

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037784.D
 Acq On : 17 Apr 2020 18:48
 Operator : JC/MD
 Sample : L2292-11DL 20X
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 18 03:57:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 01:19:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	293212	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	283264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140054	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95259	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.93	69	87096	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.59	63	127015	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.66	46	339642	55.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.48%
24) Chloroform-d	5.10	84	175901	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.74	65	105739	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.76	84	368705	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.72	67	128513	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.92	98	330639	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.20	79	52697	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.66	63	302381	52.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102585	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	125152	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

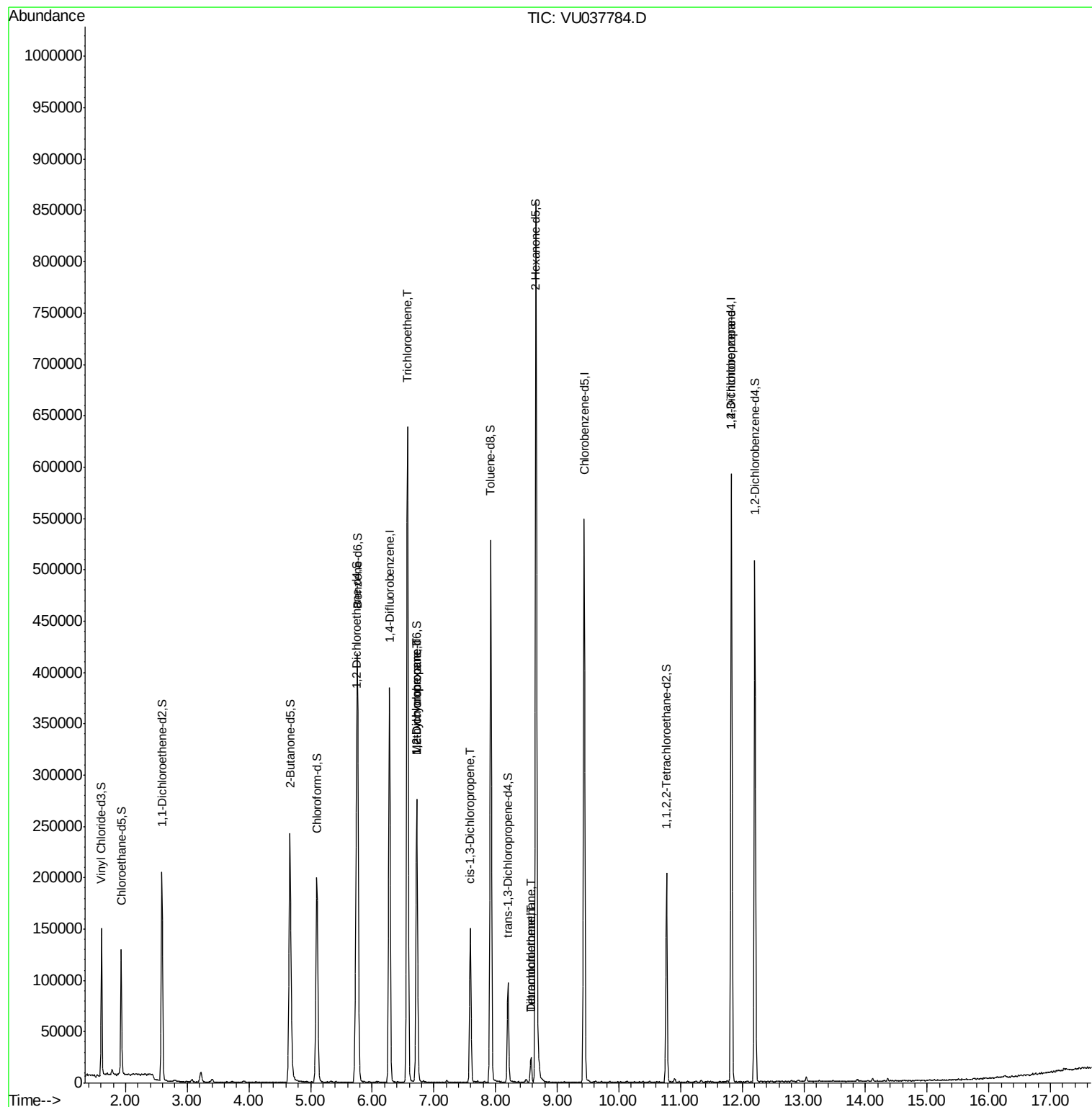
					Ovalue
34) Trichloroethene	6.57	95	214128	9.310 ug/L	98
35) Methylcyclohexane	6.72	83	27688	0.687 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14009	0.564 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3424	0.088 ug/L #	67
47) Tetrachloroethene	8.58	164	5177	0.313 ug/L	93
49) Dibromochloromethane	8.57	129	5216	0.273 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	19911	1.226 ug/L	89

