

Data File : VU036431.D
Acq On : 10 Jan 2020 16:28
Operator : JC/MD
Sample : L1090-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOQ1

Quant Time: Jan 10 23:00:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 10 22:57:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	481182	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	460694	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	177587	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122483	32.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.34%
7) Chloroethane-d5	1.93	69	119744	37.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.72%
11) 1,1-Dichloroethene-d2	2.69	63	438	0.07	ug/L	0.09
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.14%#
21) 2-Butanone-d5	4.68	46	262563	94.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.04%
24) Chloroform-d	5.11	84	301061	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.74	65	209123	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
32) Benzene-d6	5.77	84	595290	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
36) 1,2-Dichloropropane-d6	6.73	67	198999	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.52%
41) Toluene-d8	7.93	98	547084	44.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.88%
43) trans-1,3-Dichloropropene-	8.21	79	102251	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.62%
47) 2-Hexanone-d5	8.67	63	184614	83.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.22%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	293106	44.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.86%
64) 1,2-Dichlorobenzene-d4	12.22	152	172631	46.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.68%

Target Compounds

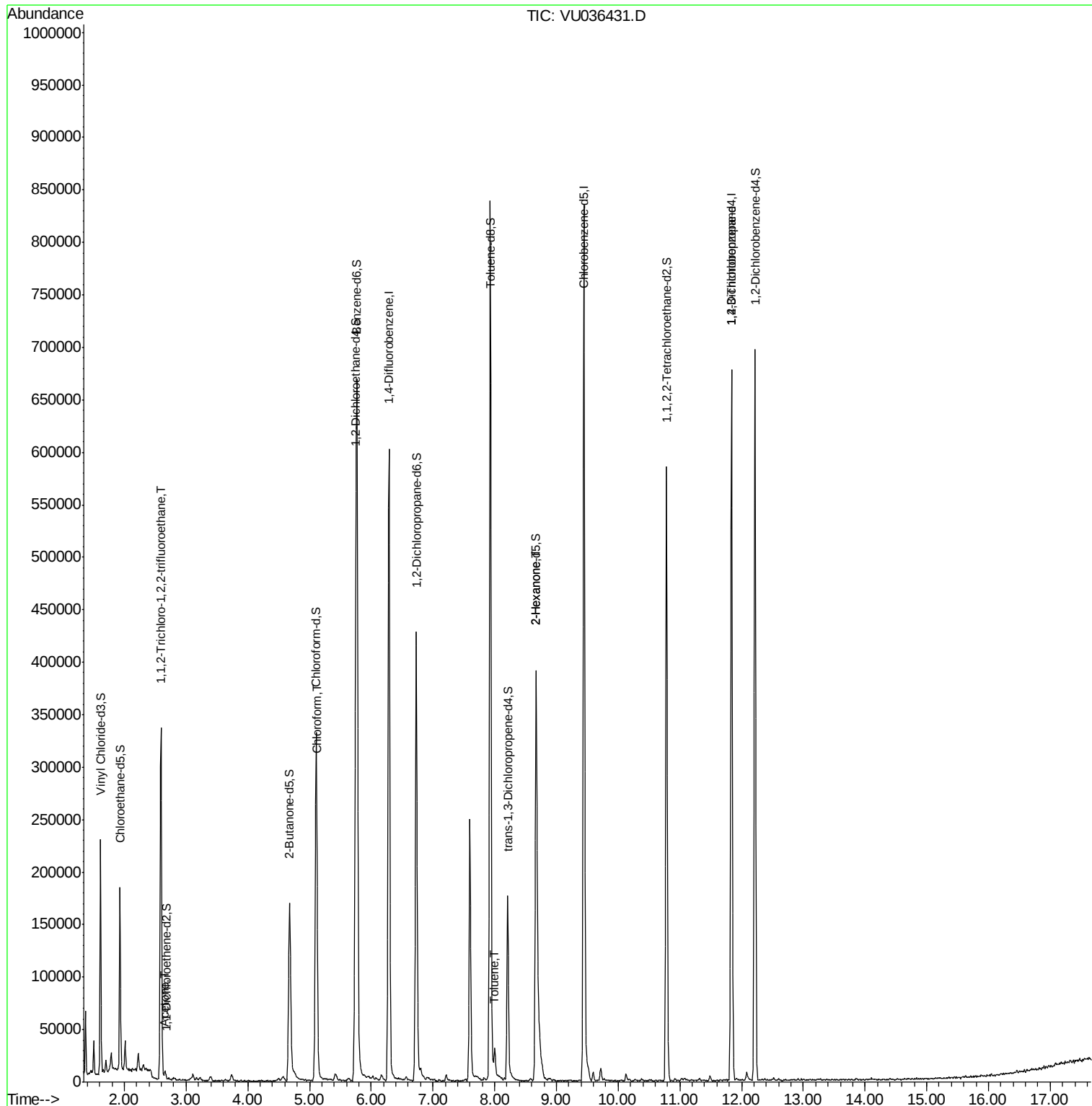
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2084	0.738 ug/L #	24
13) Acetone	2.66	43	6910	2.386 ug/L	98
25) Chloroform	5.13	83	8079	1.258 ug/L #	68
42) Toluene	8.00	91	14856	0.997 ug/L	88
48) 2-Hexanone	8.67	43	19566	4.083 ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	26706	5.194 ug/L	94

