

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038136.D
 Acq On : 13 May 2020 11:31
 Operator : JC/MD
 Sample : L2599-02RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:13:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	425253	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	403089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	194544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105283	2.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.20%
7) Chloroethane-d5	1.93	69	100647	2.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.80%#
11) 1,1-Dichloroethene-d2	2.59	63	143560	2.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.20%#
20) 2-Butanone-d5	4.68	46	423755	44.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.30%
24) Chloroform-d	5.10	84	194143	3.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.80%#
26) 1,2-Dichloroethane-d4	5.74	65	118890	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
32) Benzene-d6	5.76	84	416947	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.00%#
36) 1,2-Dichloropropane-d6	6.72	67	137269	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.40%
41) Toluene-d8	7.93	98	362537	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.80%#
43) trans-1,3-Dichloropropene-	8.20	79	51434	3.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.80%
46) 2-Hexanone-d5	8.66	63	348536	47.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	120358	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	136820	3.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.20%#

Target Compounds

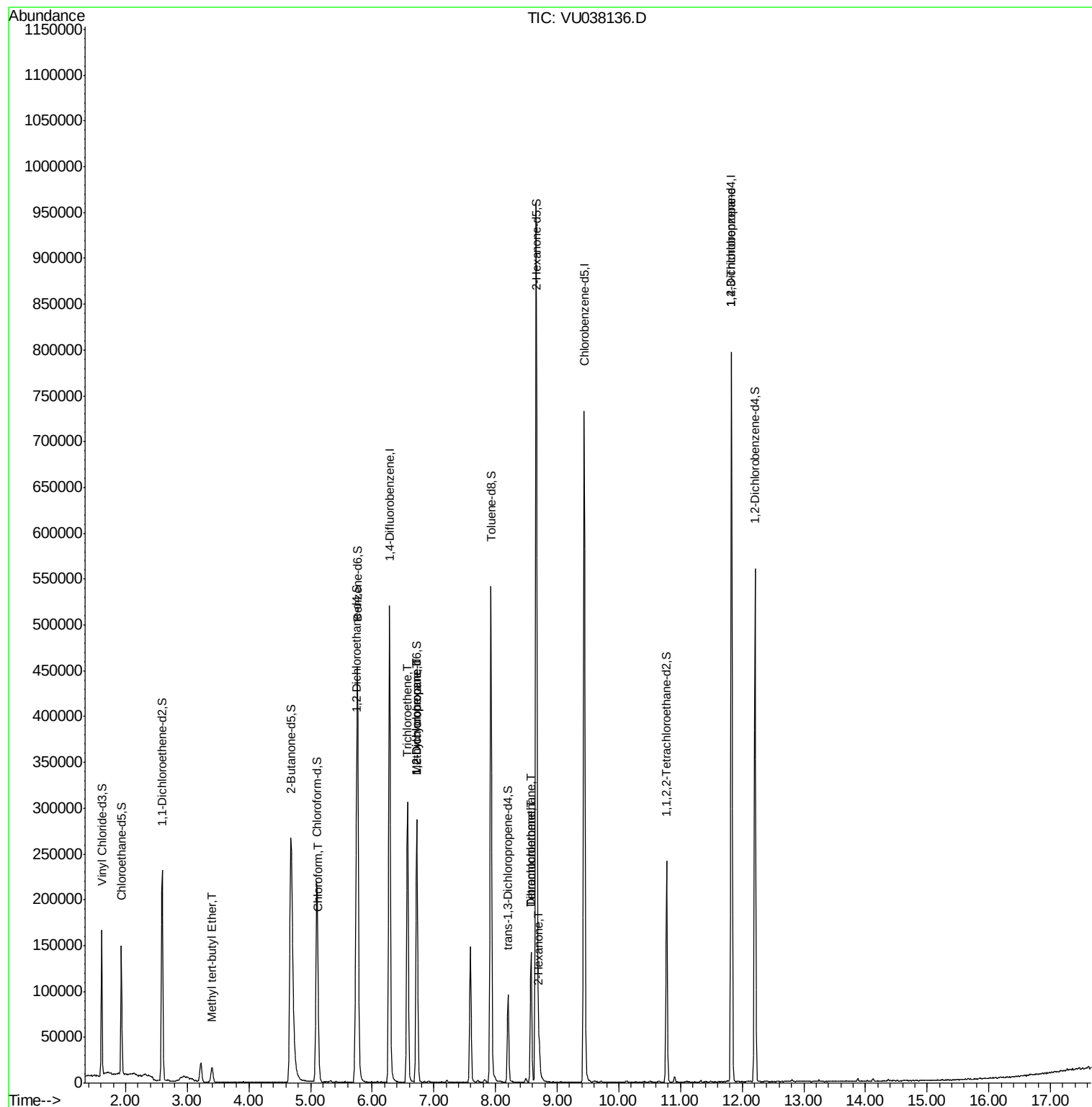
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	18697	0.228	ug/L 98
25) Chloroform	5.13	83	24260	0.413	ug/L 99
34) Trichloroethene	6.57	95	105882	3.280	ug/L 98
35) Methylcyclohexane	6.72	83	29404	0.562	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	15034	0.429	ug/L # 88
47) Tetrachloroethene	8.58	164	32180	1.425	ug/L 96
48) 2-Hexanone	8.71	43	18383	1.033	ug/L # 94
49) Dibromochloromethane	8.58	129	30222	1.196	ug/L # 10
59) 1,2,3-Trichloropropane	11.83	75	26850	1.141	ug/L 91

