

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036488.D
 Acq On : 15 Jan 2020 23:49
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 06:55:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 06:52:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	521584	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	484654	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	216386	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	153578	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.84%
7) Chloroethane-d5	1.93	69	138799	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.82%
11) 1,1-Dichloroethene-d2	2.59	63	228410	35.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.36%
21) 2-Butanone-d5	4.68	46	295578	101.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.67%
24) Chloroform-d	5.11	84	317628	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	5.75	65	220972	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
32) Benzene-d6	5.77	84	659574	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.08%
36) 1,2-Dichloropropane-d6	6.73	67	213426	51.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.54%
41) Toluene-d8	7.93	98	622843	51.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.90%
43) trans-1,3-Dichloropropene-	8.21	79	109912	49.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.00%
47) 2-Hexanone-d5	8.67	63	225582	106.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.79%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	309469	49.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.82%
64) 1,2-Dichlorobenzene-d4	12.21	152	229902	53.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.88%

Target Compounds

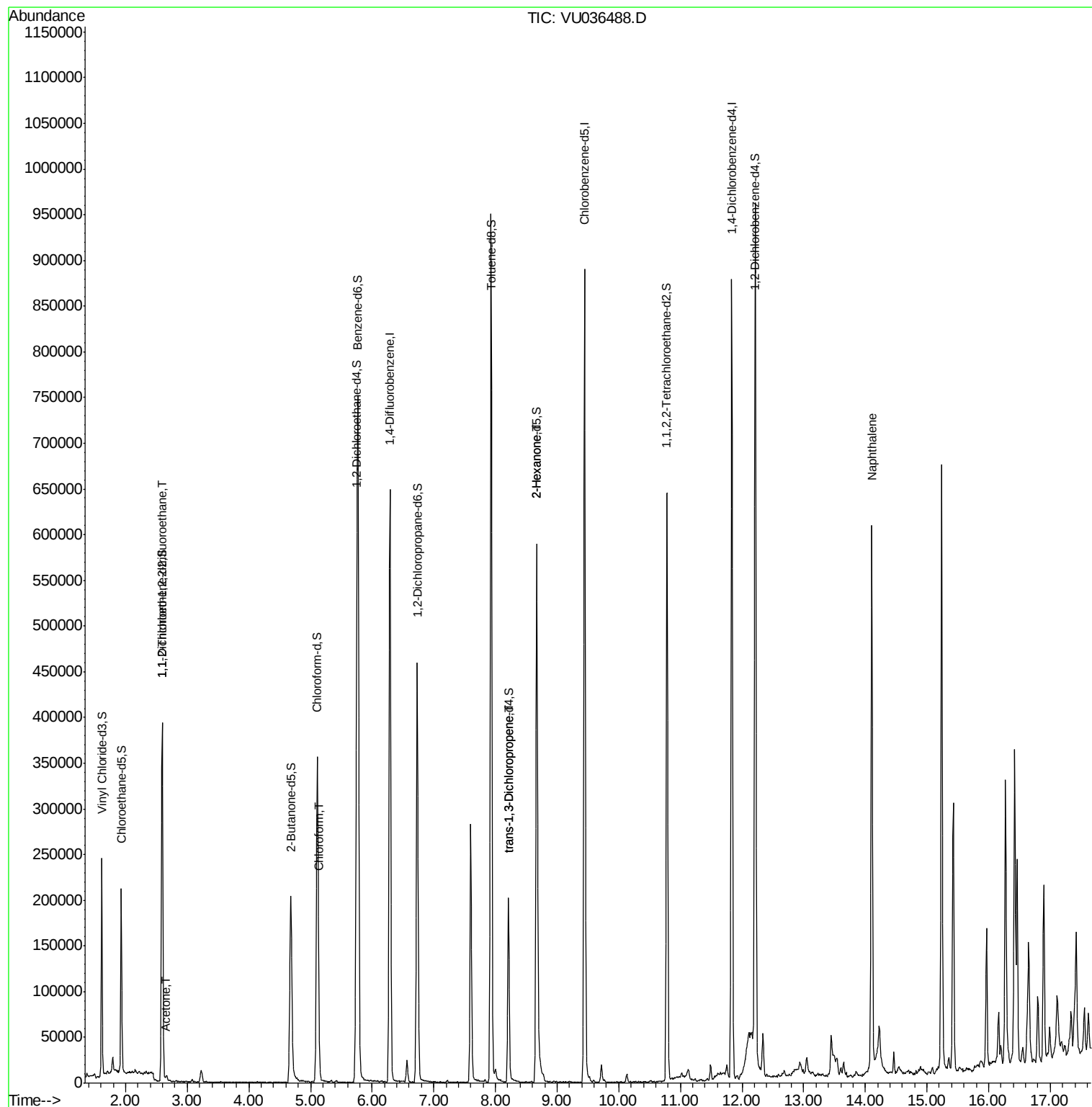
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2267	0.729	ug/L #	24
13) Acetone	2.66	43	6511	2.069	ug/L	77
25) Chloroform	5.14	83	18841	2.769	ug/L	91
44) trans-1,3-Dichloropropene	8.21	75	5535	1.000	ug/L	95
48) 2-Hexanone	8.67	43	24719	5.264	ug/L #	68
69) Naphthalene	14.10	128	458203	44.658	ug/L	99

