

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037718.D
 Acq On : 14 Apr 2020 23:34
 Operator : JC/MD
 Sample : L2275-18
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 03:06:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 03:02:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	271935	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	263236	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126182	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	107135	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.93	69	90928	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.59	63	139574	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.66	46	304483	53.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.76%
24) Chloroform-d	5.10	84	165965	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.74	65	100771	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.76	84	370975	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.72	67	121775	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.92	98	337095	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	8.20	79	51091	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.66	63	278876	52.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	92384	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	116757	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

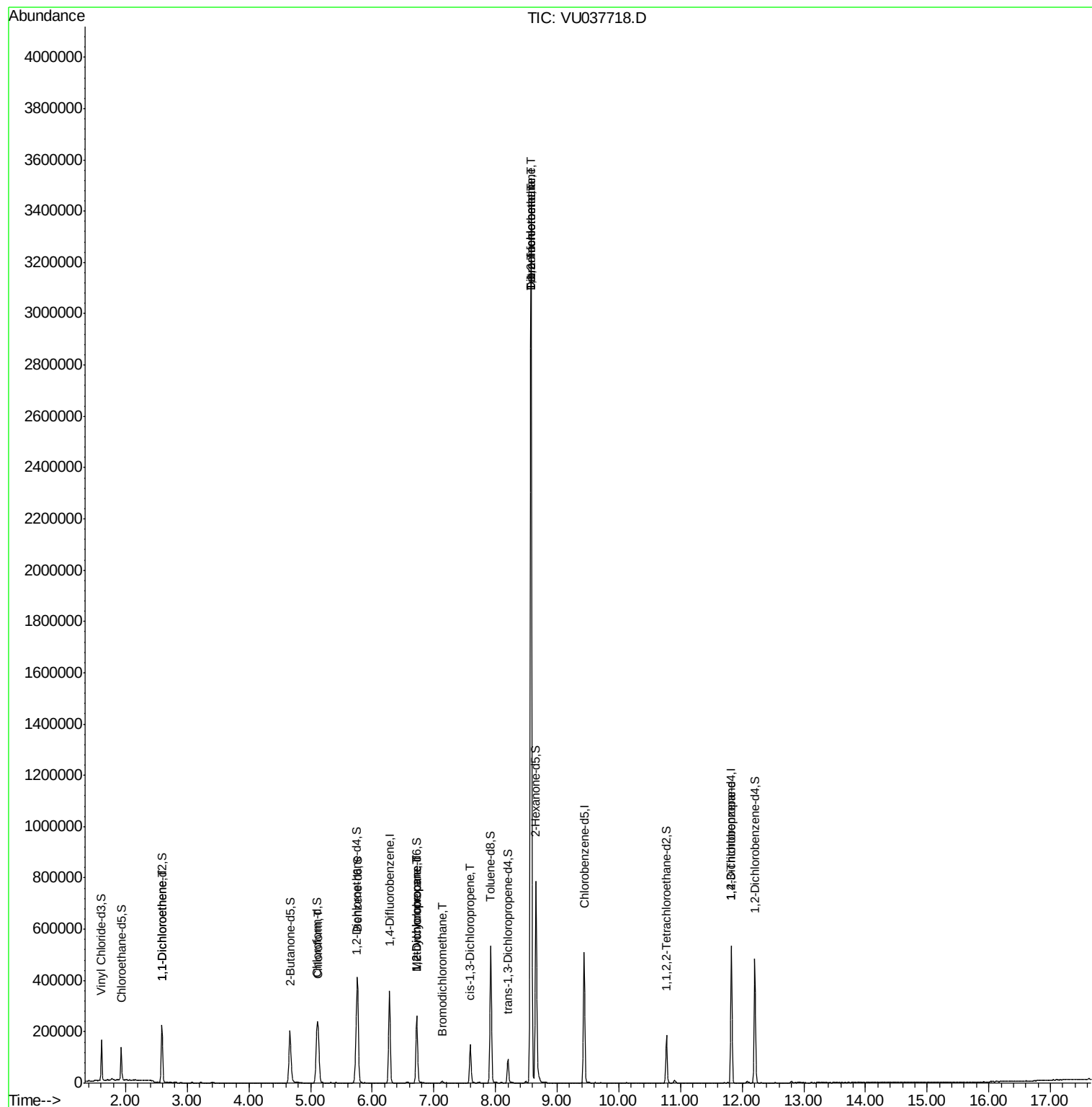
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1159	0.062	ug/L #	1
25) Chloroform	5.13	83	142205	3.804	ug/L	100
35) Methylcyclohexane	6.72	83	26457	0.706	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13209	0.573	ug/L #	87
38) Bromodichloromethane	7.14	83	4919	0.179	ug/L #	99
39) cis-1,3-Dichloropropene	7.59	75	3254	0.090	ug/L #	46
45) 1,1,2-Trichloroethane	8.58	97	6820	0.439	ug/L #	1
47) Tetrachloroethene	8.57	164	717445	46.711	ug/L	99
49) Dibromochloromethane	8.57	129	694828	39.114	ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	18359	1.216	ug/L	90