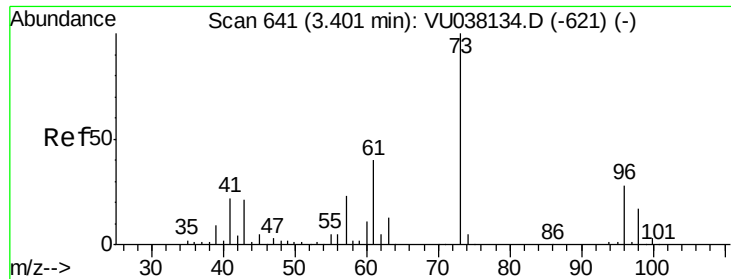
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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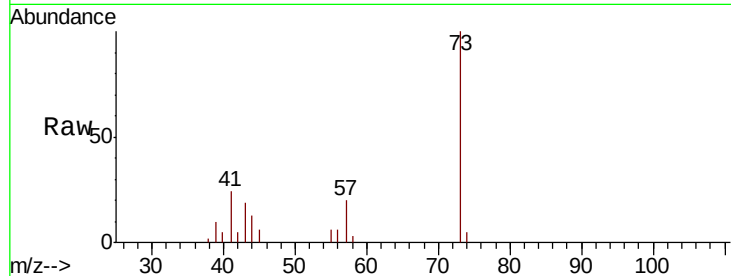




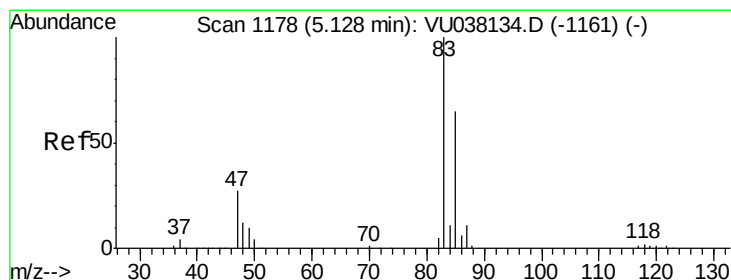
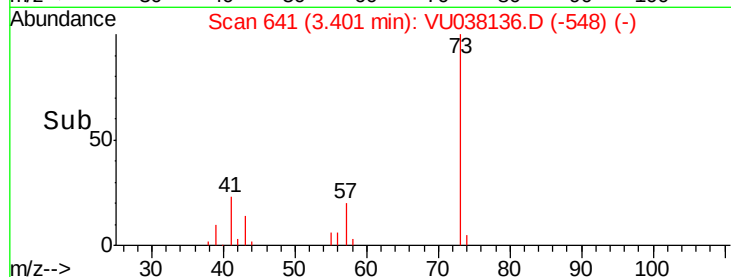
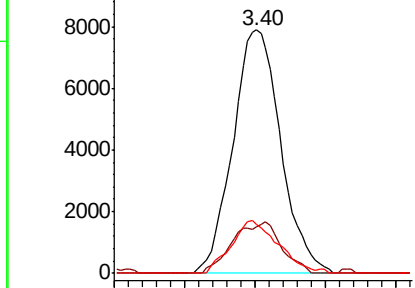
#17
Methyl tert-butyl Ether
Concen: 0.228 ug/L
RT: 3.40 min Scan# 641
Delta R.T. -0.00 min
Lab File: VU038136.D
Acq: 13 May 2020 11:31

