

Data File : VU036655.D
Acq On : 31 Jan 2020 21:21
Operator : JC/MD
Sample : VU0131WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK53

Quant Time: Feb 01 00:24:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 00:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	276532	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	254881	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	107707	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	127797	50.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.38%
7) Chloroethane-d5	1.91	69	102422	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.90%
11) 1,1-Dichloroethene-d2	2.59	63	153138	38.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.62%
21) 2-Butanone-d5	4.67	46	126989	81.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.82%
24) Chloroform-d	5.11	84	179075	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	5.75	65	126239	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
32) Benzene-d6	5.77	84	405915	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.73	67	133740	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.44%
41) Toluene-d8	7.93	98	370229	52.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	8.21	79	61712	50.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.06%
47) 2-Hexanone-d5	8.67	63	149947	106.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.08%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	181729	50.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.84%
64) 1,2-Dichlorobenzene-d4	12.21	152	116679	51.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

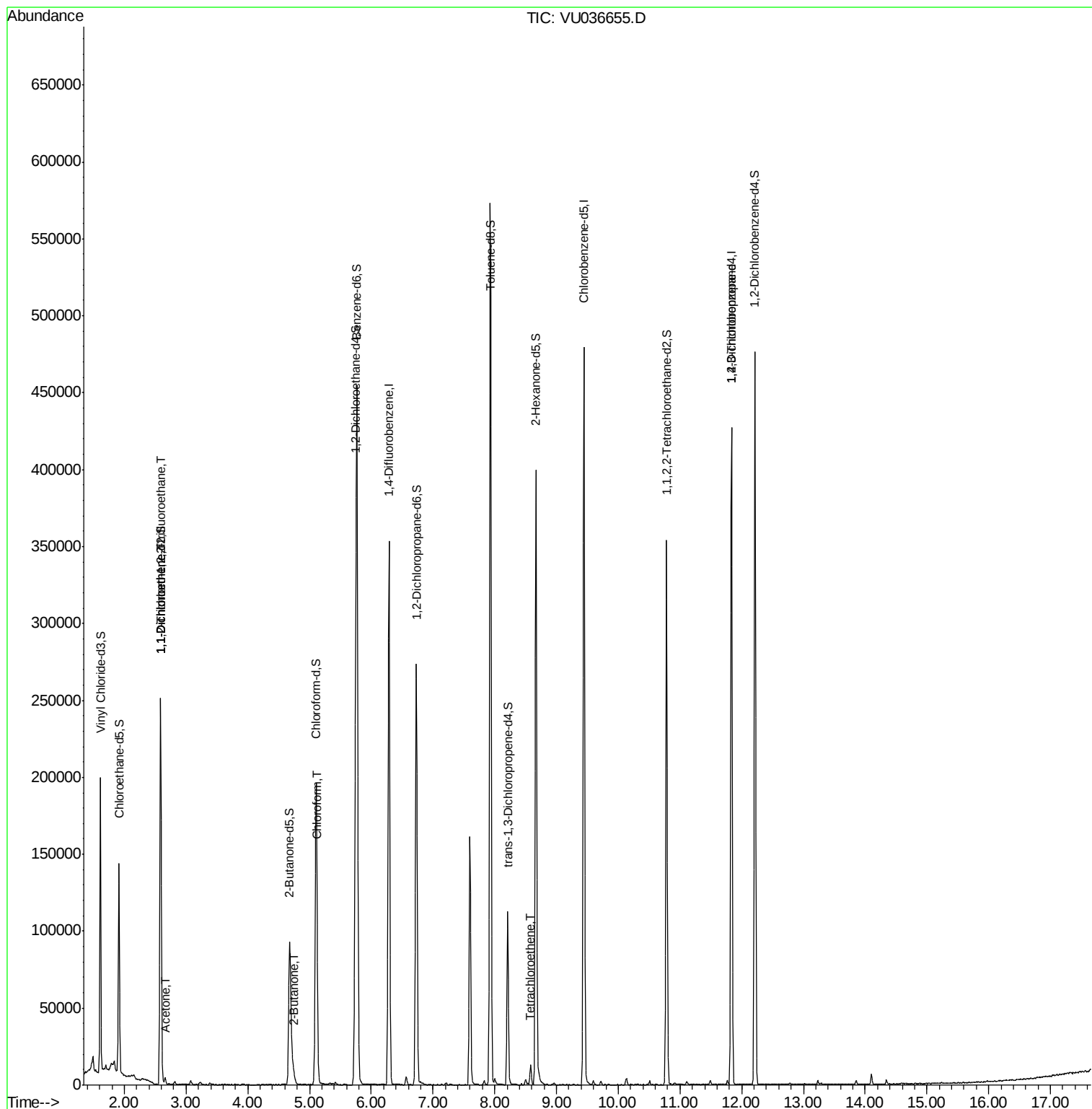
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1654	0.959 ug/L #	28
12) 1,1-Dichloroethene	2.59	96	1515	0.863 ug/L #	1
13) Acetone	2.66	43	4496	3.406 ug/L	98
22) 2-Butanone	4.75	43	10645	5.899 ug/L #	51
25) Chloroform	5.13	83	4957	1.385 ug/L	96
46) Tetrachloroethene	8.58	164	2624	1.805 ug/L	95
59) 1,2,3-Trichloropropane	11.83	75	15719	5.379 ug/L	94

