

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052820\
 Data File : VU038352.D
 Acq On : 28 May 2020 17:43
 Operator : JC/MD
 Sample : L2751-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 29 04:34:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	582299	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	560196	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	267240	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	204768	56.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.04%
7) Chloroethane-d5	1.93	69	159898	56.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.24%
11) 1,1-Dichloroethene-d2	2.59	63	306613	41.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.08%
21) 2-Butanone-d5	4.66	46	394045	113.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.46%
24) Chloroform-d	5.10	84	385311	53.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.36%
26) 1,2-Dichloroethane-d4	5.74	65	261726	53.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.40%
32) Benzene-d6	5.76	84	804233	55.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.50%
36) 1,2-Dichloropropane-d6	6.72	67	247042	54.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.50%
41) Toluene-d8	7.92	98	709755	55.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.32%
43) trans-1,3-Dichloropropene-	8.20	79	117954	52.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.02%
47) 2-Hexanone-d5	8.65	63	288434	121.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.41%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	351762	52.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.36%
64) 1,2-Dichlorobenzene-d4	12.20	152	277802	56.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.16%

Target Compounds

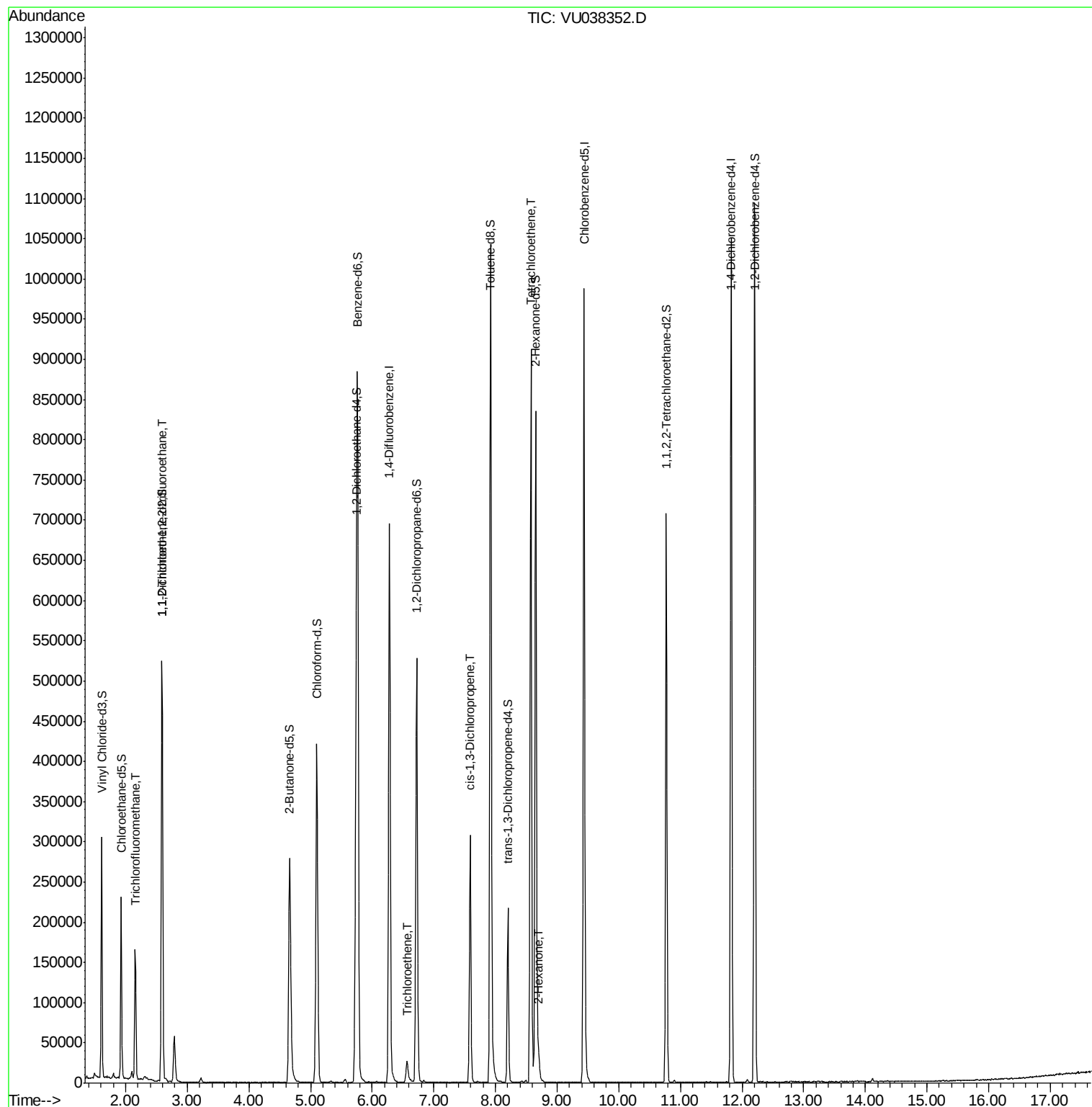
					Ovalue
9) Trichlorofluoromethane	2.16	101	103093	17.237 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2637	0.737 ug/L #	20
34) Trichloroethene	6.57	95	5502	1.367 ug/L	95
39) cis-1,3-Dichloropropene	7.59	75	6800	1.047 ug/L #	69
46) Tetrachloroethene	8.57	164	202263	68.728 ug/L	97
48) 2-Hexanone	8.71	43	16008	2.922 ug/L #	94

