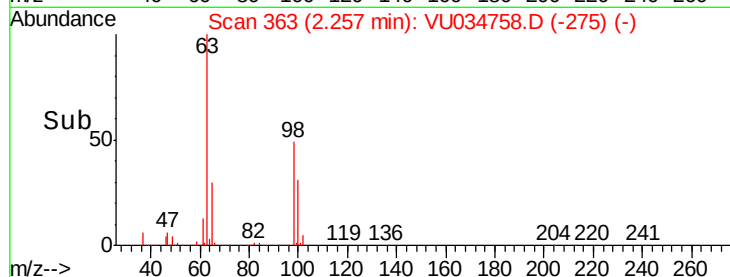
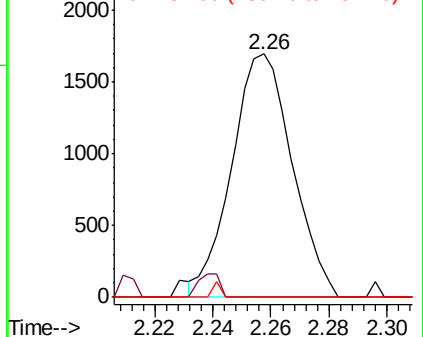
151 0.0 52.8 79.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 8.344 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

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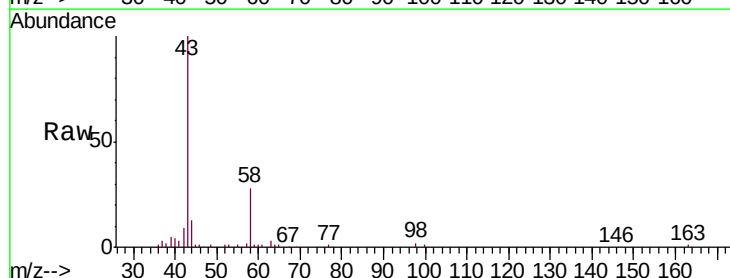
Acq: 24 Sep 2019 01:14

Tgt Ion: 43 Resp: 38028

Ion Ratio Lower Upper

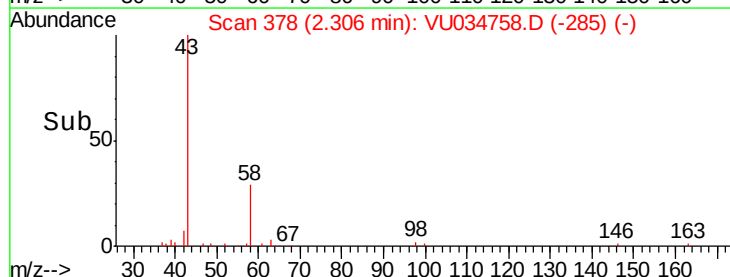
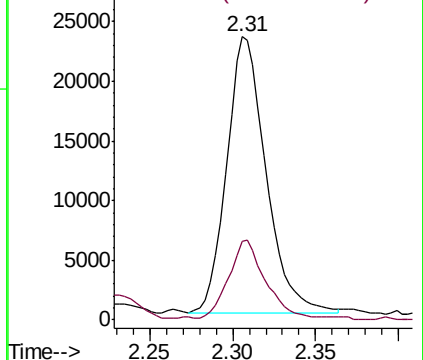
43 100

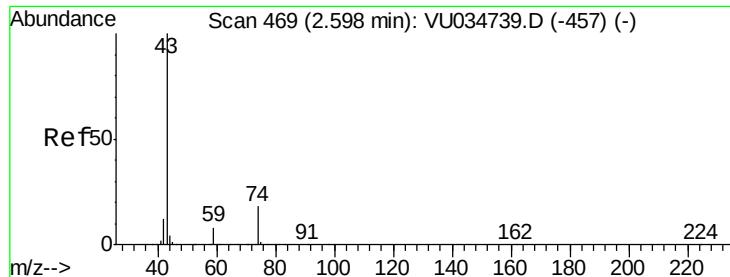
58 27.7 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