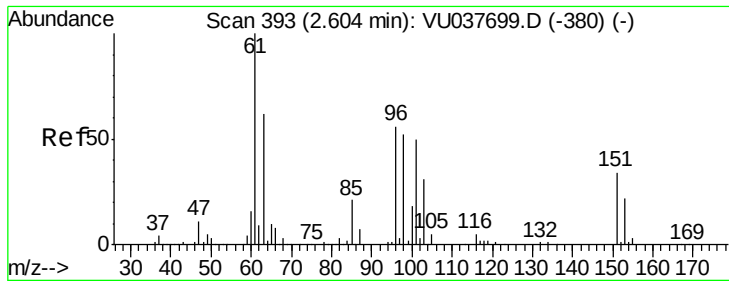
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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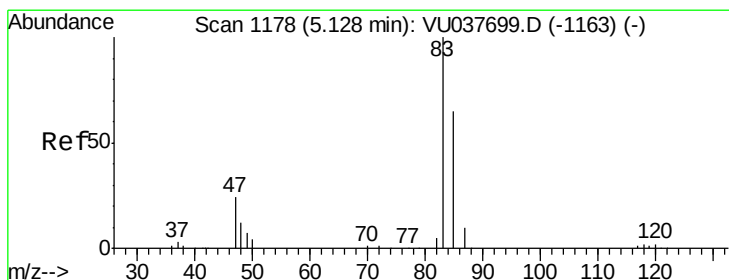
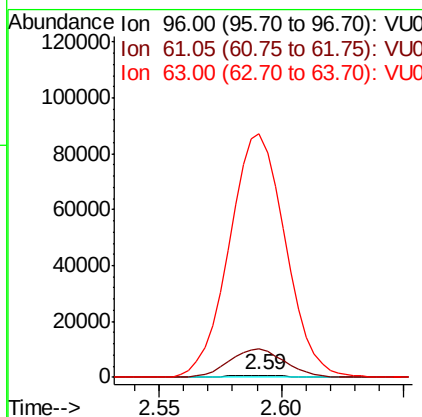
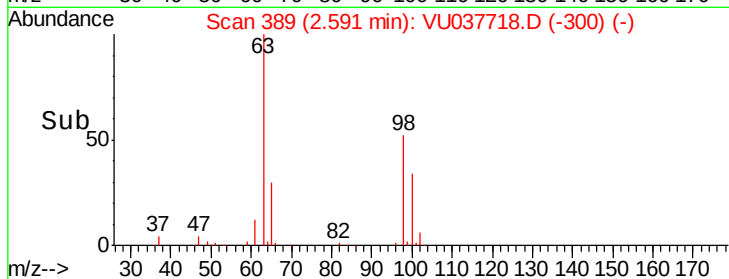
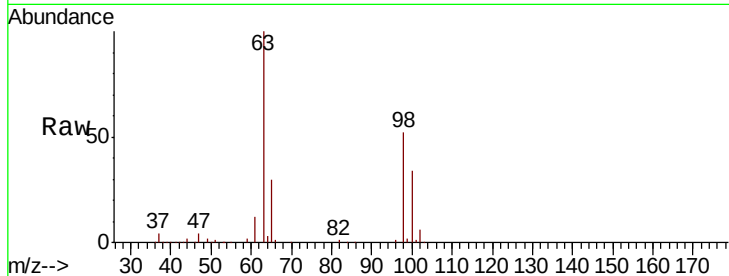