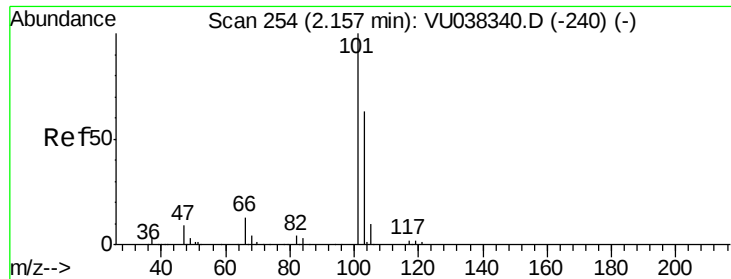
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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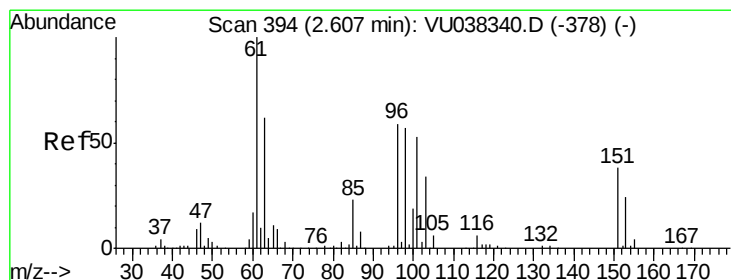
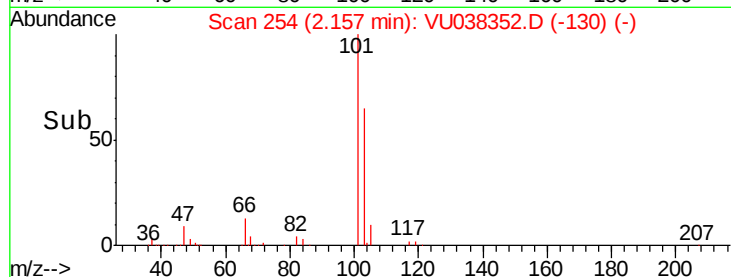
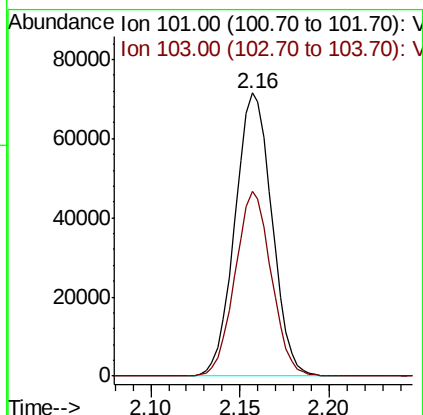
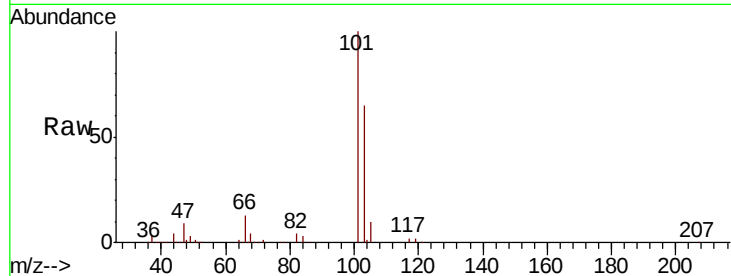