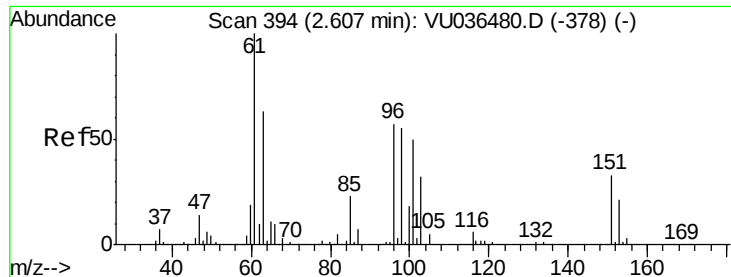
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 16 06:52:15 2020
Response via : Initial Calibration





#10

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

Concen: 0.729 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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Acq: 15 Jan 2020 23:49

Instrument :

MSVOA_U

ClientSampleId :

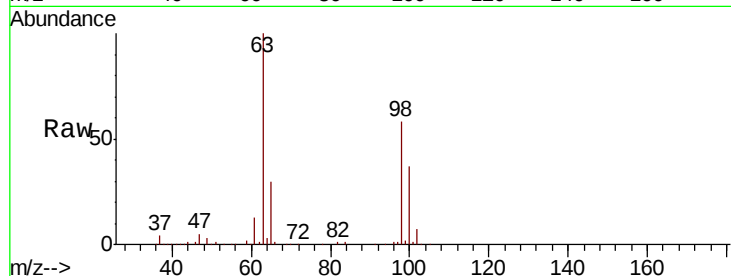
Tot Ion:101 Resp: 2267

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

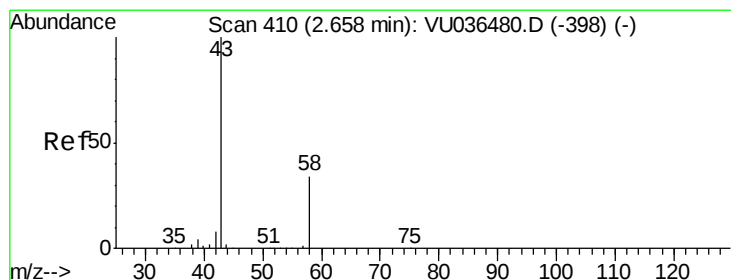
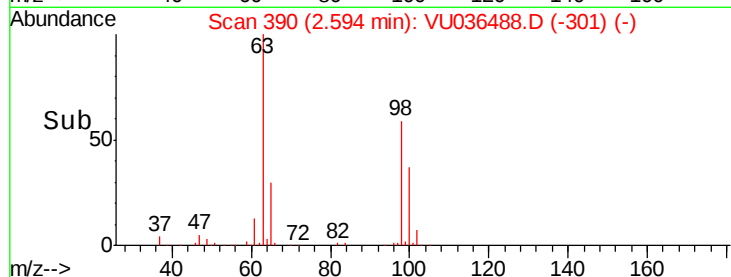
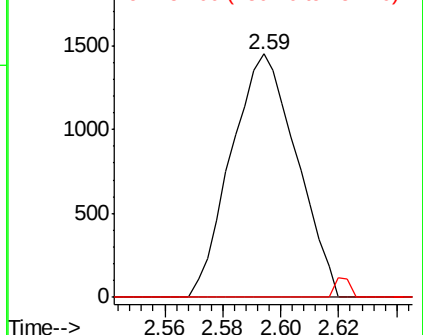
151 1.9 53.3 79.9#