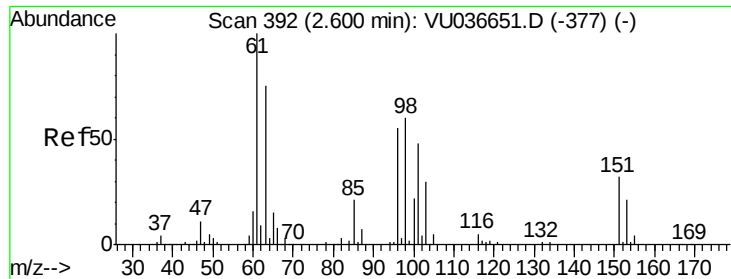
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.959 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

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VBLK53

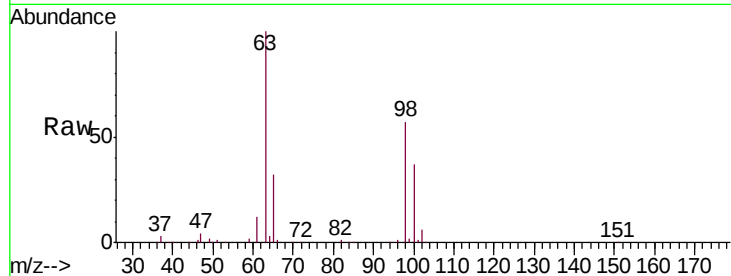
Tgt Ion: 101 Resp: 1654

Ion Ratio Lower Upper

101 100

85 5.6 35.8 53.8#

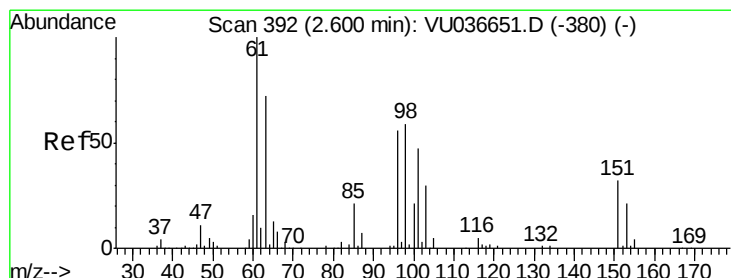
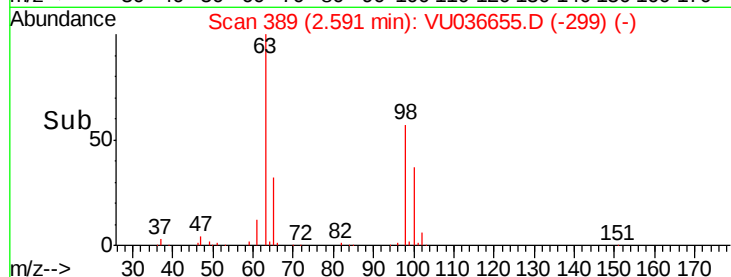
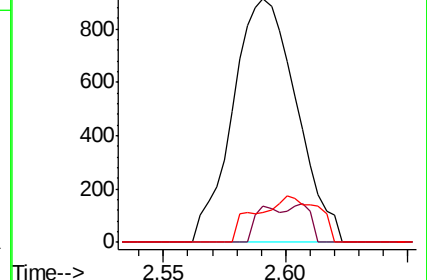
151 3.8 54.7 82.1#