#9

Trichlorofluoromethane
 Concen: 17.237 ug/L
 RT: 2.16 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VU038352.D
 Acq: 28 May 2020 17:43

Instrument :
 MSVOA_U
 ClientSampleId :

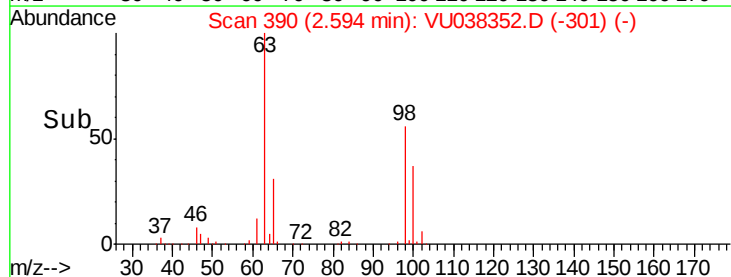
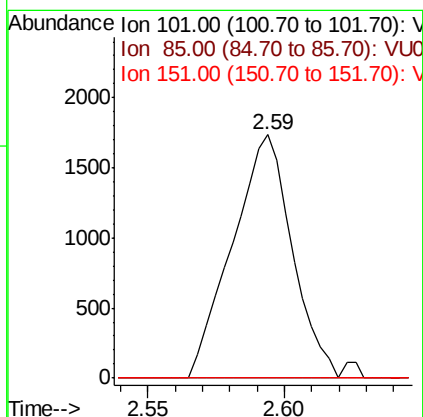
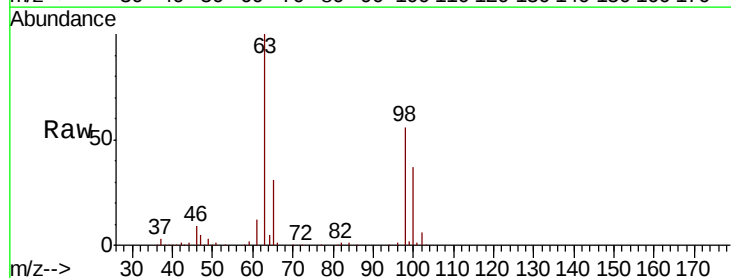
Tot Ion:101 Resp: 103093
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.0

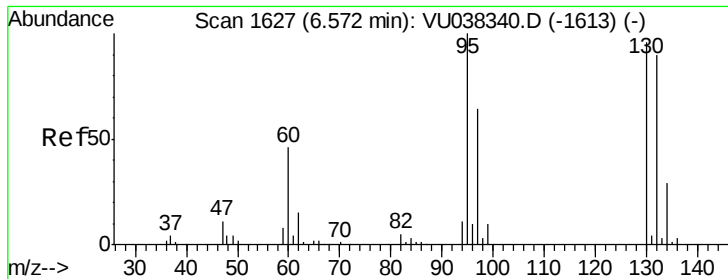


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.737 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU038352.D
 Acq: 28 May 2020 17:43

Tgt Ion:101 Resp: 2637
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.5 53.3#
 151 0.0 58.4 87.6#





#34

Trichloroethene

Concen: 1.367 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038352.D

Acq: 28 May 2020 17:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 95 Resp: 5502