#12
 1,1-Dichloroethene
 Concen: 0.062 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU037718.D
 Acq: 14 Apr 2020 23:34

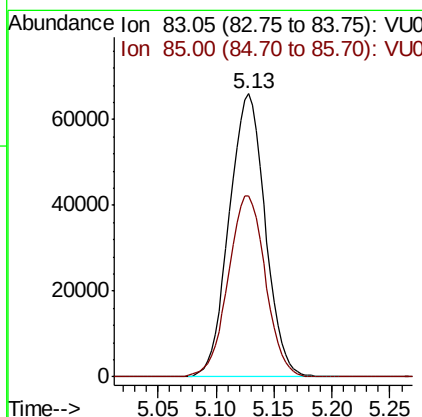
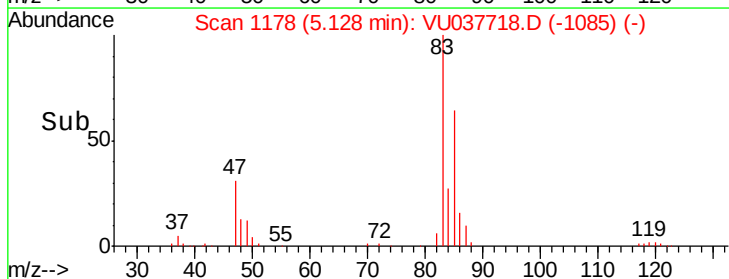
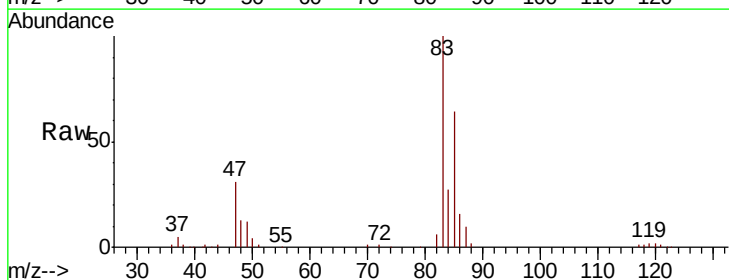
Instrument :
 MSVOA_U
 ClientSampleId :

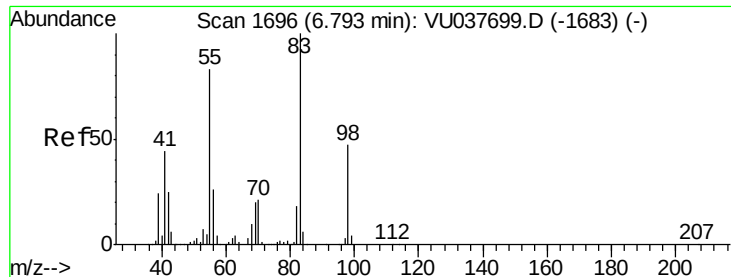
Tot Ion: 96 Resp: 1159
 Ion Ratio Lower Upper
 96 100
 61 1560.4 127.7 237.3#
 63 13425.0 85.0 157.8#



#25
 Chloroform
 Concen: 3.804 ug/L
 RT: 5.13 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VU037718.D
 Acq: 14 Apr 2020 23:34

