

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037712.D
 Acq On : 14 Apr 2020 21:06
 Operator : JC/MD
 Sample : L2275-12
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 03:05:52 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	284015	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	271375	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	107782	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.93	69	91220	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.59	63	143042	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.66	46	304169	51.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.06%
24) Chloroform-d	5.10	84	173840	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.74	65	100195	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.76	84	378178	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.72	67	123418	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.92	98	342462	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	8.20	79	52872	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.65	63	274174	49.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	92870	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	121784	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

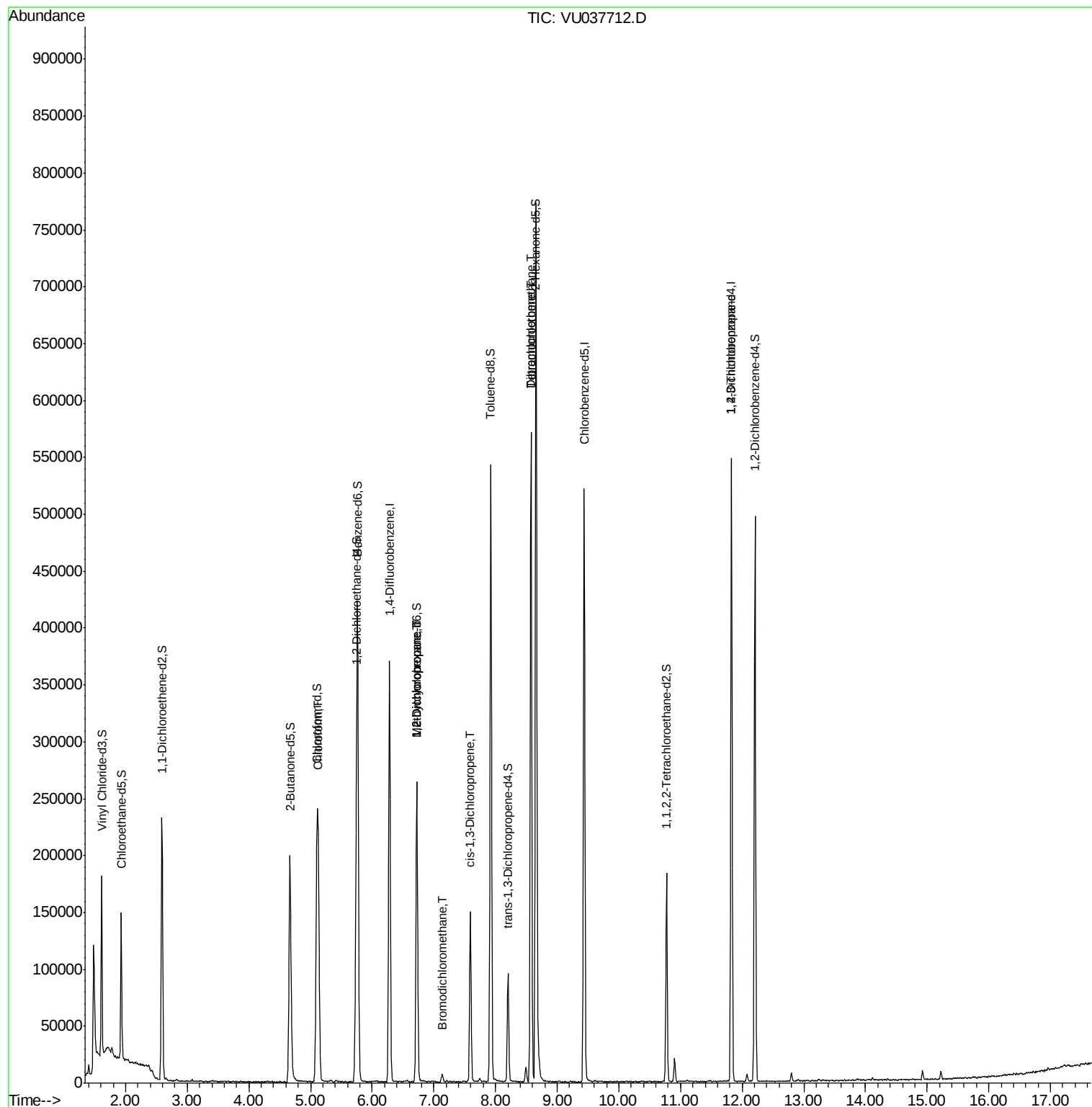
					Ovalue
25) Chloroform	5.13	83	143134	3.666 ug/L	99
35) Methylcyclohexane	6.72	83	27934	0.723 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13377	0.563 ug/L #	87
38) Bromodichloromethane	7.14	83	4653	0.165 ug/L #	95
39) cis-1,3-Dichloropropene	7.59	75	3417	0.092 ug/L #	42
47) Tetrachloroethene	8.57	164	121083	7.647 ug/L	97
49) Dibromochloromethane	8.57	129	112817	6.160 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	18651	1.198 ug/L	92