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



#12

1,1-Dichloroethene

Concen: 0.863 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036655.D

Acq: 31 Jan 2020 21:21

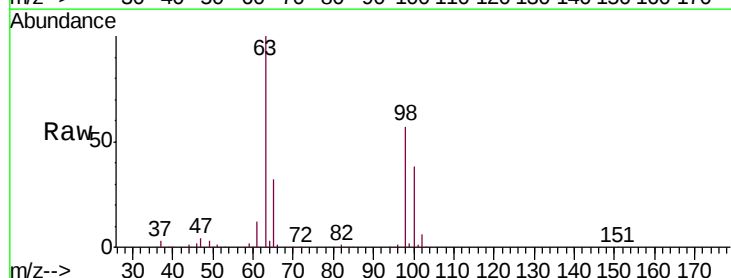
Tgt Ion: 96 Resp: 1515

Ion Ratio Lower Upper

96 100

61 1088.8 126.8 235.4#

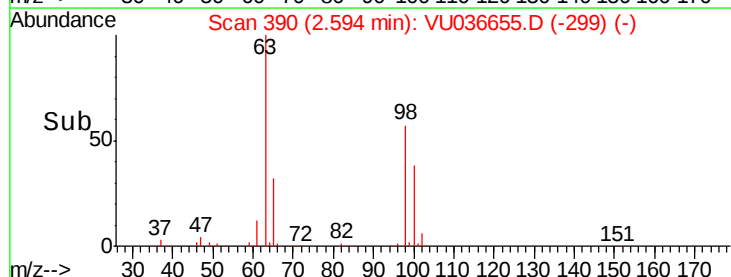
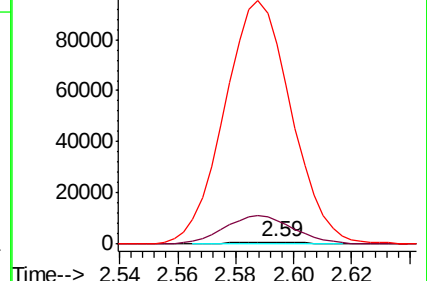
63 9052.1 95.8 177.8#

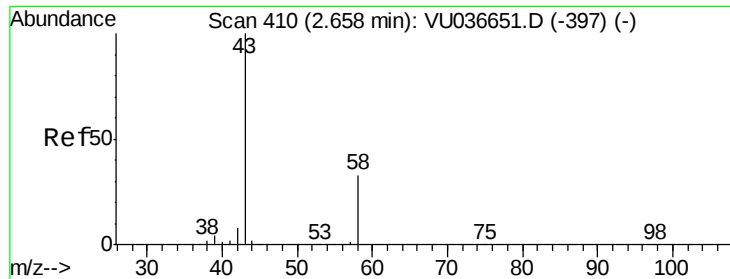


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.406 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