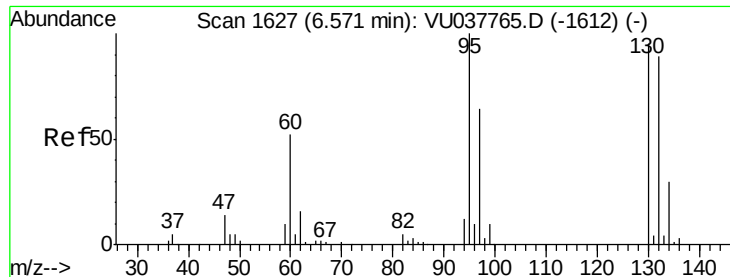
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 01:19:54 2020
Response via : Initial Calibration





#34

Trichloroethene

Concen: 9.310 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037784.D

Acq: 17 Apr 2020 18:48

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 214128

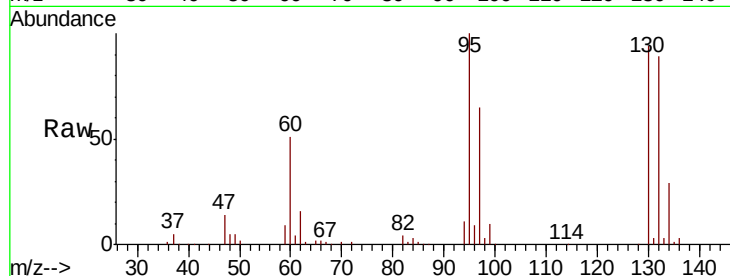
Ion Ratio Lower Upper

95 100

97 65.1 45.4 84.2

132 89.1 63.7 118.3

130 94.3 68.7 127.5

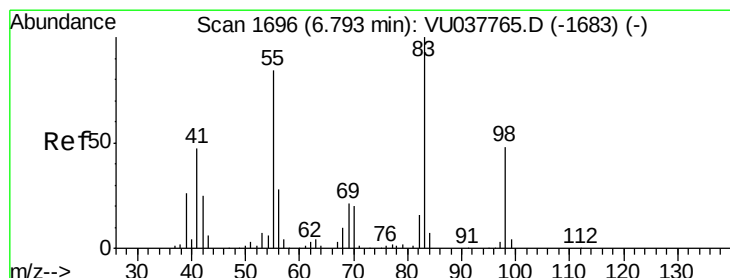
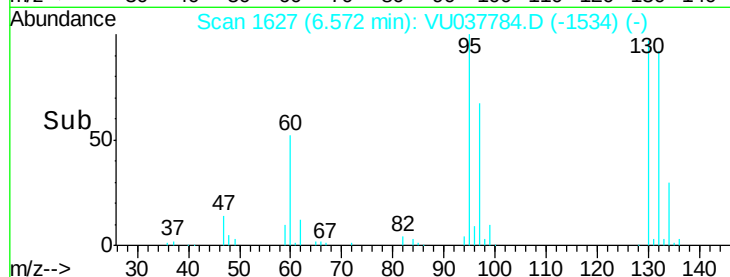
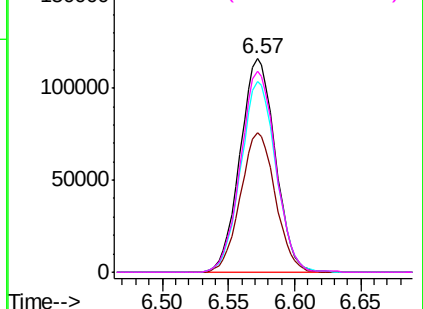