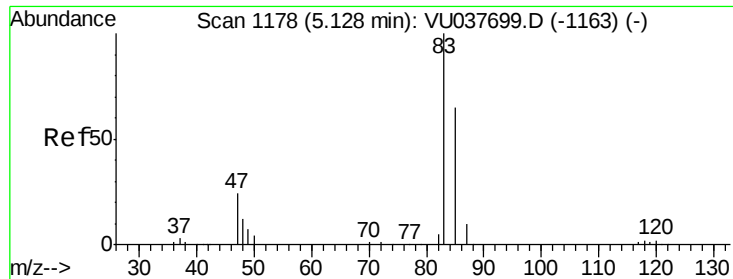
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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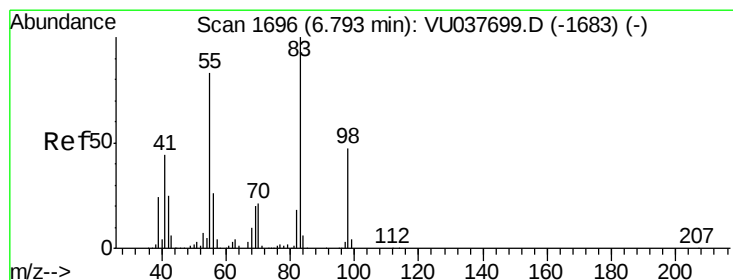
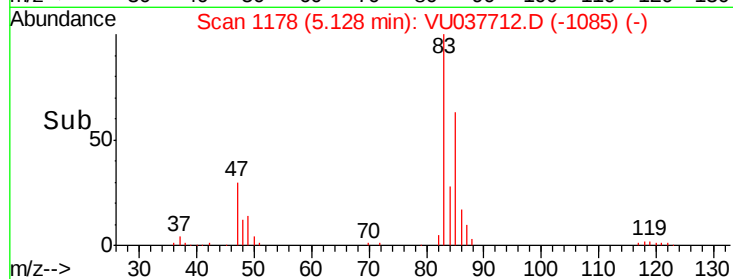
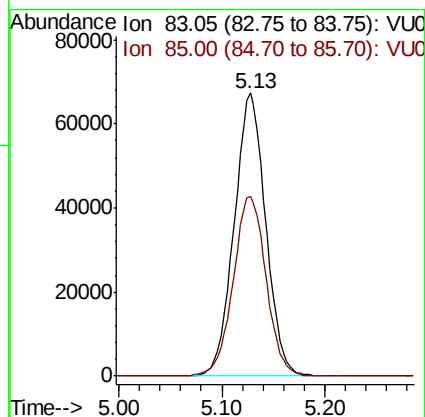
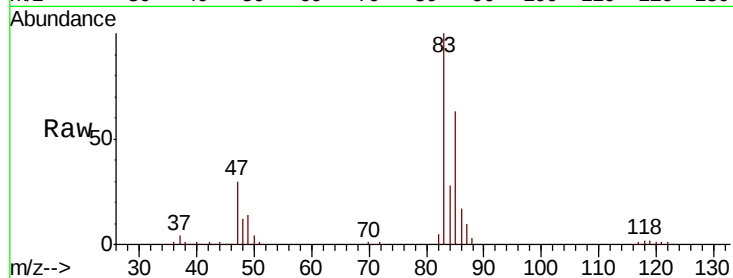




#25
Chloroform
Concen: 3.666 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037712.D
Acq: 14 Apr 2020 21:06

