

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038734.D
 Acq On : 09 Jun 2020 19:52
 Operator : SY/MD
 Sample : L2897-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0H2

Quant Time: Jun 10 05:11:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 05:09:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	517139	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	505655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	240275	50.00	ug/L	0.00

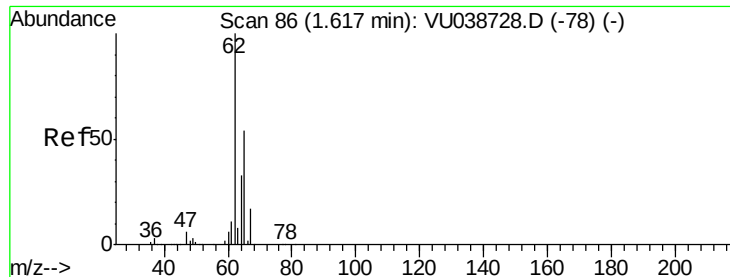
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	152141	52.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.32%
7) Chloroethane-d5	1.93	69	127974	57.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.59	63	247010	39.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.46%
21) 2-Butanone-d5	4.66	46	332241	118.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.20%
24) Chloroform-d	5.10	84	336686	54.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.10%
26) 1,2-Dichloroethane-d4	5.74	65	231379	56.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.08%
32) Benzene-d6	5.76	84	677704	55.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.28%
36) 1,2-Dichloropropane-d6	6.72	67	212200	56.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.06%
41) Toluene-d8	7.92	98	592166	53.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.60%
43) trans-1,3-Dichloropropene-	8.20	79	100541	53.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.40%
47) 2-Hexanone-d5	8.65	63	247698	123.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	316606	56.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.08%
64) 1,2-Dichlorobenzene-d4	12.20	152	246459	59.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.16%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	12517	3.025 ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	217742	54.992 ug/L	100
34) Trichloroethene	6.57	95	156956	41.099 ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	6002	0.995 ug/L #	61
46) Tetrachloroethene	8.57	164	4269	1.549 ug/L	93
49) Dibromochloromethane	8.57	129	4689	1.212 ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	31034	5.657 ug/L	91
69) Naphthalene	14.11	128	21308	1.200 ug/L	99

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



#5

Vinyl chloride

Concen: 3.025 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

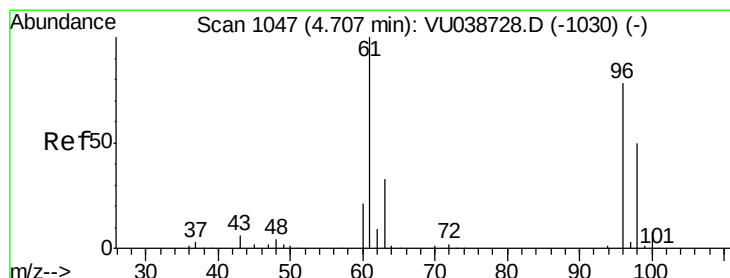
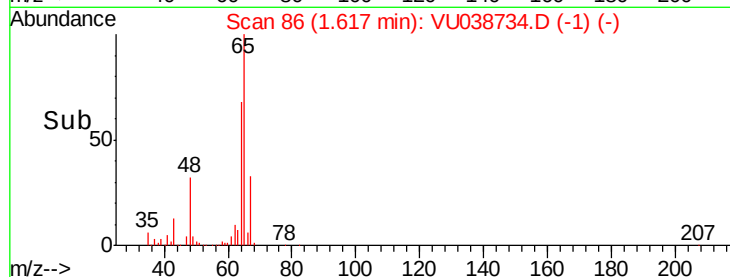
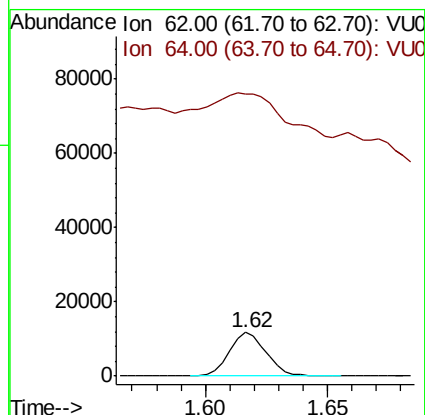
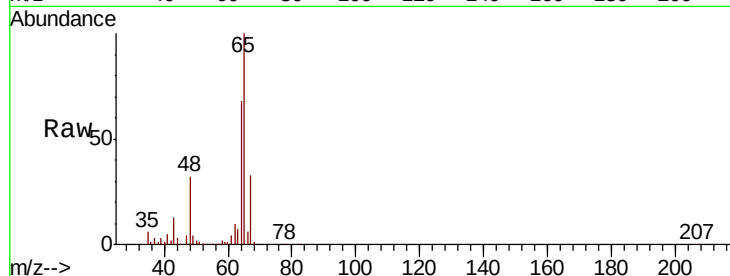
EW0H2