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.687 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037784.D

Acq: 17 Apr 2020 18:48

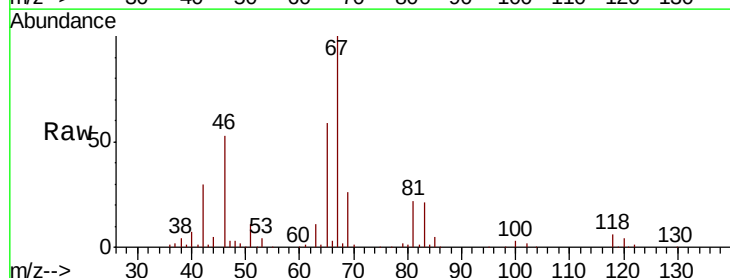
Tgt Ion: 83 Resp: 27688

Ion Ratio Lower Upper

83 100

55 0.7 65.5 98.3#

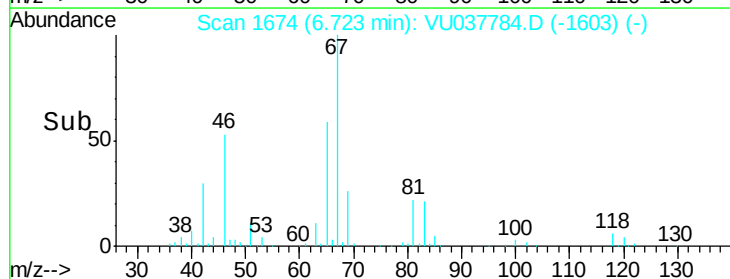
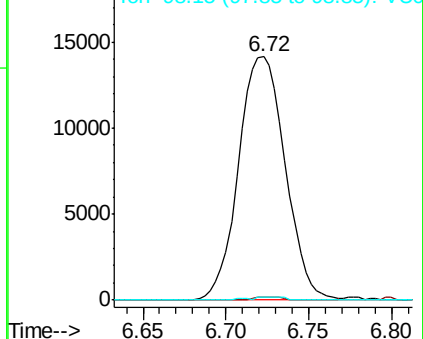
98 0.7 38.2 57.4#