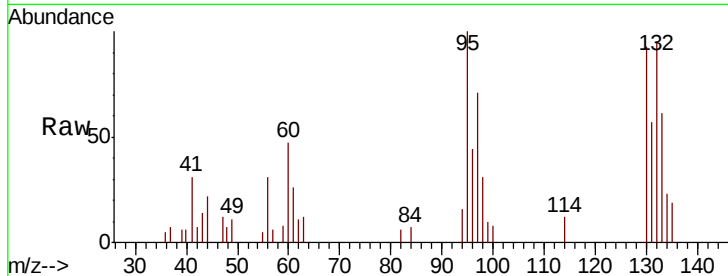
Ion Ratio Lower Upper

95 100

97 70.9 44.3 82.3

132 94.8 64.7 120.1

130 93.2 68.5 127.1

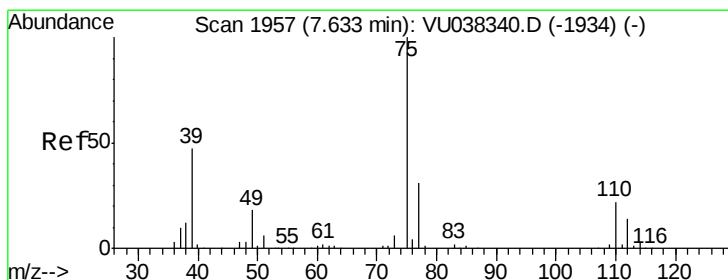
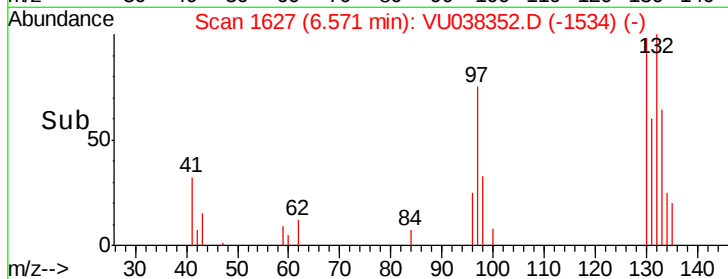
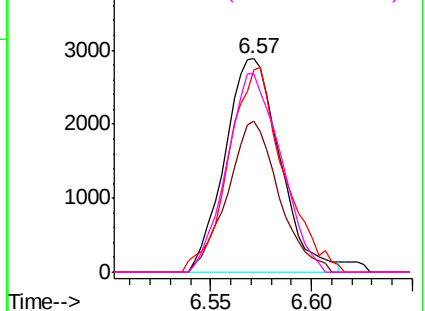


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#39

cis-1,3-Dichloropropene

Concen: 1.047 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU038352.D

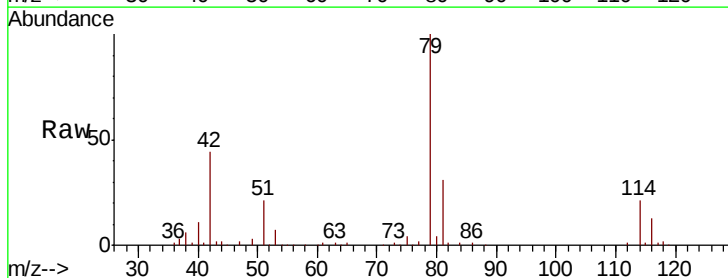
Acq: 28 May 2020 17:43

Tgt Ion: 75 Resp: 6800

Ion Ratio Lower Upper

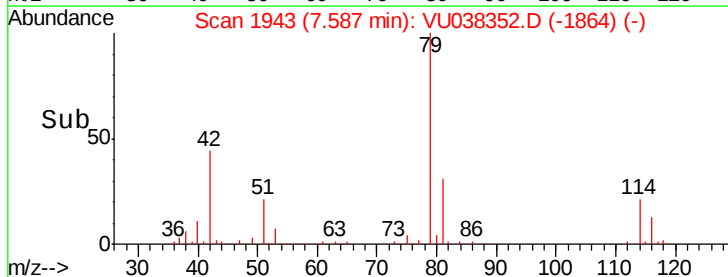
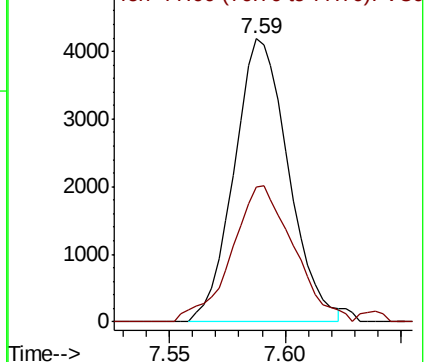
75 100