Tot Ion: 62 Resp: 12517

Ion Ratio Lower Upper

62 100

64 647.9 23.0 42.8#



#20

cis-1,2-Dichloroethene

Concen: 54.992 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038734.D

Acq: 09 Jun 2020 19:52

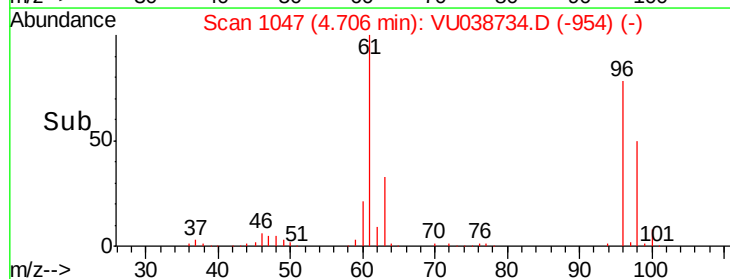
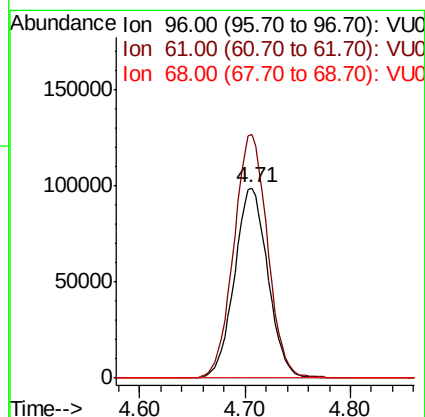
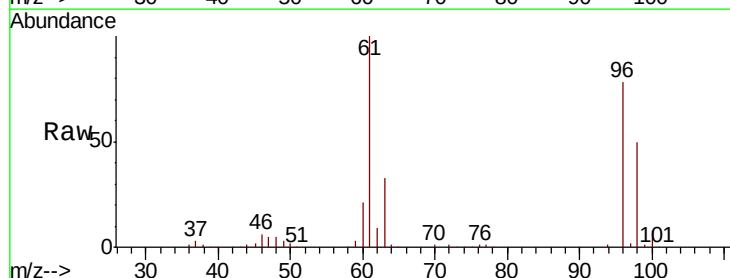
Tgt Ion: 96 Resp: 217742

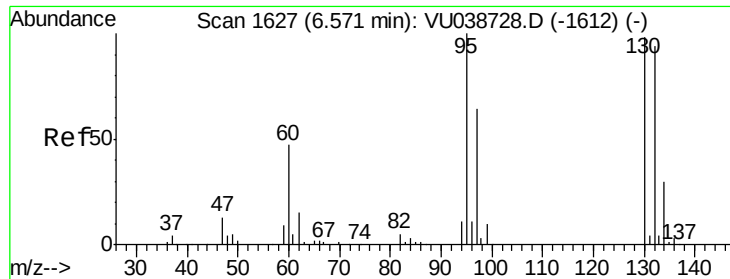
Ion Ratio Lower Upper

96 100

61 128.0 89.5 166.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 41.099 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038734.D

Acq: 09 Jun 2020 19:52

Instrument :

MSVOA_U

ClientSampleId :