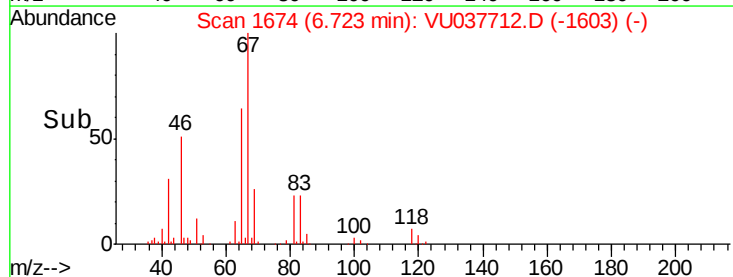
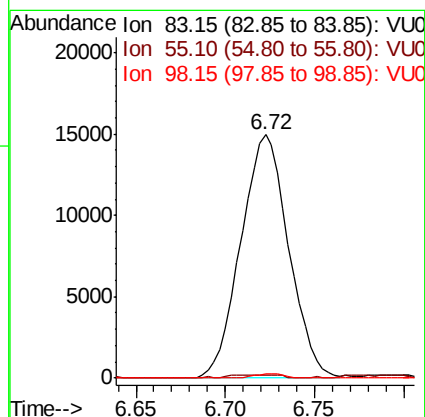
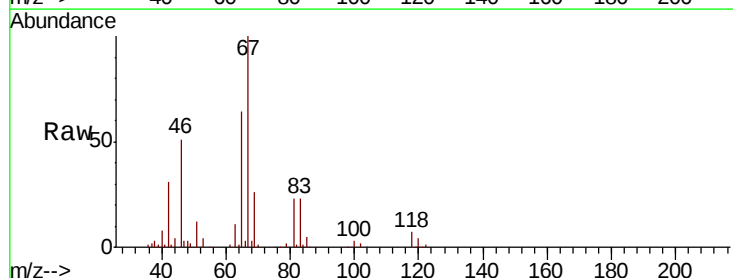
Instrument :
MSVOA_U
ClientSampleId :

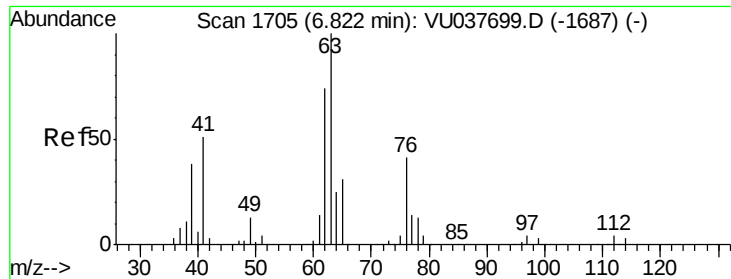
Tot Ion: 83 Resp: 143134
Ion Ratio Lower Upper
83 100
85 63.3 44.9 83.3



#35
Methylcyclohexane
Concen: 0.723 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037712.D
Acq: 14 Apr 2020 21:06

Tgt Ion: 83 Resp: 27934
Ion Ratio Lower Upper
83 100
55 1.3 65.5 98.3#
98 1.1 38.2 57.4#

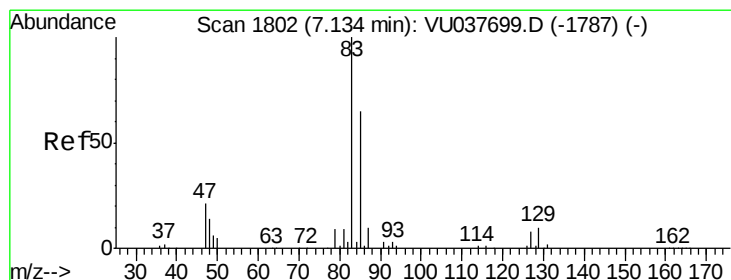
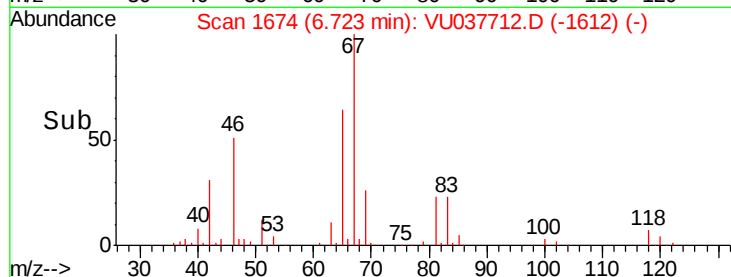
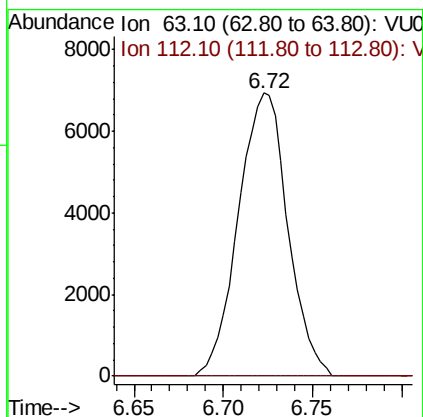
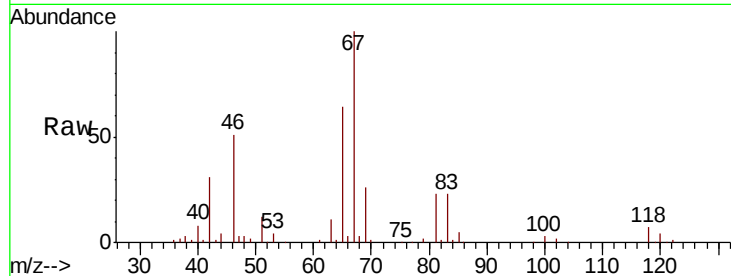