Tgt Ion: 83 Resp: 142205
 Ion Ratio Lower Upper
 83 100
 85 63.8 44.9 83.3

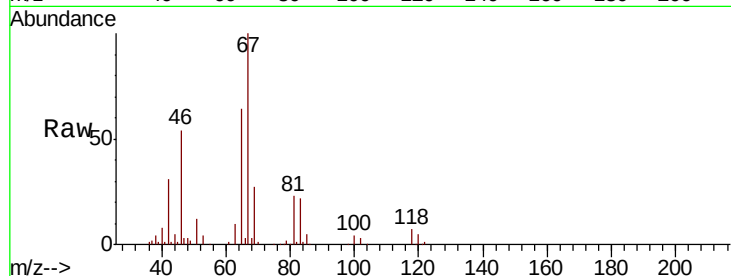




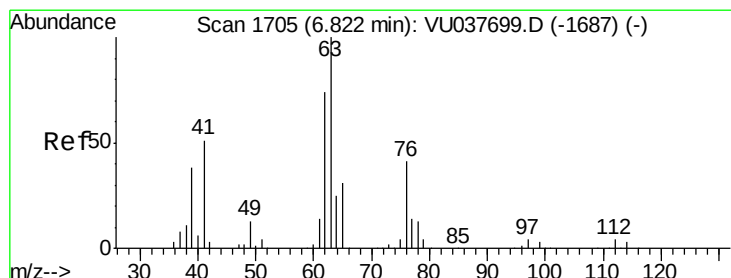
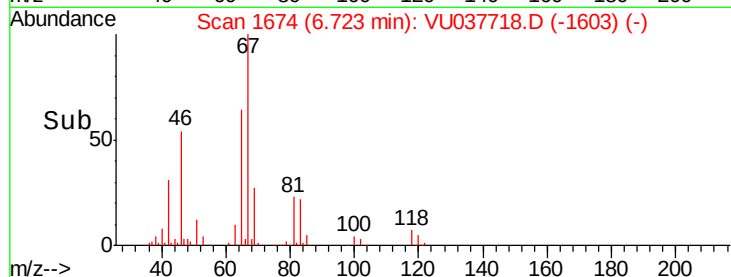
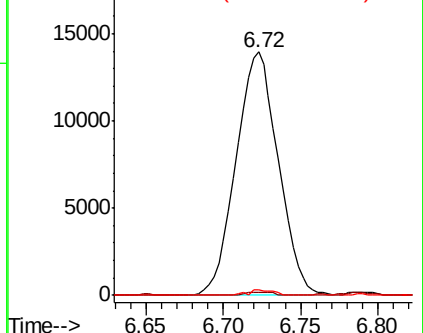
#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037718.D
Acq: 14 Apr 2020 23:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 26457
Ion Ratio Lower Upper
83 100
55 0.4 65.5 98.3#
98 1.3 38.2 57.4#

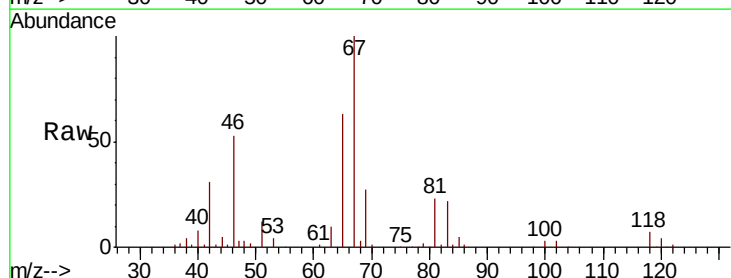


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

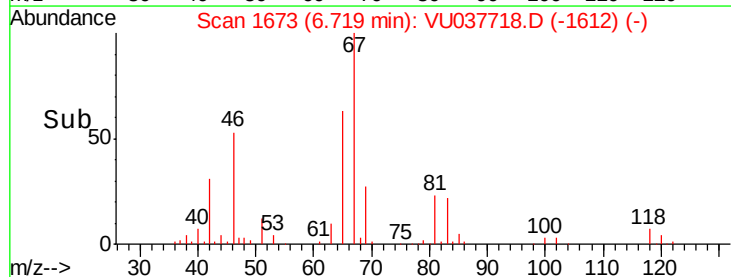
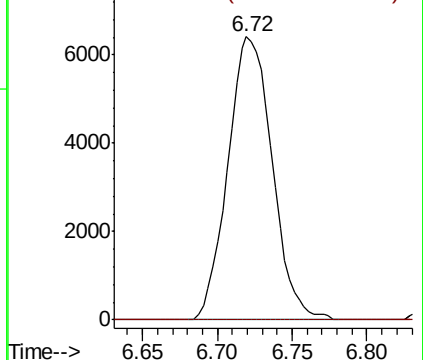