EW0H2

Tot Ion: 95 Resp: 156956

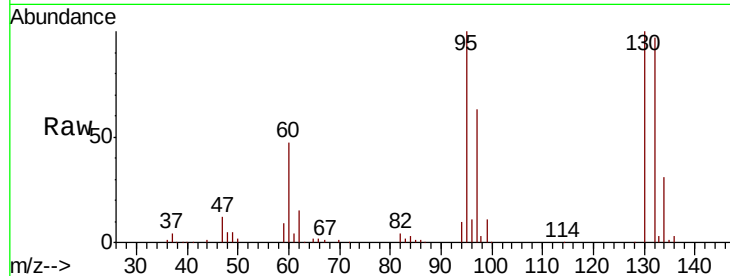
Ion Ratio Lower Upper

95 100

97 63.1 44.4 82.4

132 96.7 64.9 120.5

130 99.9 68.6 127.4

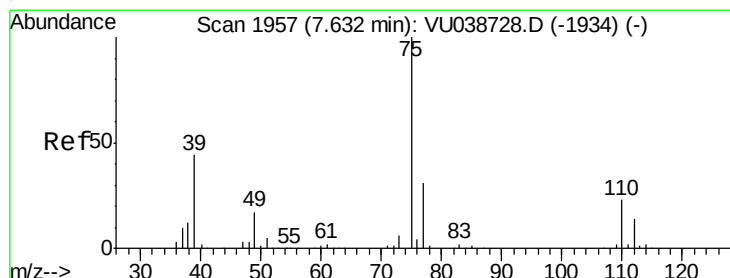
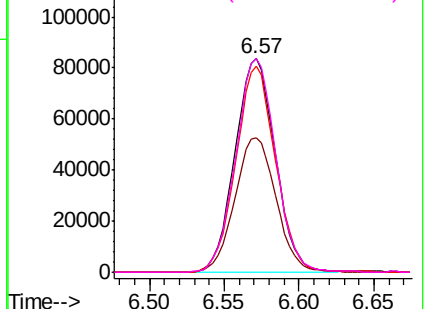
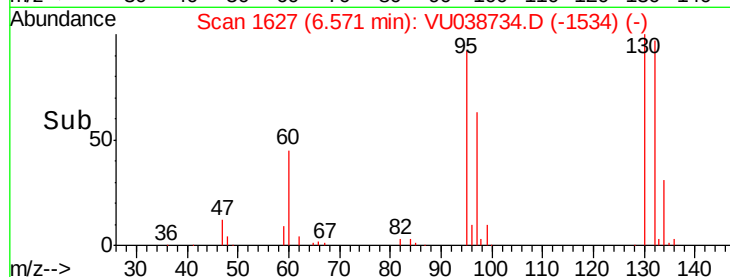


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.995 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038734.D

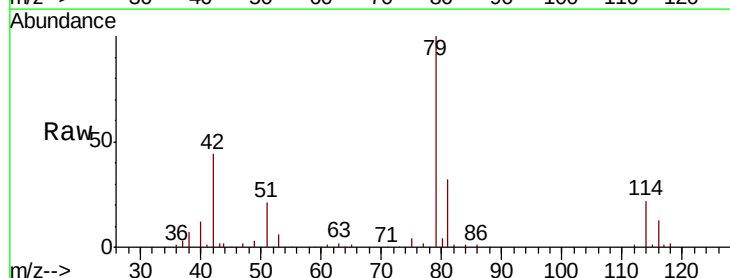
Acq: 09 Jun 2020 19:52

Tgt Ion: 75 Resp: 6002

Ion Ratio Lower Upper

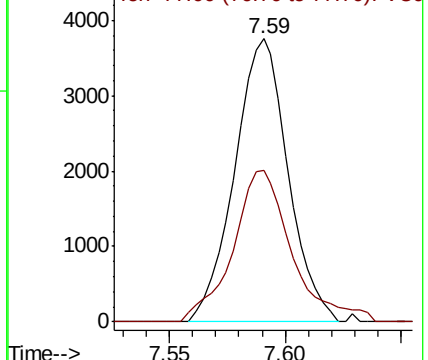
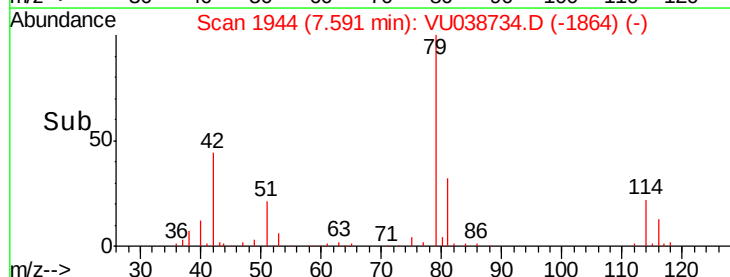
75 100

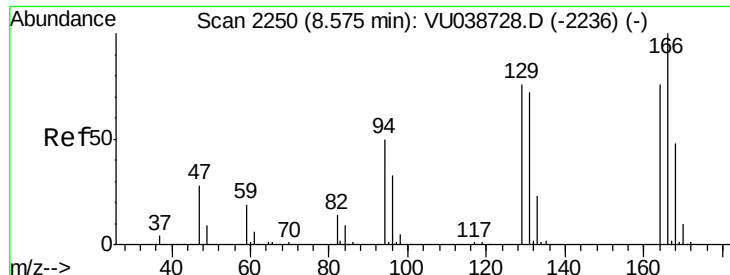
77 53.3 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 1.549 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038734.D