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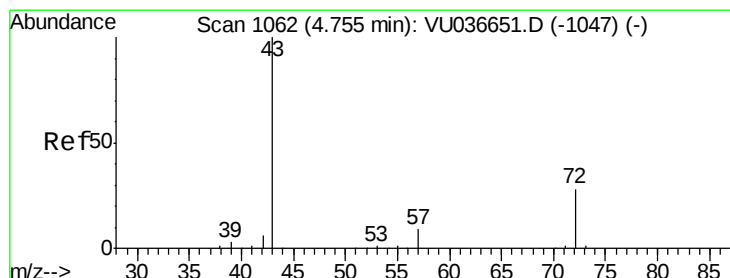
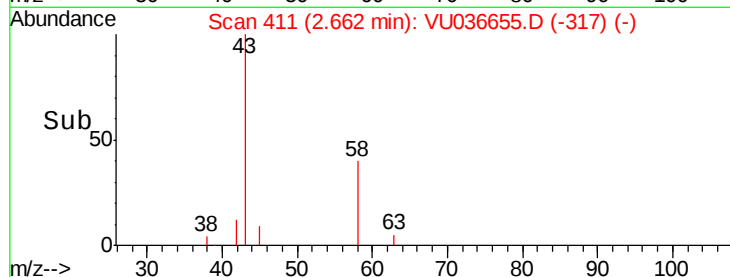
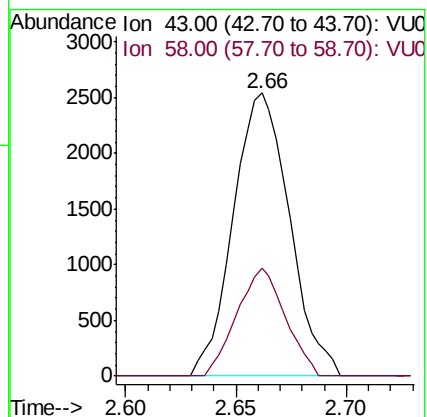
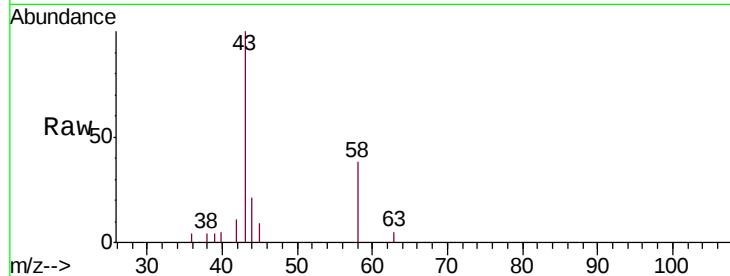
VBLK53

Tgt Ion: 43 Resp: 4496

Ion Ratio Lower Upper

43 100

58 32.8 0.0 67.8



#22

2-Butanone

Concen: 5.899 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. -0.00 min

Lab File: VU036655.D

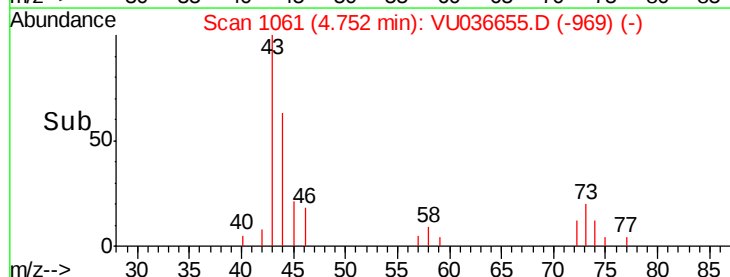
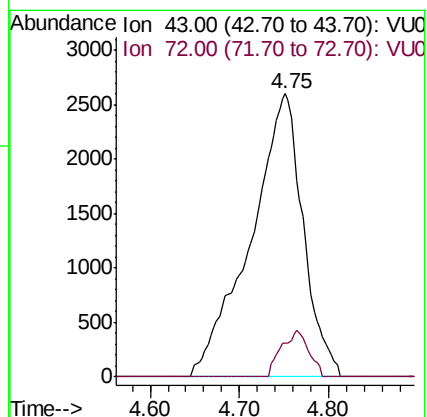
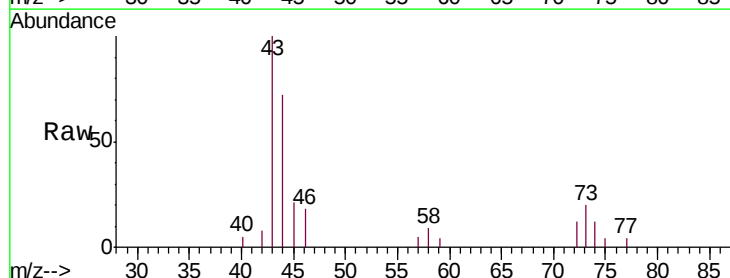
Acq: 31 Jan 2020 21:21