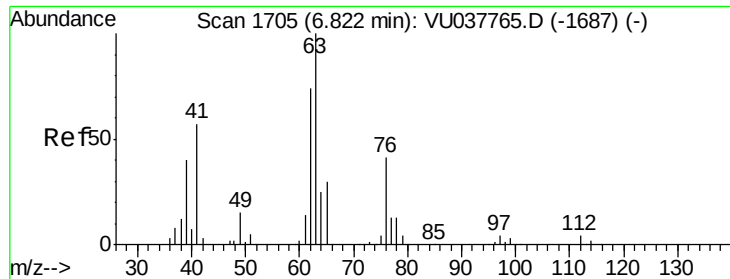


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

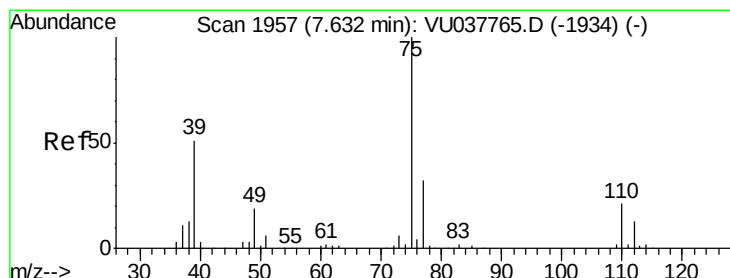
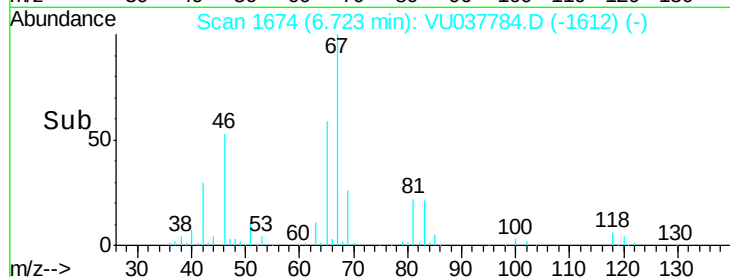
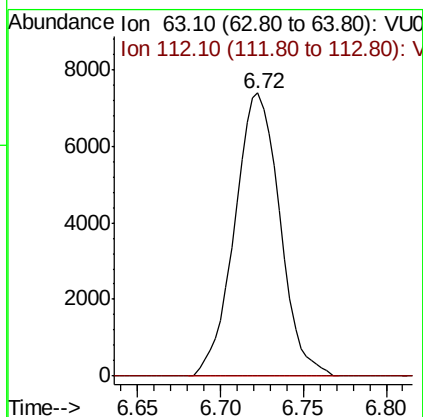
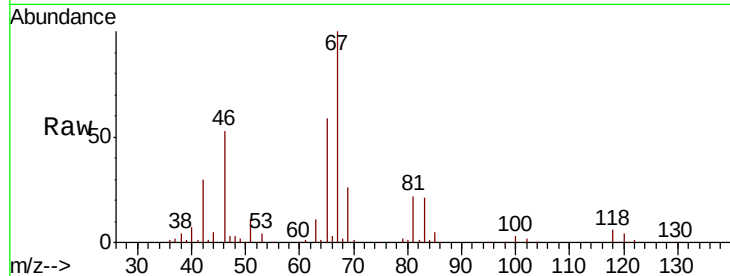




#37
 1,2-Dichloropropane
 Concen: 0.564 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037784.D
 Acq: 17 Apr 2020 18:48

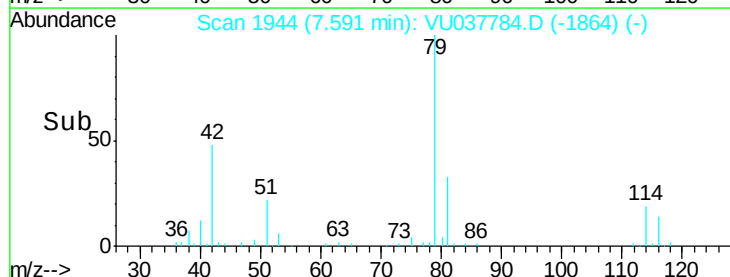
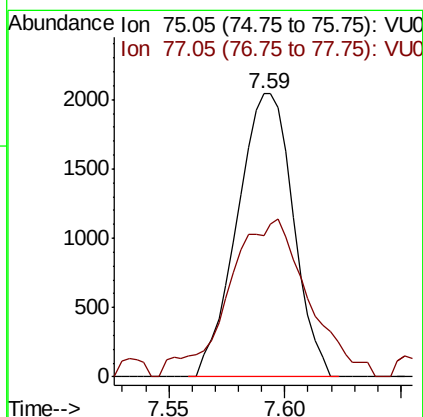
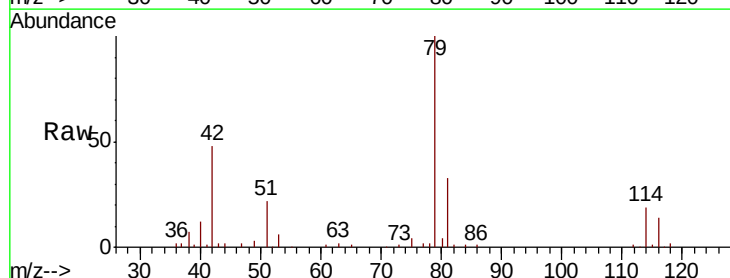
Instrument :
 MSVOA_U
 ClientSampleId :