Acq: 09 Jun 2020 19:52

Instrument :

MSVOA_U

ClientSampleId :

EW0H2

Tot Ion:164 Resp: 4269

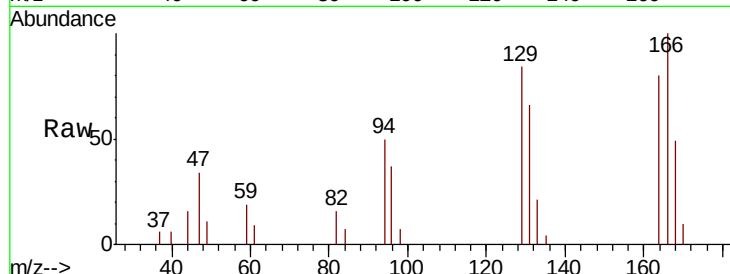
Ion Ratio Lower Upper

164 100

129 104.3 67.2 124.8

131 82.6 65.5 121.6

166 124.6 90.4 168.0

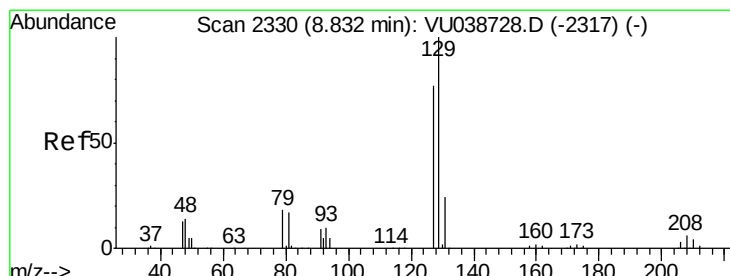
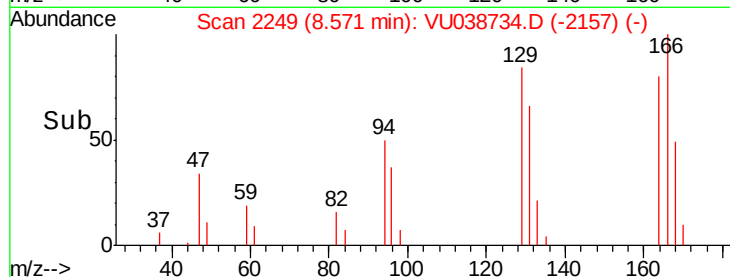
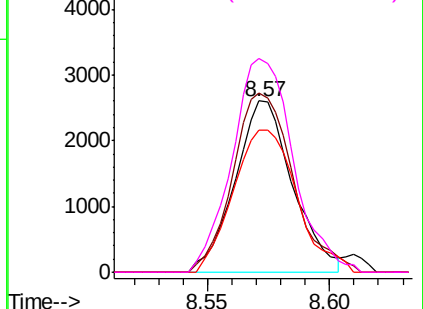


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 1.212 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU038734.D

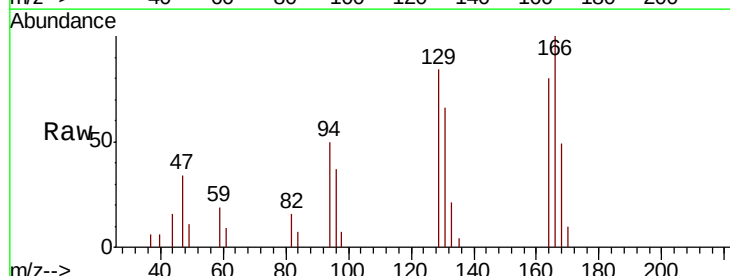
Acq: 09 Jun 2020 19:52

Tgt Ion:129 Resp: 4689

Ion Ratio Lower Upper

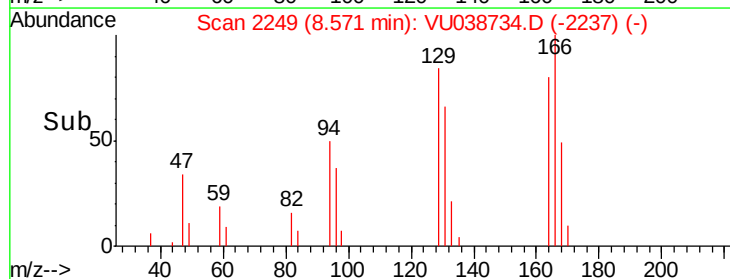
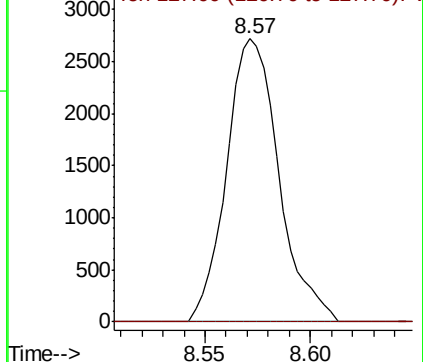
129 100