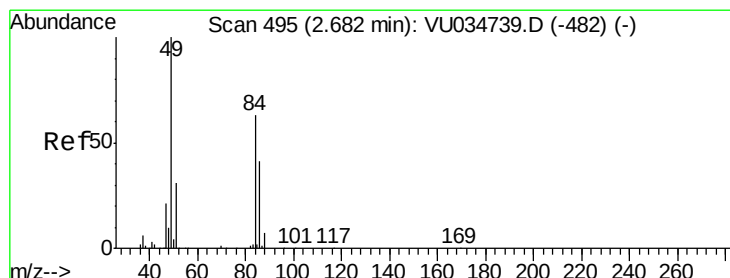
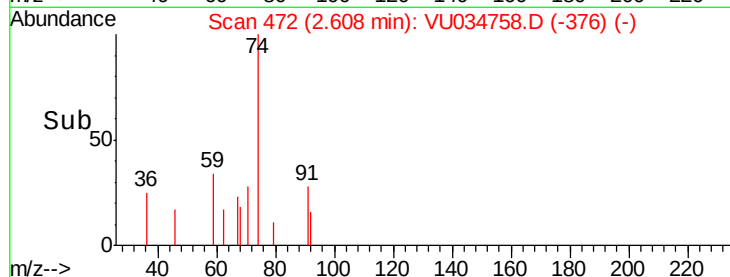
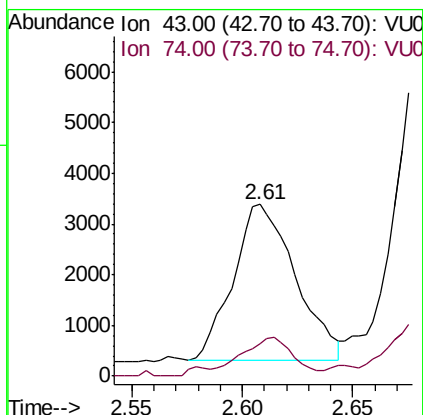
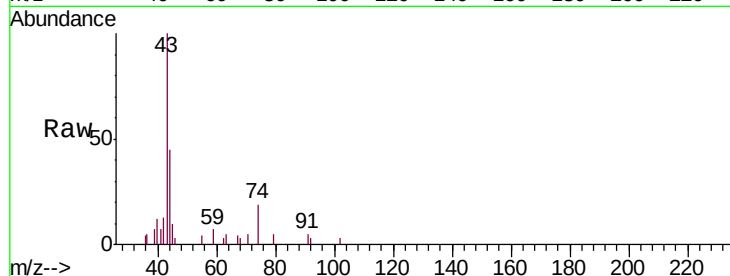




#15
Methyl Acetate
Concen: 0.986 ug/L
RT: 2.61 min Scan# 472
Delta R.T. 0.01 min
Lab File: VU034758.D
Acq: 24 Sep 2019 01:14

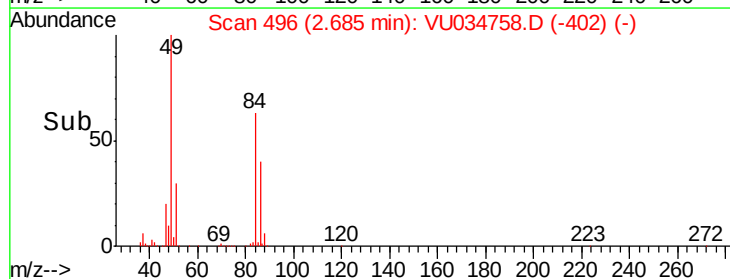
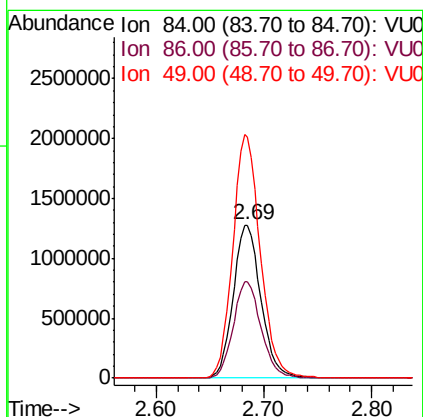
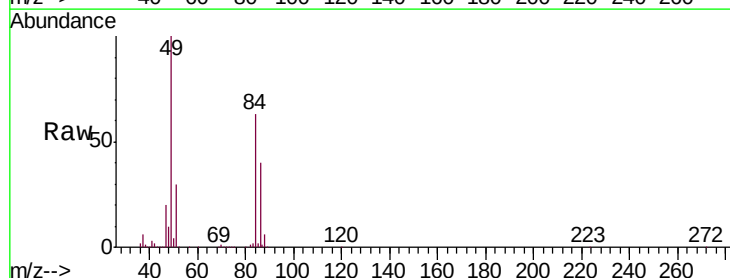
Instrument :
MSVOA_U
ClientSampled :
BFDM6