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: 2.069 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU036488.D

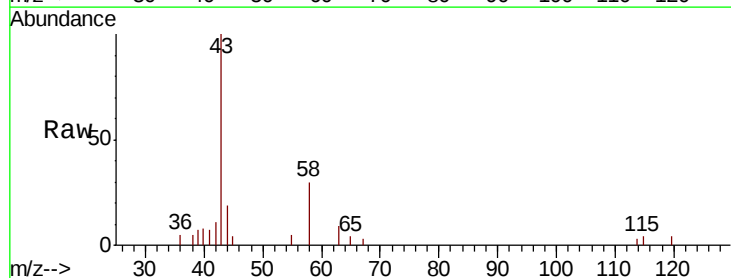
Acq: 15 Jan 2020 23:49

Tgt Ion: 43 Resp: 6511

Ion Ratio Lower Upper

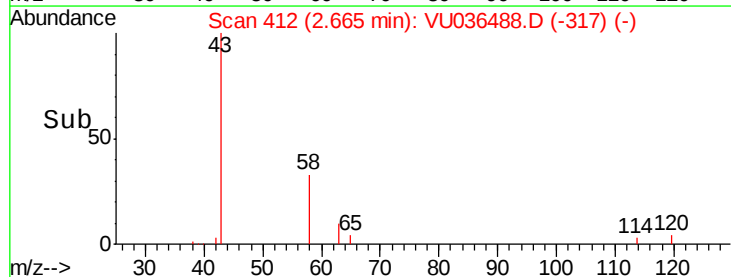
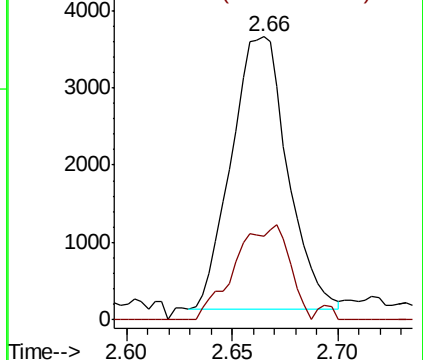
43 100

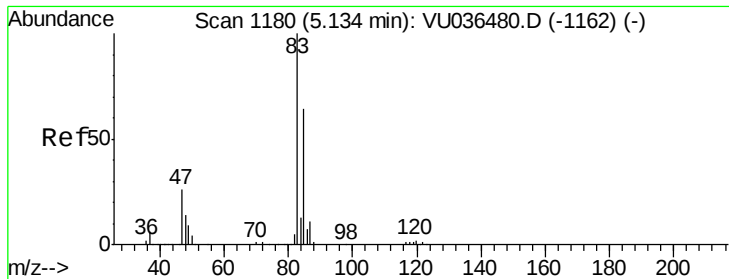
58 19.7 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#25

Chloroform

Concen: 2.769 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU036488.D

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Instrument :