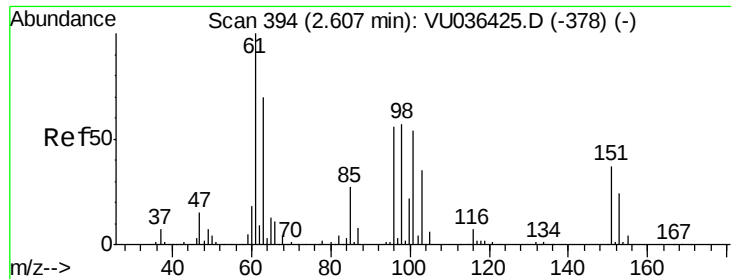
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.738 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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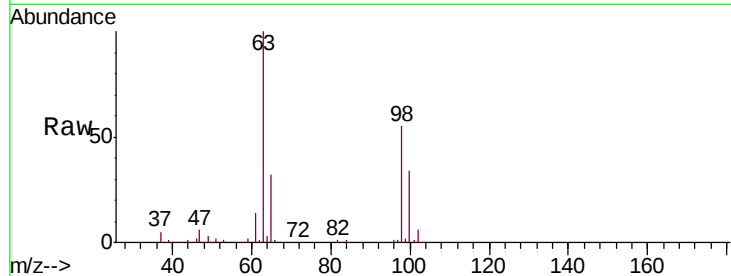
Tgt Ion:101 Resp: 2084

Ion Ratio Lower Upper

101 100

85 4.2 37.1 55.7#

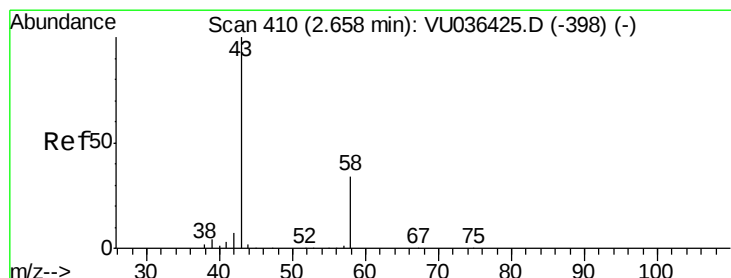
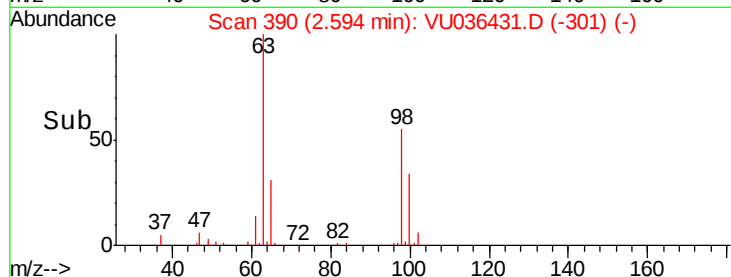
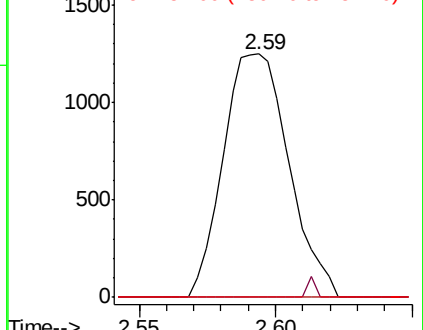
151 0.0 54.3 81.5#