#37
 1,2-Dichloropropane
 Concen: 0.563 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037712.D
 Acq: 14 Apr 2020 21:06

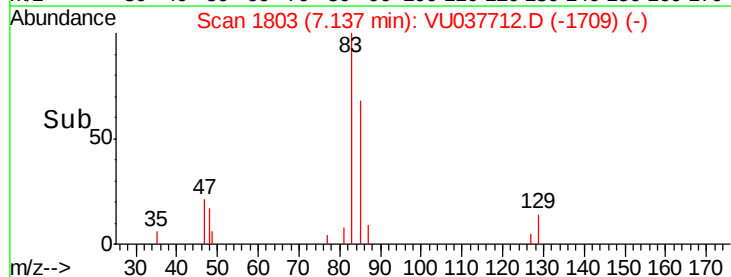
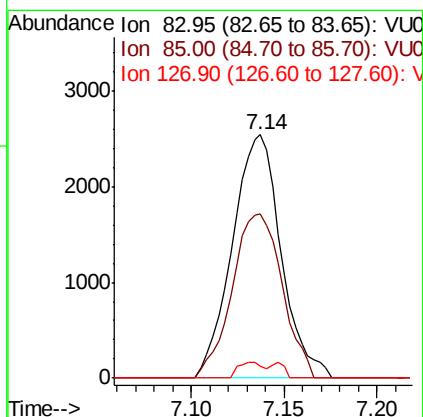
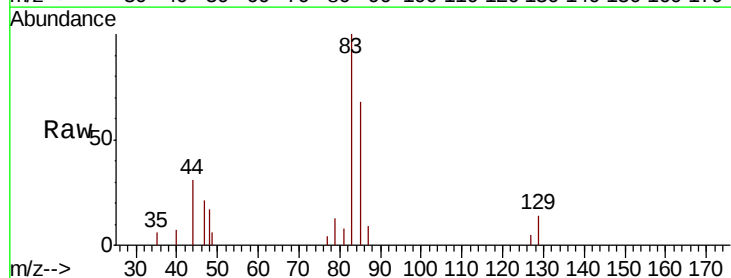
Instrument :
 MSVOA_U
 ClientSampleId :

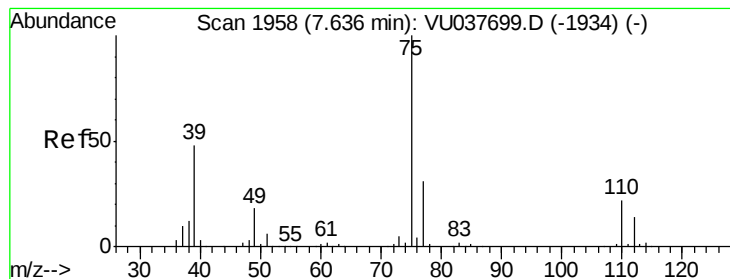
Tot Ion: 63 Resp: 13377
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#38
 Bromodichloromethane
 Concen: 0.165 ug/L
 RT: 7.14 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VU037712.D
 Acq: 14 Apr 2020 21:06

Tgt Ion: 83 Resp: 4653
 Ion Ratio Lower Upper
 83 100
 85 67.6 45.1 83.7
 127 5.1 6.6 9.8#