MSVOA_U

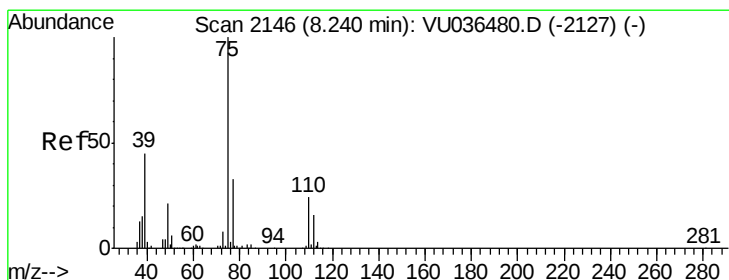
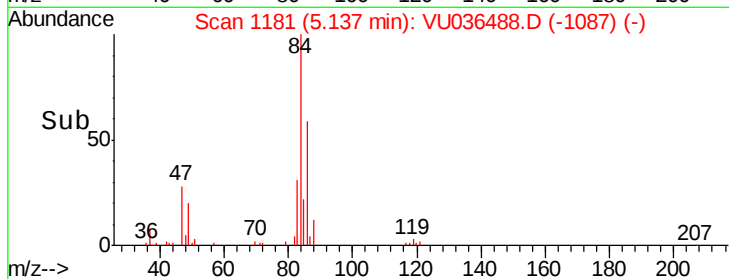
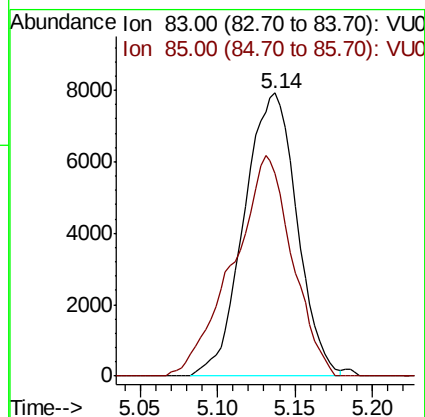
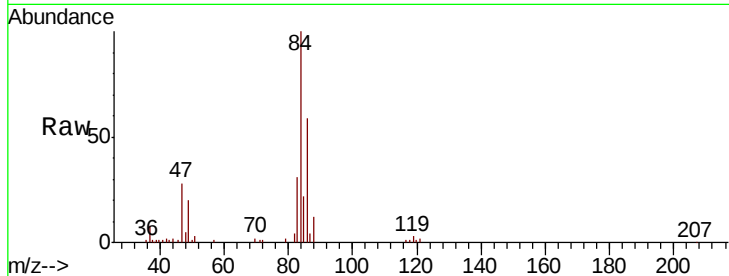
ClientSampleId :

Tot Ion: 83 Resp: 18841

Ion Ratio Lower Upper

83 100

85 71.8 45.1 83.9



#44

trans-1,3-Dichloropropene

Concen: 1.000 ug/L

RT: 8.21 min Scan# 2137

Delta R.T. -0.03 min

Lab File: VU036488.D

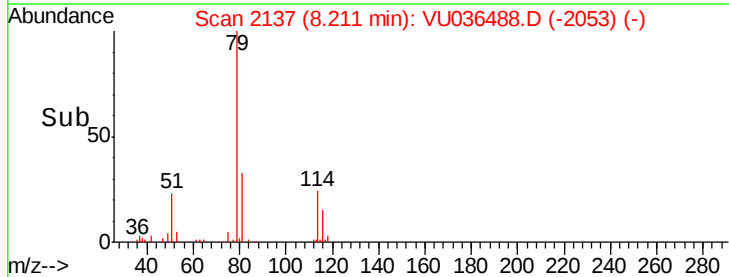
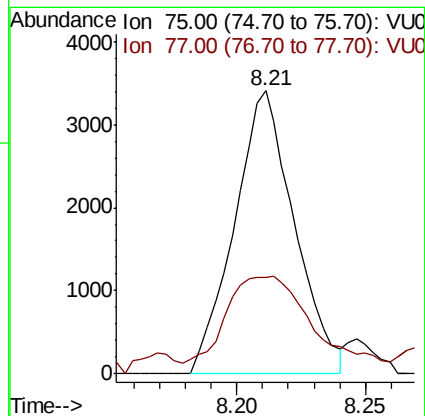
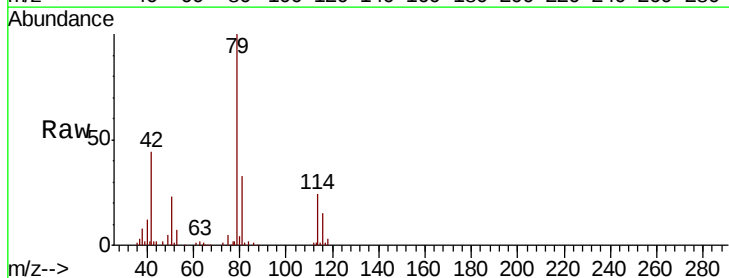
Acq: 15 Jan 2020 23:49