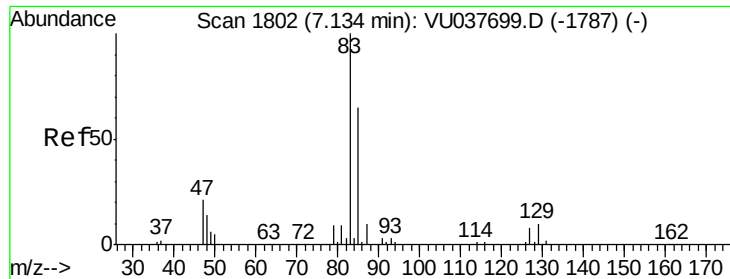
#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU037718.D
Acq: 14 Apr 2020 23:34

Tgt Ion: 63 Resp: 13209
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.179 ug/L

RT: 7.14 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VU037718.D

Acq: 14 Apr 2020 23:34

Instrument :

MSVOA_U

ClientSampleId :

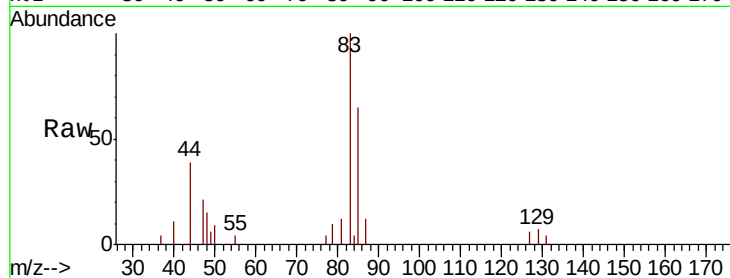
Tot Ion: 83 Resp: 4919

Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.7

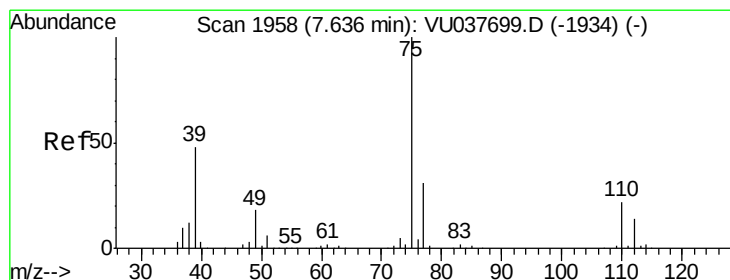
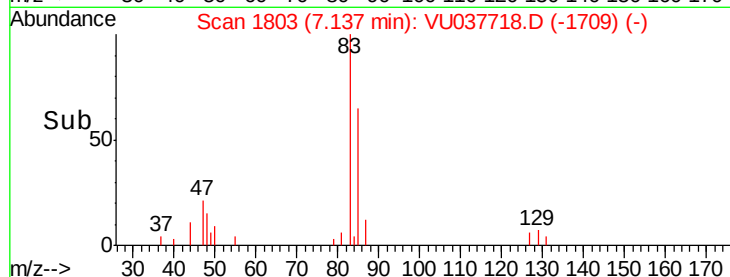
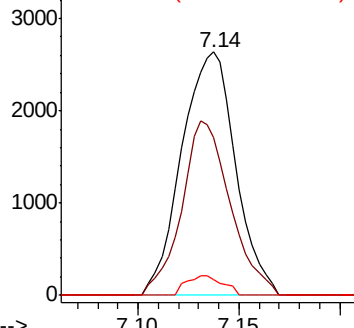
127 6.3 6.6 9.8#



Abundance Ion 82.95 (82.65 to 83.65): VU037718.D (-1787) (-)

Ion 85.00 (84.70 to 85.70): VU037718.D (-1787) (-)

Ion 126.90 (126.60 to 127.60): VU037718.D (-1787) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037718.D