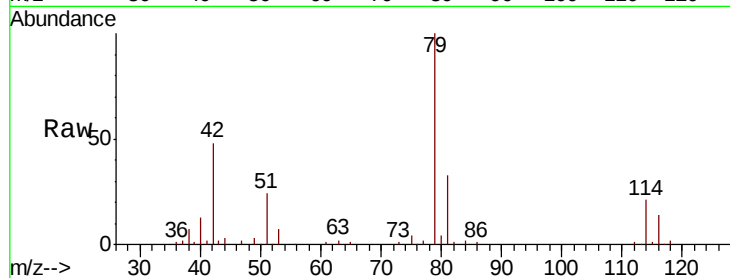


#39

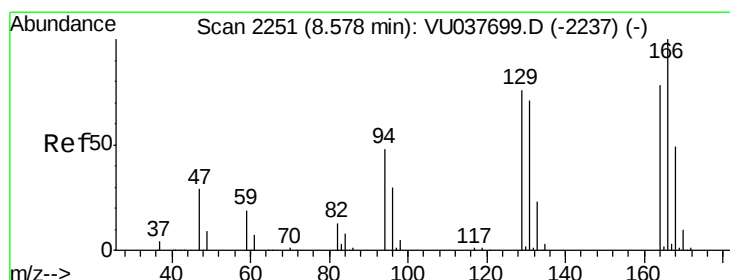
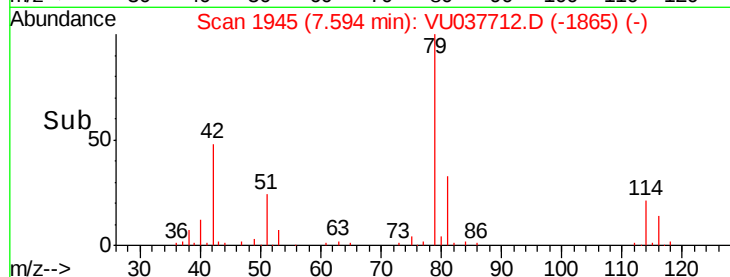
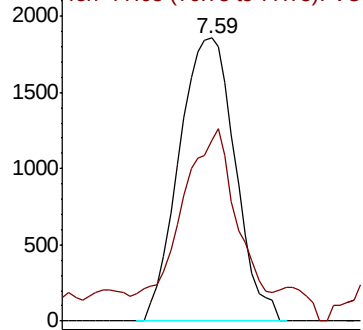
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU037712.D
Acq: 14 Apr 2020 21:06

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 3417
Ion Ratio Lower Upper
75 100
77 63.9 22.2 41.2#



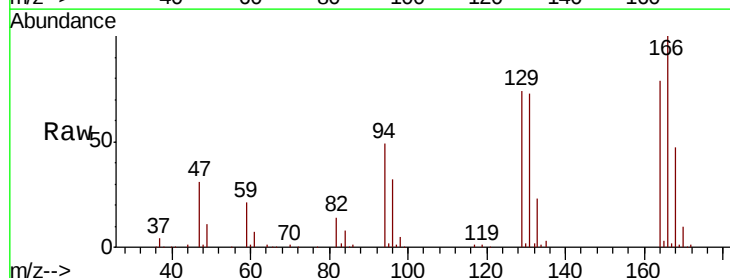
Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0



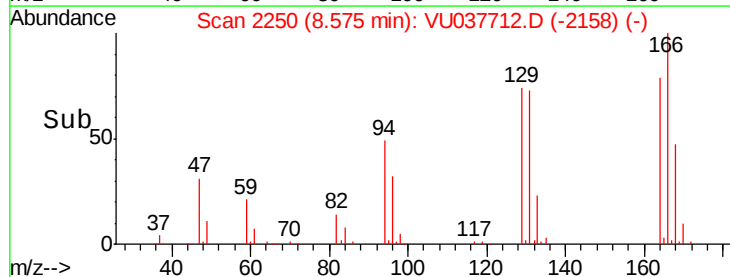
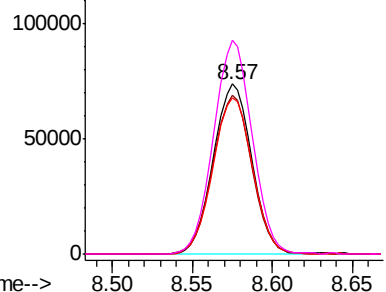
#47