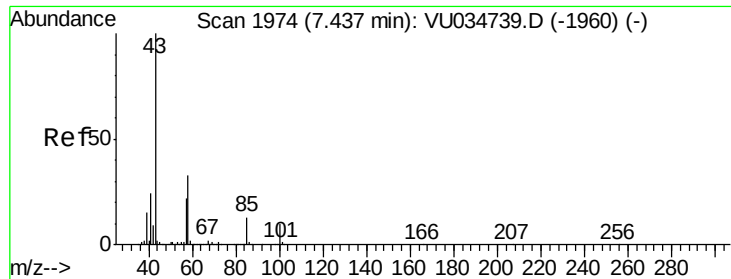
Tgt Ion: 43 Resp: 6004
Ion Ratio Lower Upper
43 100
74 15.4 14.4 21.6



#16
Methylene chloride
Concen: 553.089 ug/L
RT: 2.69 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034758.D
Acq: 24 Sep 2019 01:14

Tgt Ion: 84 Resp: 2288858
Ion Ratio Lower Upper
84 100
86 63.2 43.0 80.0
49 157.5 109.7 203.7

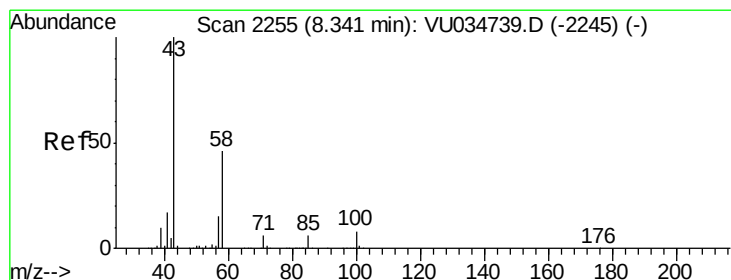
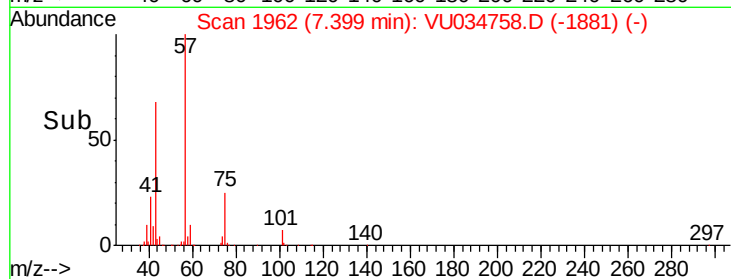
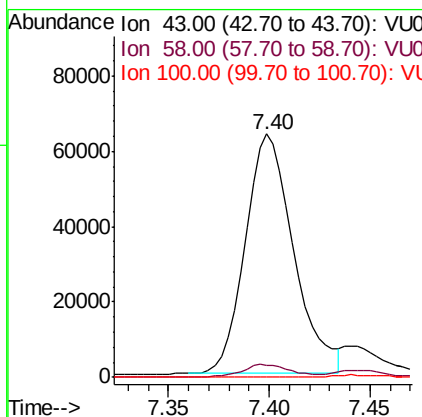
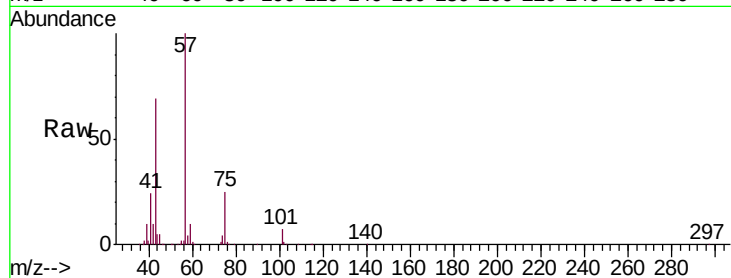




#40
 4-Methyl-2-pentanone
 Concen: 11.110 ug/L
 RT: 7.40 min Scan# 1962
 Delta R.T. -0.04 min
 Lab File: VU034758.D
 Acq: 24 Sep 2019 01:14