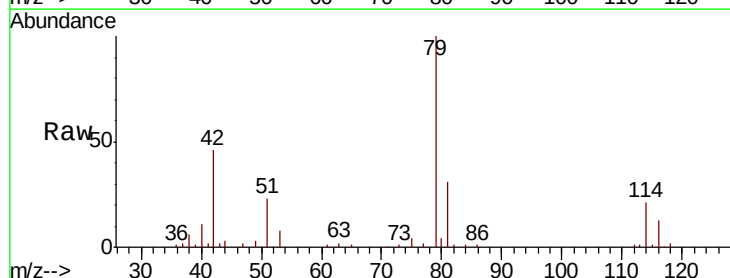
Acq: 14 Apr 2020 23:34

Tgt Ion: 75 Resp: 3254

Ion Ratio Lower Upper

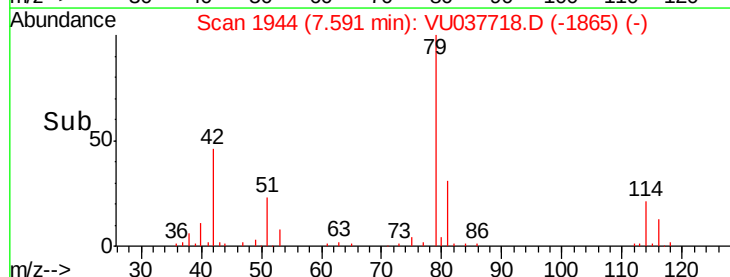
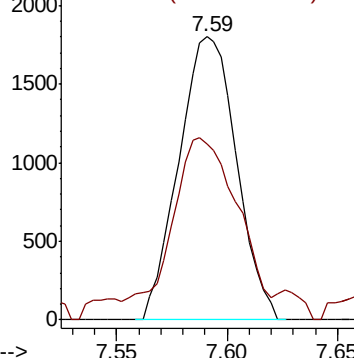
75 100

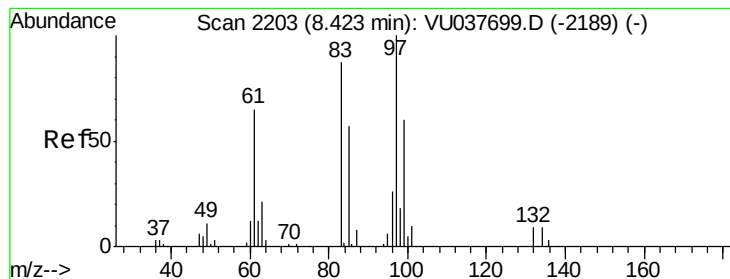
77 61.9 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VU037718.D (-1934) (-)

Ion 77.05 (76.75 to 77.75): VU037718.D (-1934) (-)