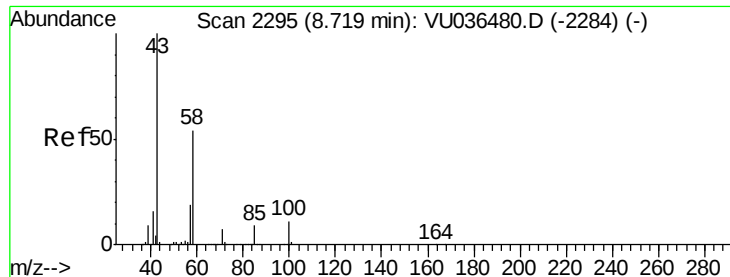
Tgt Ion: 75 Resp: 5535

Ion Ratio Lower Upper

75 100

77 34.0 21.8 40.4

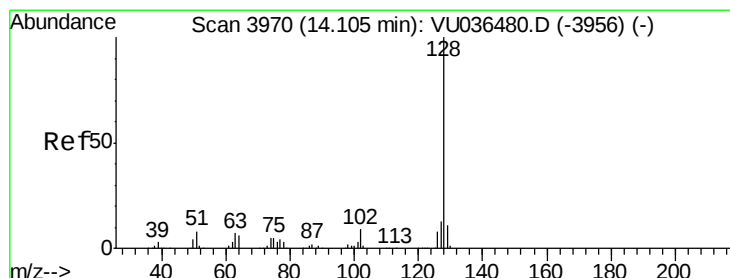
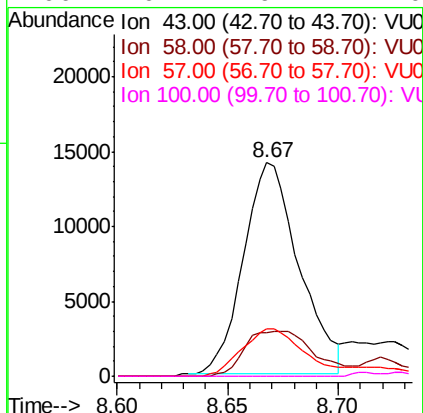
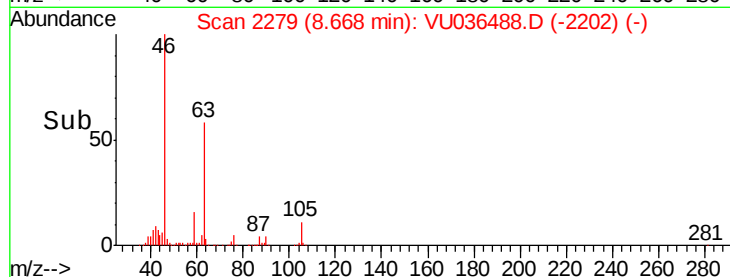
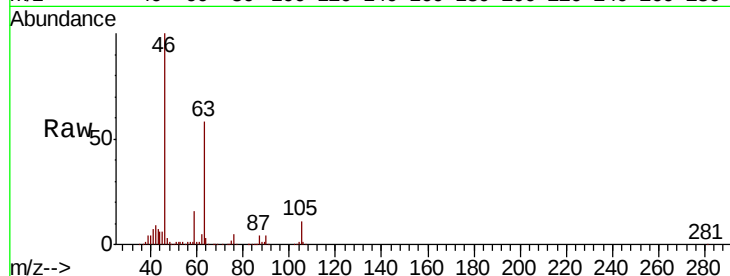




#48
2-Hexanone
Concen: 5.264 ug/L
RT: 8.67 min Scan# 2279
Delta R.T. -0.05 min
Lab File: VU036488.D
Acq: 15 Jan 2020 23:49

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 24719
Ion Ratio Lower Upper
43 100
58 26.8 43.7 65.5#
57 24.5 14.7 22.1#
100 0.7 9.4 14.0#



#69
Naphthalene
Concen: 44.658 ug/L
RT: 14.10 min Scan# 3970
Delta R.T. -0.00 min
Lab File: VU036488.D
Acq: 15 Jan 2020 23:49

Tgt Ion: 128 Resp: 458203
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.9 8.6 12.8