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: 2.386 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

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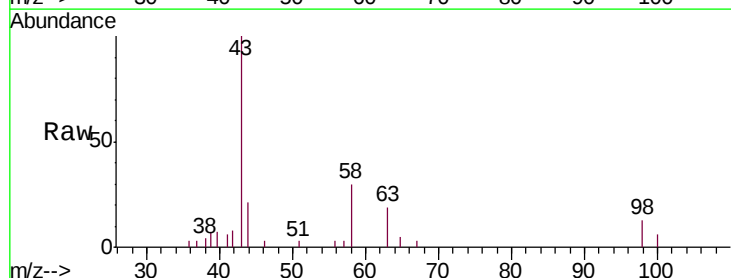
Acq: 10 Jan 2020 16:28

Tgt Ion: 43 Resp: 6910

Ion Ratio Lower Upper

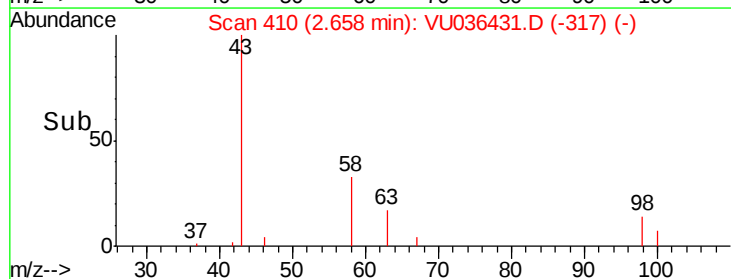
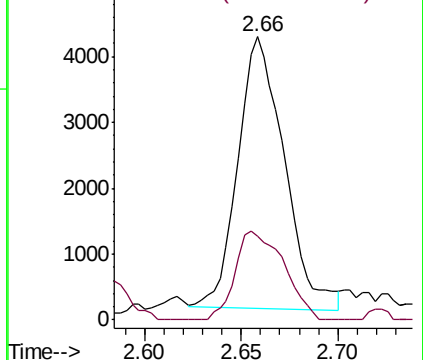
43 100

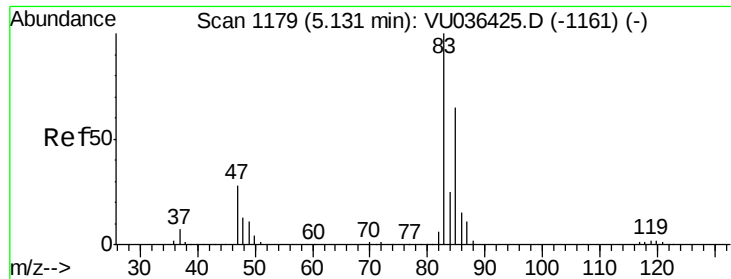
58 34.1 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