#45

1,1,2-Trichloroethane

Concen: 0.439 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.15 min

Lab File: VU037718.D

Acq: 14 Apr 2020 23:34

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 97 Resp: 6820

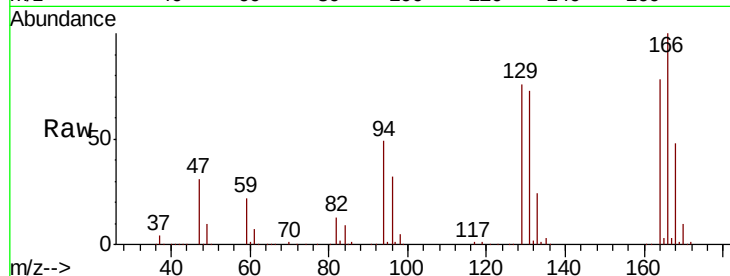
Ion Ratio Lower Upper

97 100

99 12.3 43.1 80.1#

83 277.3 62.4 116.0#

85 36.9 39.6 73.6#

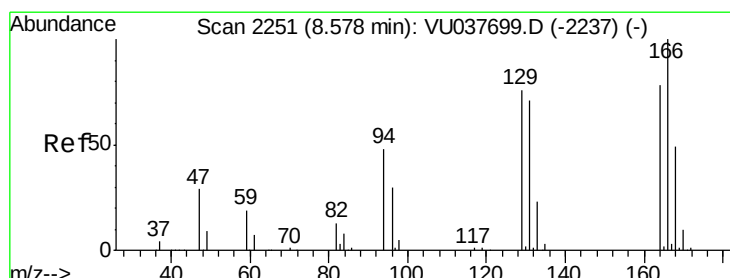
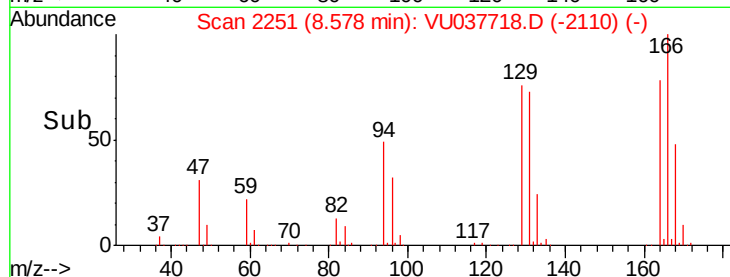
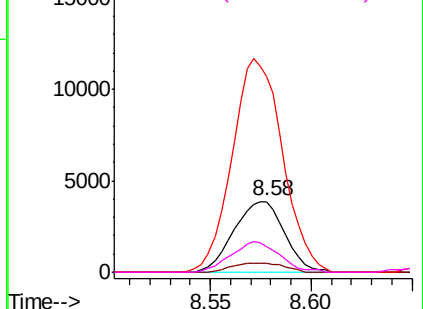


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 46.711 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037718.D

Acq: 14 Apr 2020 23:34

Tgt Ion:164 Resp: 717445

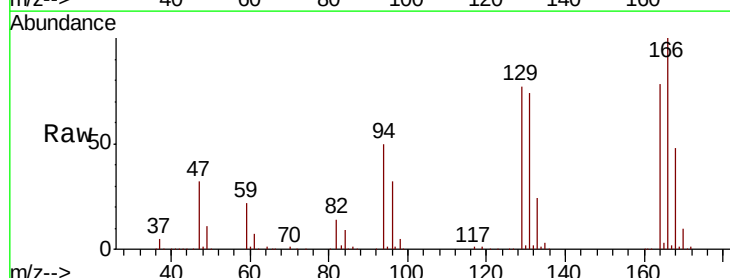
Ion Ratio Lower Upper

164 100

129 98.2 68.1 126.5

131 93.9 65.9 122.5

166 127.5 89.7 166.7

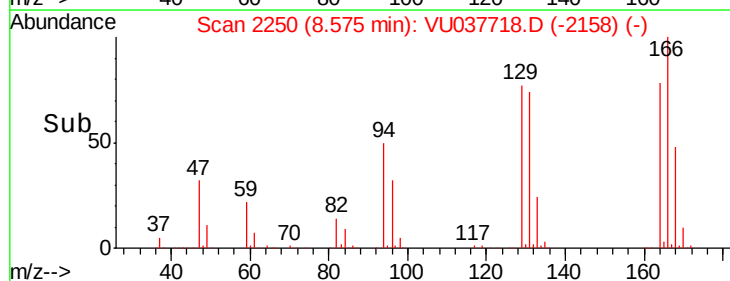
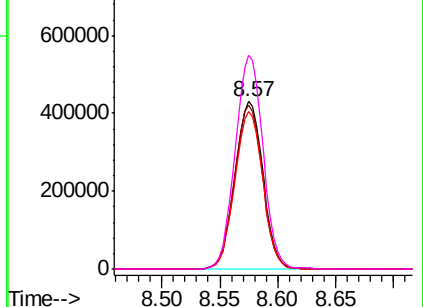