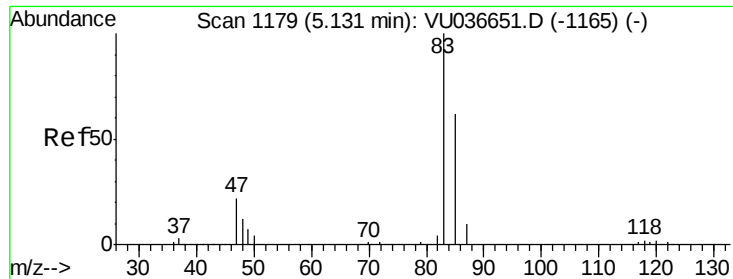
Tgt Ion: 43 Resp: 10645

Ion Ratio Lower Upper

43 100

72 3.1 14.6 44.0#

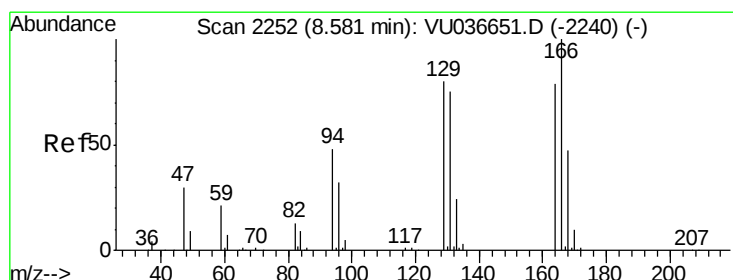
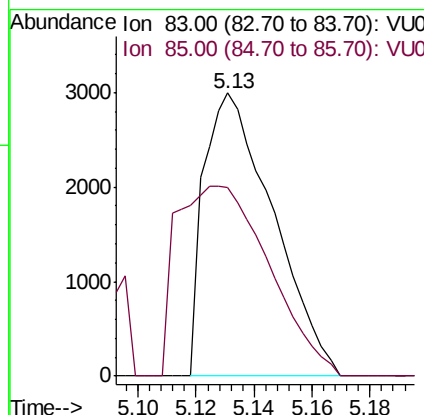
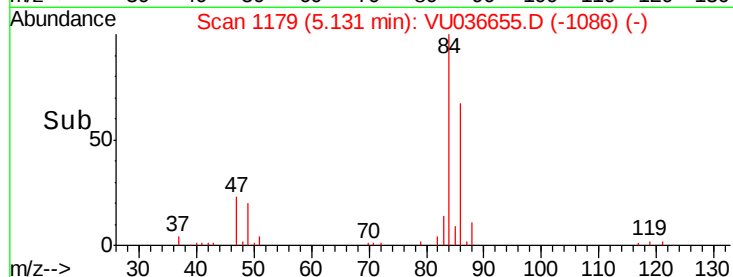
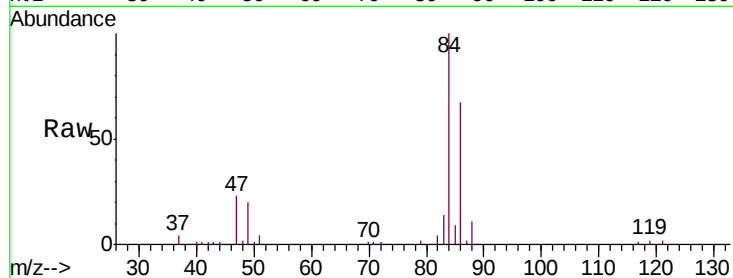