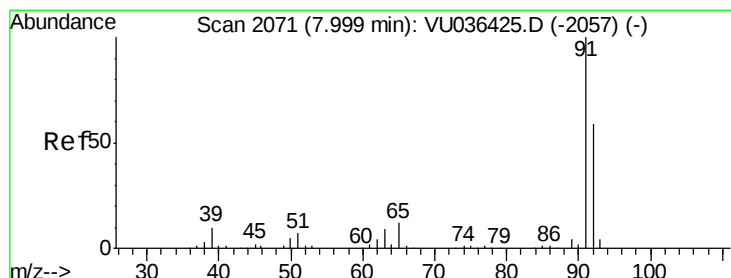
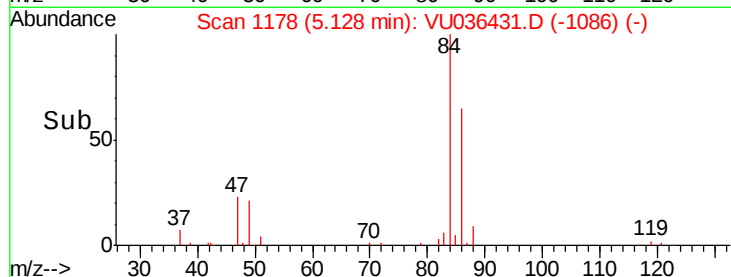
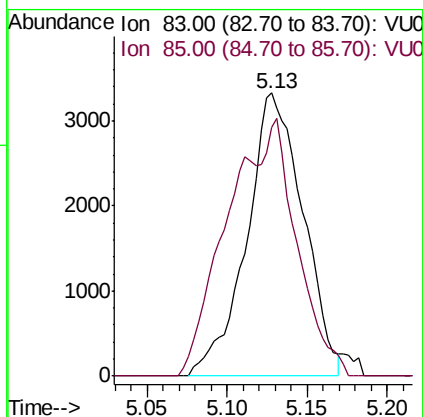
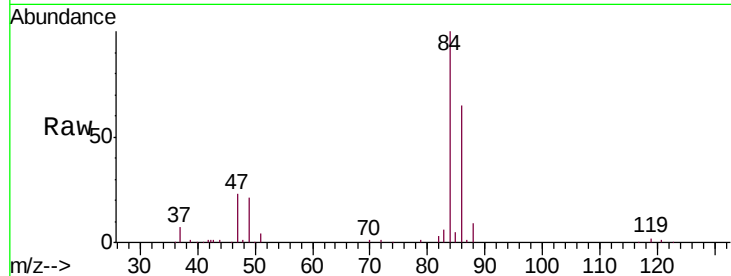




#25
Chloroform
Concen: 1.258 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
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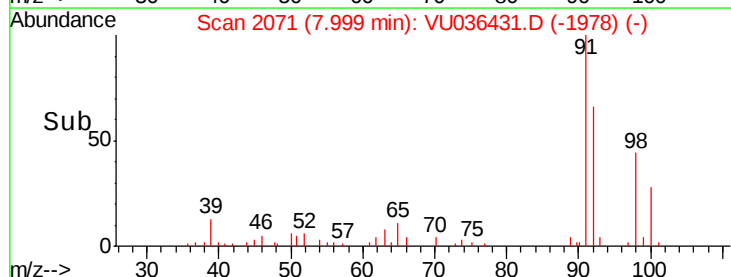
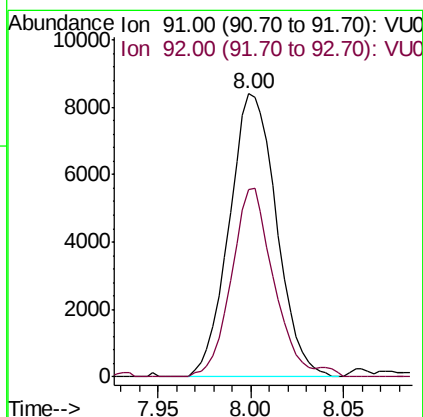
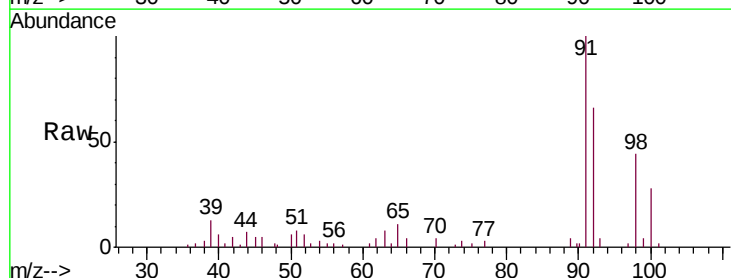
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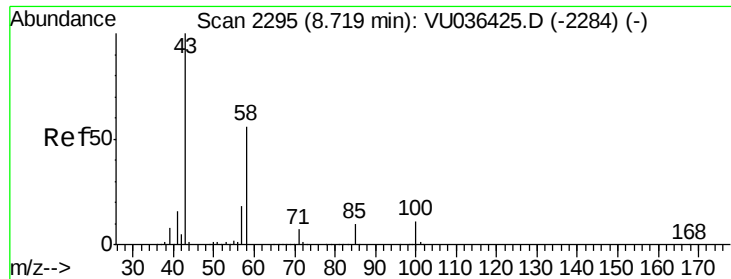
Tgt Ion: 83 Resp: 8079
Ion Ratio Lower Upper
83 100
85 87.8 43.9 81.5#