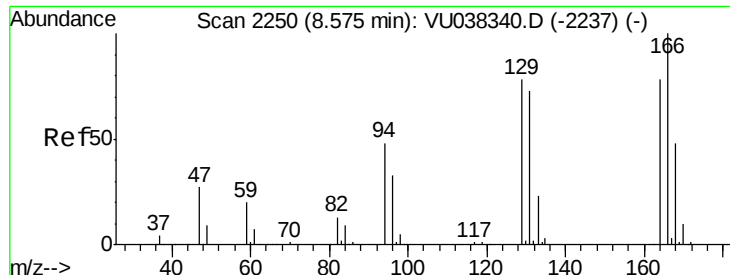
77 47.8 21.6 40.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 68.728 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038352.D

Acq: 28 May 2020 17:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 202263

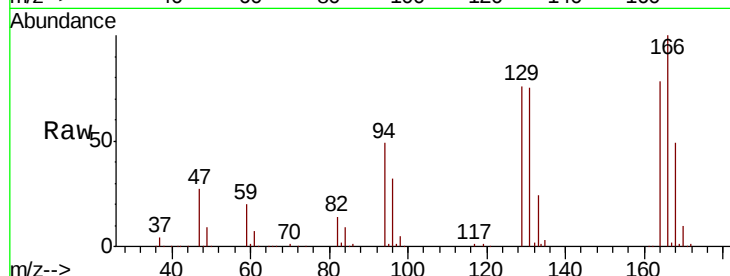
Ion Ratio Lower Upper

164 100

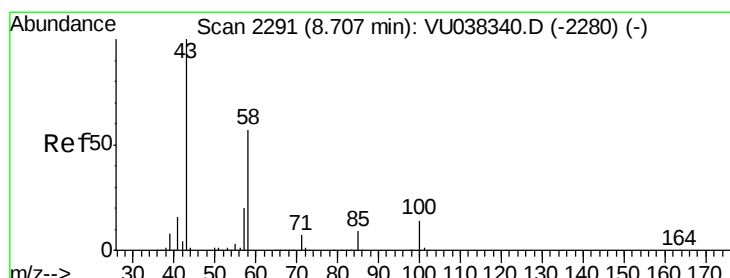
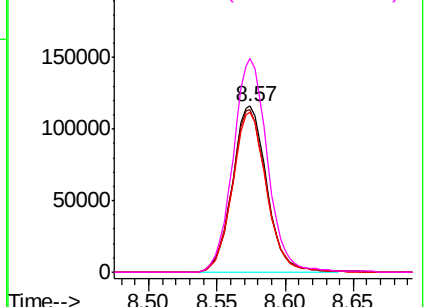
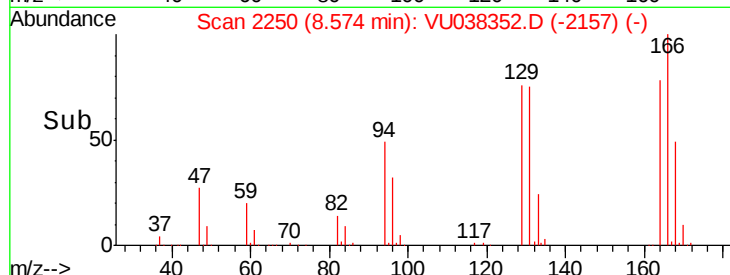
129 97.7 67.2 124.8

131 96.5 63.4 117.8

166 128.5 88.5 164.4



Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 2.922 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038352.D

Acq: 28 May 2020 17:43

Tgt Ion: 43 Resp: 16008

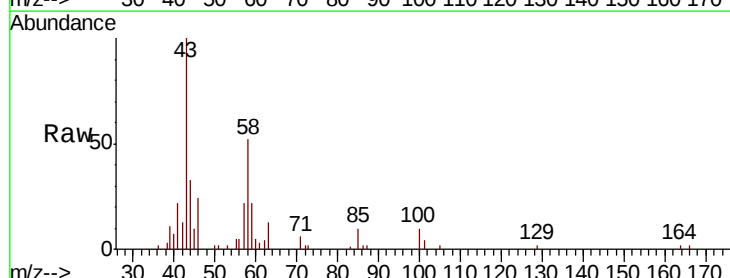
Ion Ratio Lower Upper

43 100

58 54.7 45.5 68.3

57 25.2 16.3 24.5#

100 9.0 10.5 15.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