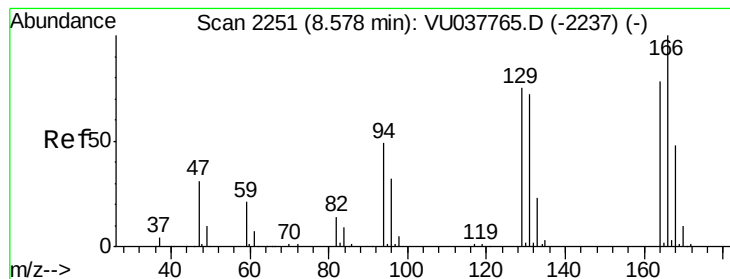
Tot Ion: 63 Resp: 14009
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037784.D
 Acq: 17 Apr 2020 18:48

Tgt Ion: 75 Resp: 3424
 Ion Ratio Lower Upper
 75 100
 77 49.8 22.2 41.2#





#47

Tetrachloroethene

Concen: 0.313 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU037784.D

Acq: 17 Apr 2020 18:48

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 5177

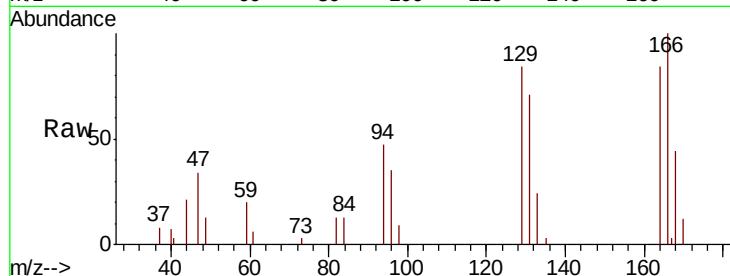
Ion Ratio Lower Upper

164 100

129 100.9 68.1 126.5

131 84.7 65.9 122.5

166 119.6 89.7 166.7

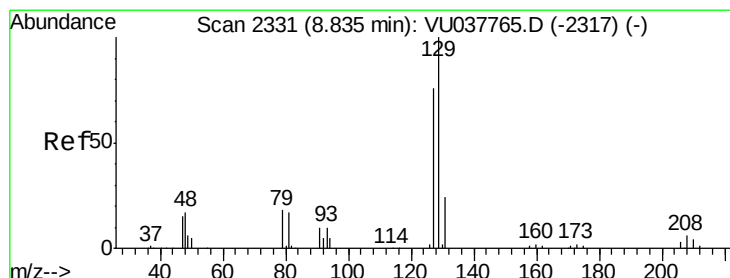
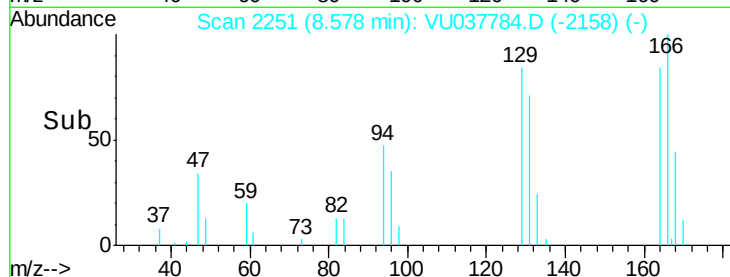
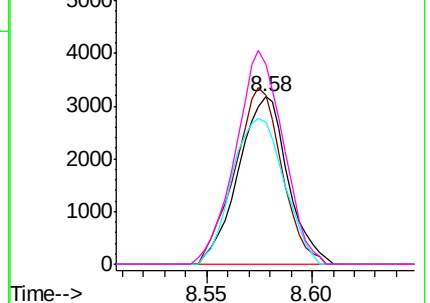