#42
Toluene
Concen: 0.997 ug/L
RT: 8.00 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VU036431.D
Acq: 10 Jan 2020 16:28

Tgt Ion: 91 Resp: 14856
Ion Ratio Lower Upper
91 100
92 66.1 39.8 74.0

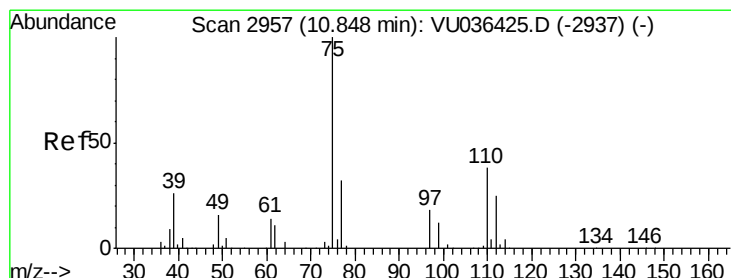
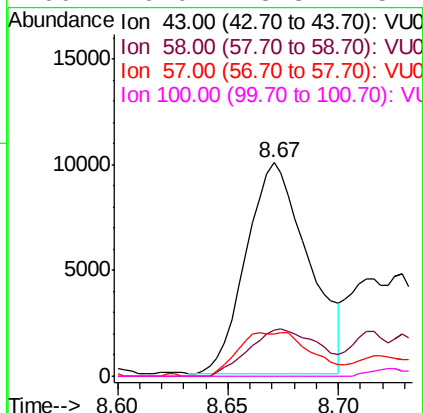
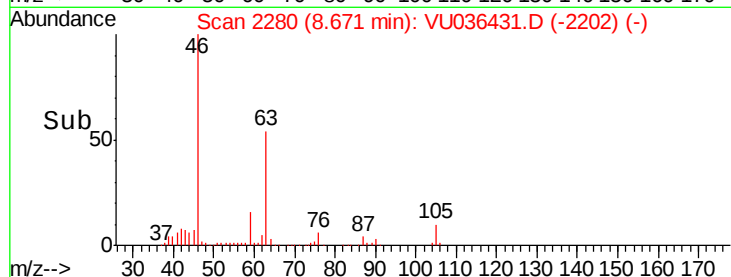
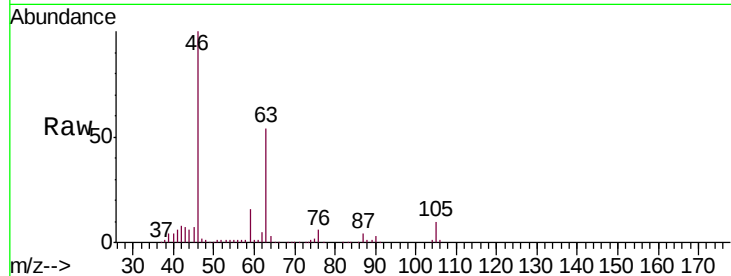




#48
 2-Hexanone
 Concen: 4.083 ug/L
 RT: 8.67 min Scan# 2280
 Delta R.T. -0.05 min
 Lab File: VU036431.D
 Acq: 10 Jan 2020 16:28

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ1

Tgt Ion: 43 Resp: 19566
 Ion Ratio Lower Upper
 43 100
 58 25.2 42.2 63.4#
 57 12.4 14.8 22.2#
 100 0.0 8.8 13.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.194 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036431.D
 Acq: 10 Jan 2020 16:28

Tgt Ion: 75 Resp: 26706
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.3 39.5