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 73 Resp: 18697
Ion Ratio Lower Upper
73 100
43 21.6 16.9 25.3
57 21.4 18.2 27.2

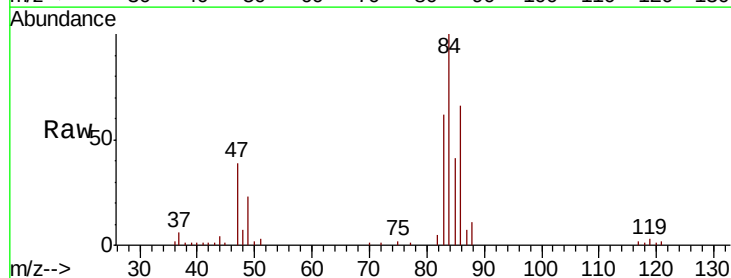


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

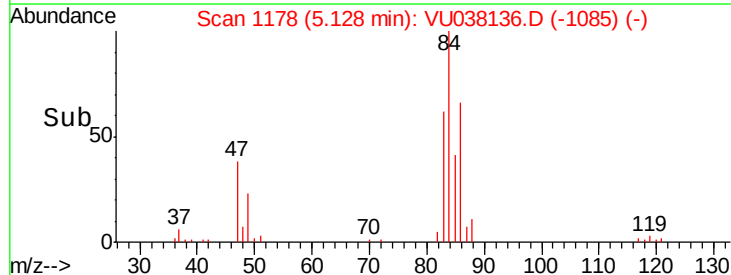
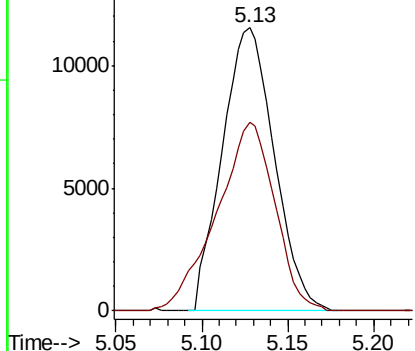


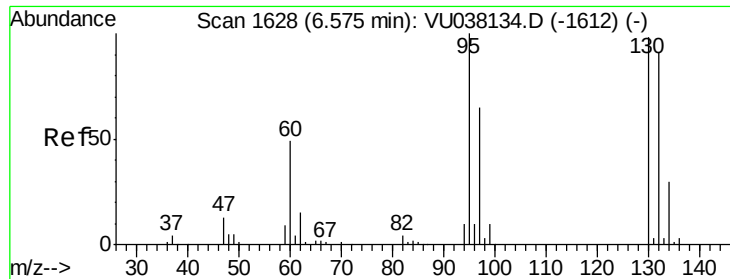
#25
Chloroform
Concen: 0.413 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU038136.D
Acq: 13 May 2020 11:31

Tgt Ion: 83 Resp: 24260
Ion Ratio Lower Upper
83 100
85 66.5 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 3.280 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038136.D