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 0.273 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037784.D

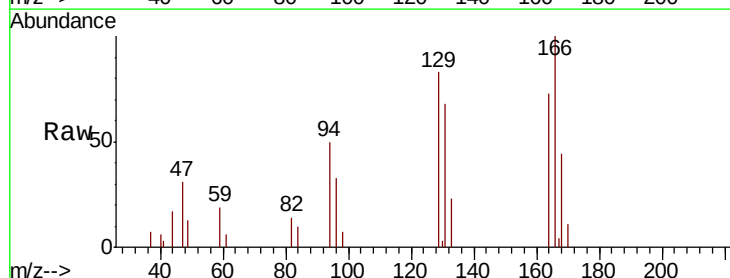
Acq: 17 Apr 2020 18:48

Tgt Ion:129 Resp: 5216

Ion Ratio Lower Upper

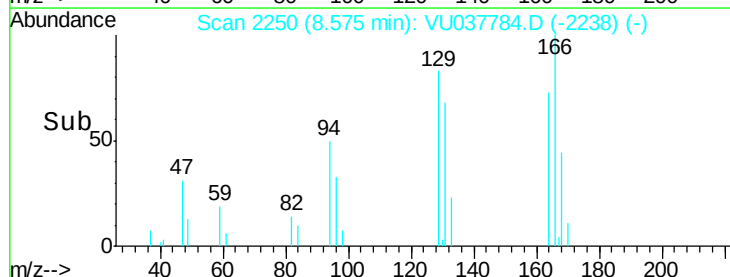
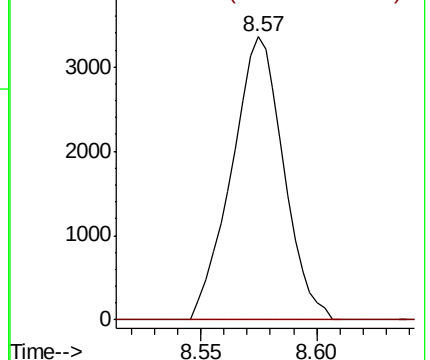
129 100

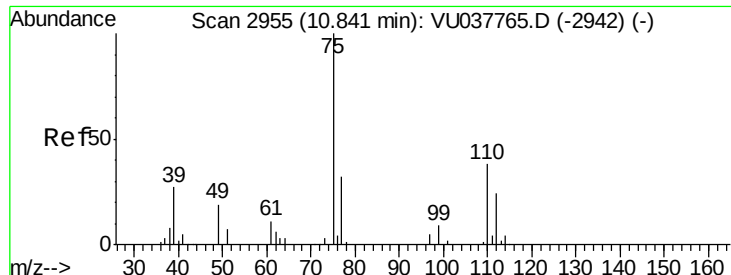
127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.226 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037784.D

Acq: 17 Apr 2020 18:48

Instrument :

MSVOA_U

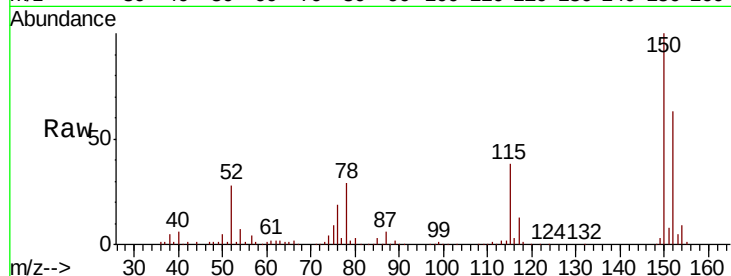
ClientSampleId :

Tot Ion: 75 Resp: 19911

Ion Ratio Lower Upper

75 100

77 38.1 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