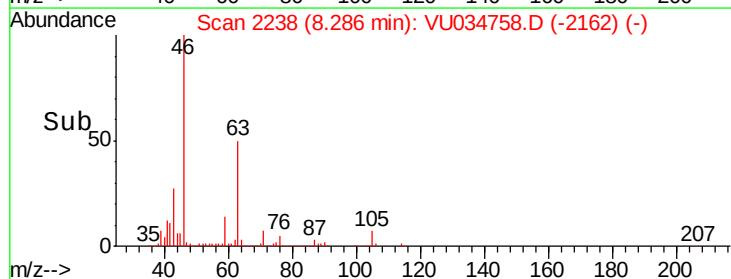
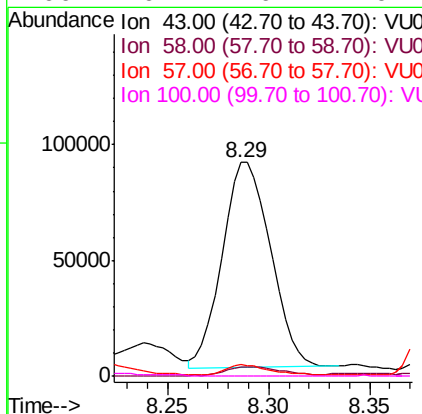
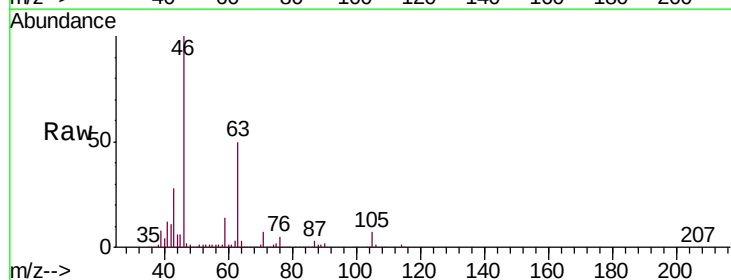
Instrument :
 MSVOA_U
 ClientSampleId :
 BFD6

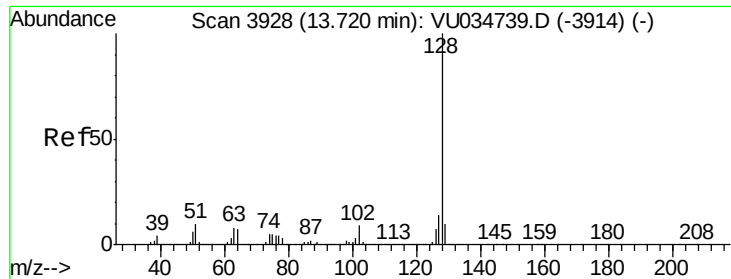
Tgt Ion: 43 Resp: 106971
 Ion Ratio Lower Upper
 43 100
 58 5.3 25.2 37.8#
 100 0.0 7.7 11.5#



#48
 2-Hexanone
 Concen: 19.777 ug/L
 RT: 8.29 min Scan# 2238
 Delta R.T. -0.05 min
 Lab File: VU034758.D
 Acq: 24 Sep 2019 01:14

Tgt Ion: 43 Resp: 148726
 Ion Ratio Lower Upper
 43 100
 58 5.3 35.3 52.9#
 57 4.7 12.1 18.1#
 100 0.1 6.2 9.4#





#69

Naphthalene

Concen: 3.018 ug/L

RT: 13.73 min Scan# 3930

Delta R.T. 0.01 min

Lab File: VU034758.D

Acq: 24 Sep 2019 01:14

Instrument :

MSVOA_U

ClientSampleId :

BFDM6

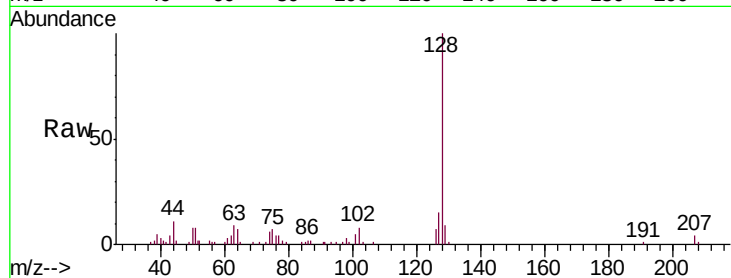
Tgt Ion:128 Resp: 41853

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 8.4 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