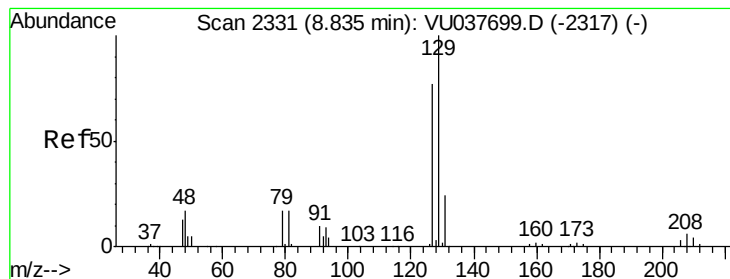
Abundance Ion 163.90 (163.60 to 164.60): V

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: 39.114 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037718.D

Acq: 14 Apr 2020 23:34

Instrument :

MSVOA_U

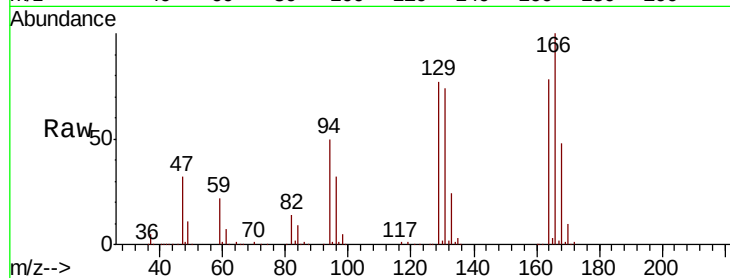
ClientSampled :

Tot Ion:129 Resp: 694828

Ion Ratio Lower Upper

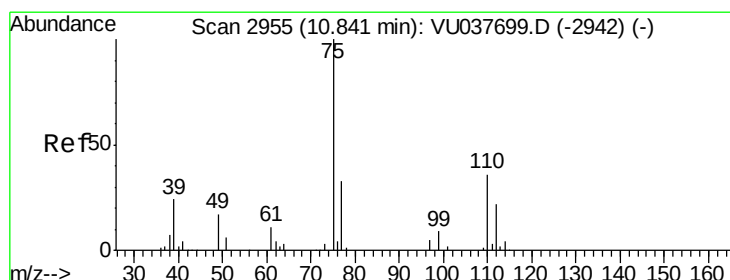
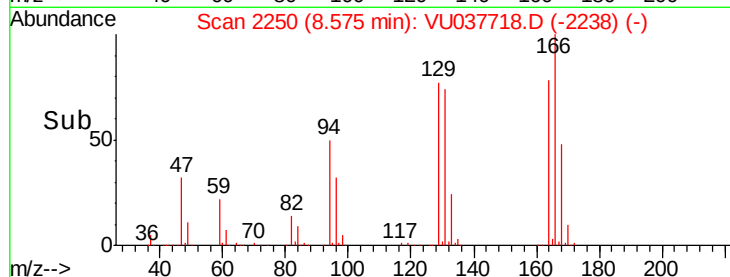
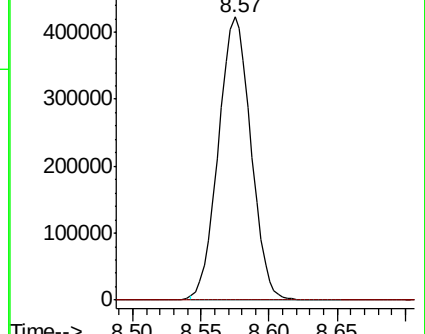
129 100

127 0.1 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: 1.216 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037718.D

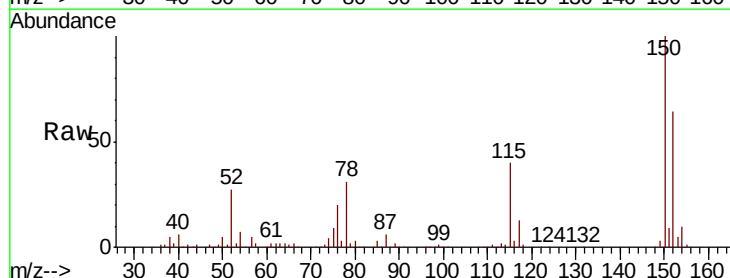
Acq: 14 Apr 2020 23:34

Tgt Ion: 75 Resp: 18359

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