#25
Chloroform
Concen: 1.385 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036655.D
Acq: 31 Jan 2020 21:21

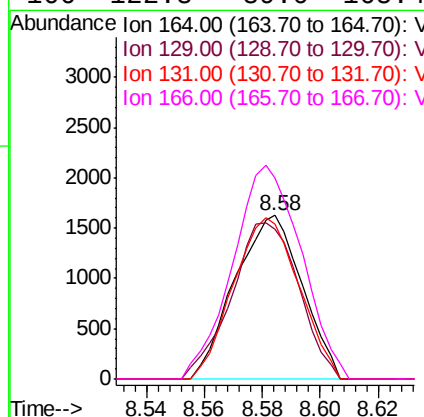
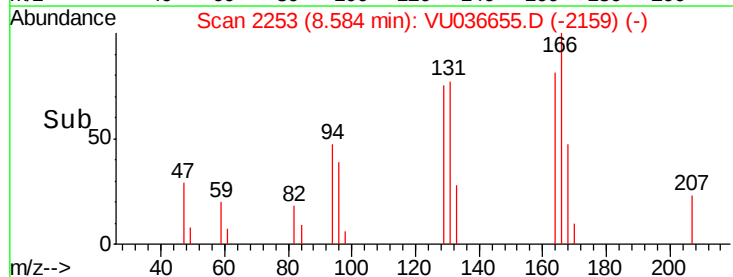
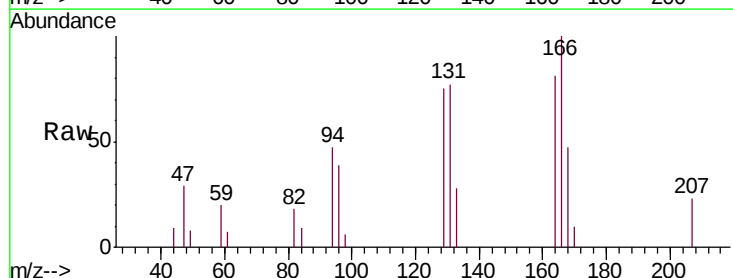
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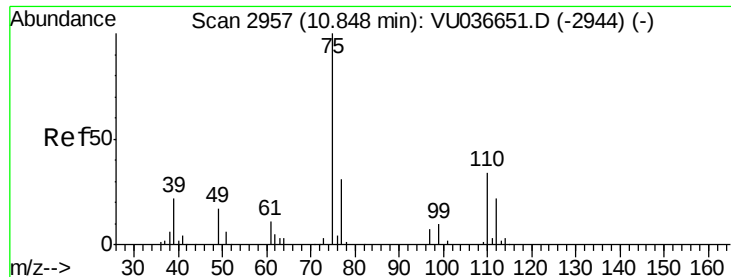
Tgt Ion: 83 Resp: 4957
Ion Ratio Lower Upper
83 100
85 66.4 44.3 82.3



#46
Tetrachloroethene
Concen: 1.805 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036655.D
Acq: 31 Jan 2020 21:21

Tgt Ion: 164 Resp: 2624
Ion Ratio Lower Upper
164 100
129 91.6 71.1 132.1
131 94.7 66.9 124.3
166 122.8 89.0 165.4





#59

1,2,3-Trichloropropane

Concen: 5.379 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036655.D

Acq: 31 Jan 2020 21:21

Instrument :

MSVOA_U

ClientSampleId :

VBLK53

Tgt Ion: 75 Resp: 15719

Ion Ratio Lower Upper

75 100

77 34.8 25.2 37.8