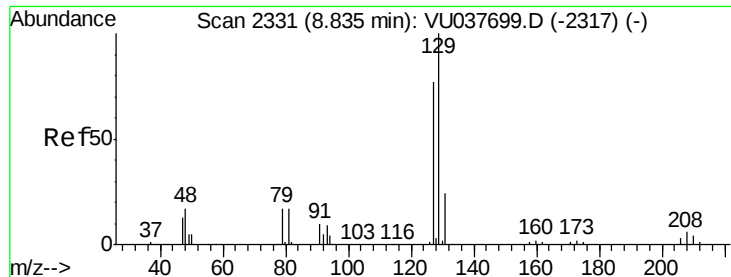
Tetrachloroethene
Concen: 7.647 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU037712.D
Acq: 14 Apr 2020 21:06

Tgt Ion: 164 Resp: 121083
Ion Ratio Lower Upper
164 100
129 93.6 68.1 126.5
131 92.4 65.9 122.5
166 125.9 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: 6.160 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037712.D

Acq: 14 Apr 2020 21:06

Instrument :

MSVOA_U

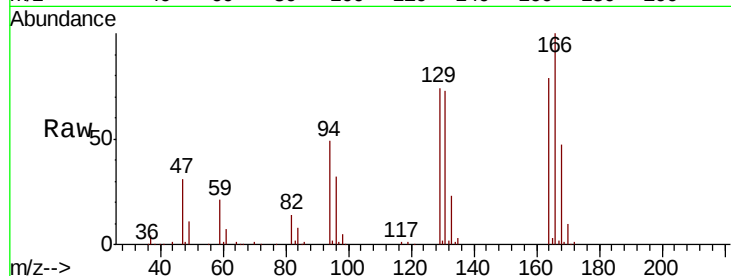
ClientSampled :

Tot Ion:129 Resp: 112817

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

8.57

60000

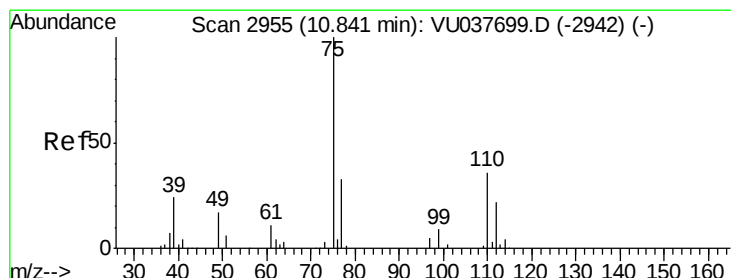
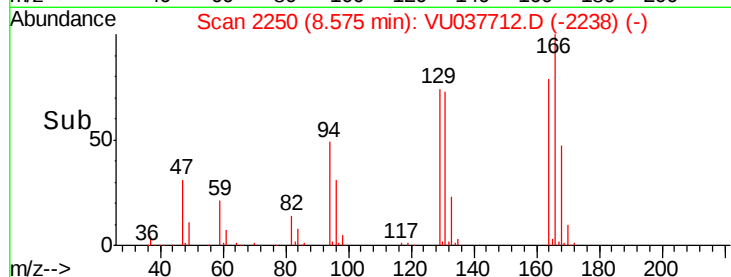
40000

20000

0

8.55 8.60 8.65

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.198 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037712.D

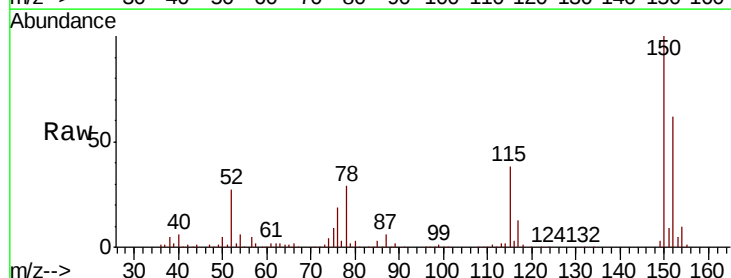
Acq: 14 Apr 2020 21:06

Tgt Ion: 75 Resp: 18651

Ion Ratio Lower Upper

75 100

77 36.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.83

10000

5000

0

11.75 11.80 11.85

Time-->