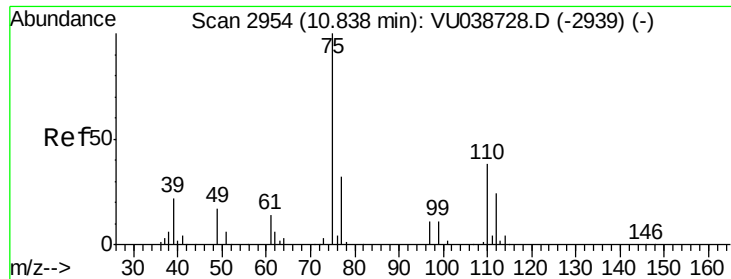
127 0.0 55.8 103.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

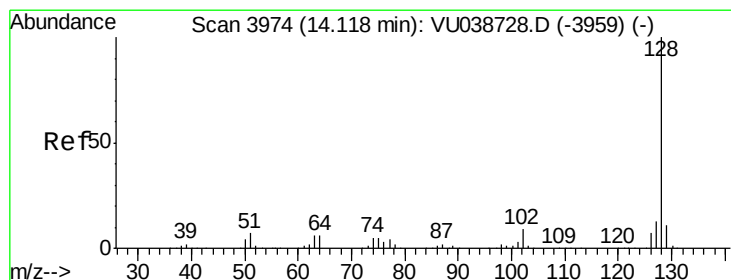
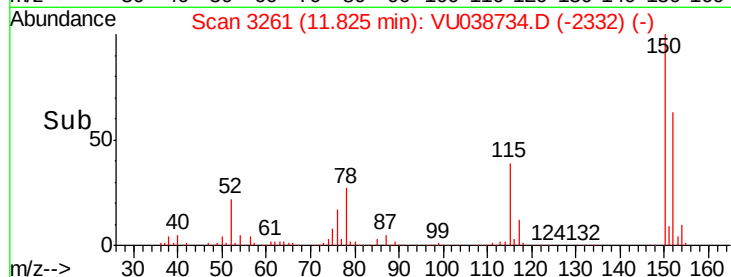
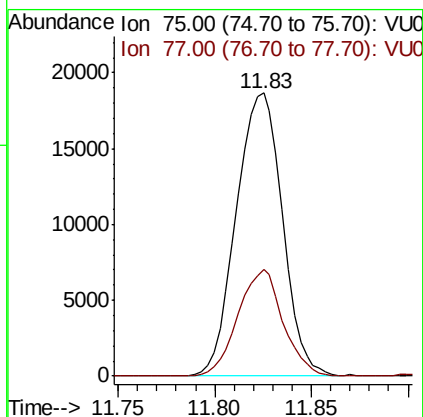
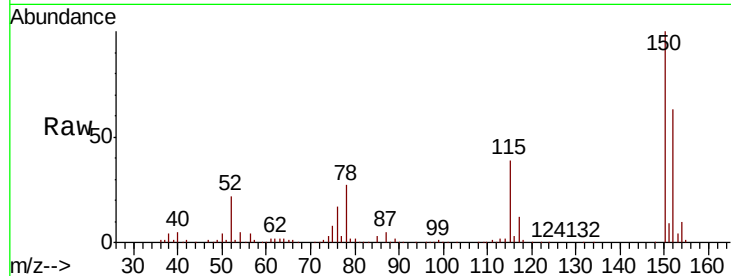




#59
 1,2,3-Trichloropropane
 Concen: 5.657 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU038734.D
 Acq: 09 Jun 2020 19:52

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0H2

Tot Ion: 75 Resp: 31034
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.3 37.9



#69
 Naphthalene
 Concen: 1.200 ug/L
 RT: 14.11 min Scan# 3972
 Delta R.T. -0.01 min
 Lab File: VU038734.D
 Acq: 09 Jun 2020 19:52

Tgt Ion: 128 Resp: 21308
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.6 16.0
 129 10.4 8.6 12.8