Acq: 13 May 2020 11:31

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 105882

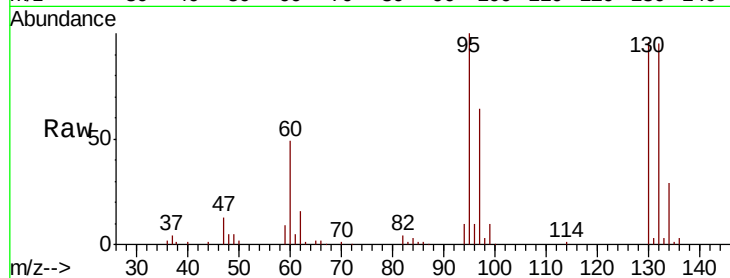
Ion Ratio Lower Upper

95 100

97 63.8 44.9 83.3

132 94.5 63.3 117.5

130 95.9 65.7 122.1

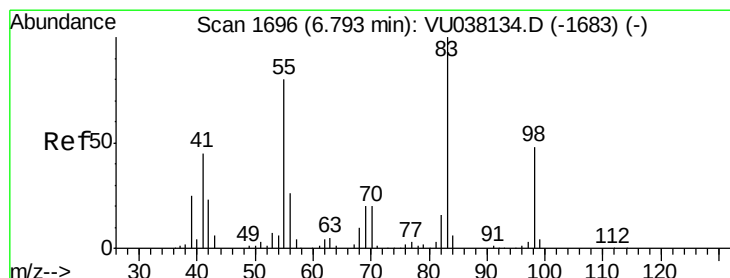
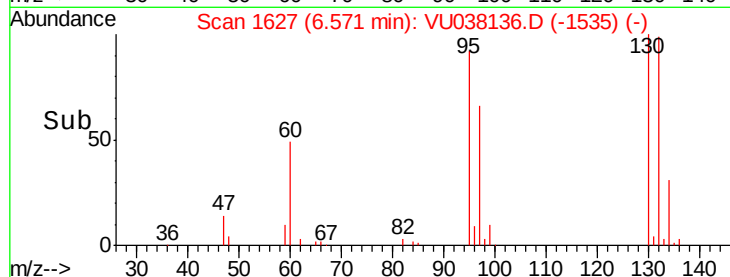
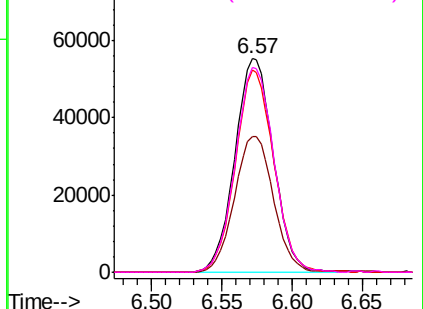


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.562 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038136.D

Acq: 13 May 2020 11:31

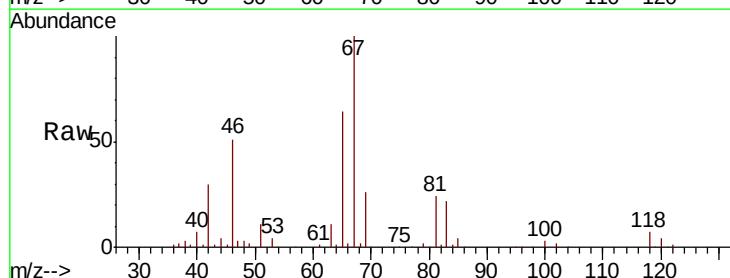
Tgt Ion: 83 Resp: 29404

Ion Ratio Lower Upper

83 100

55 0.4 66.7 100.1#

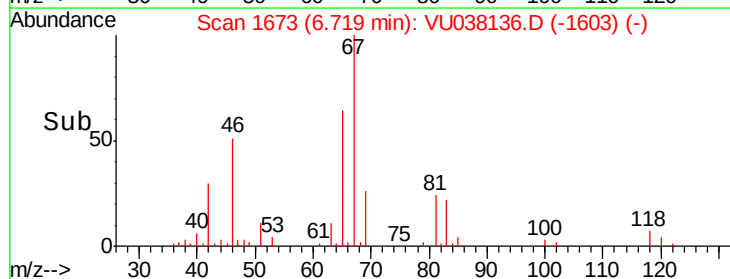
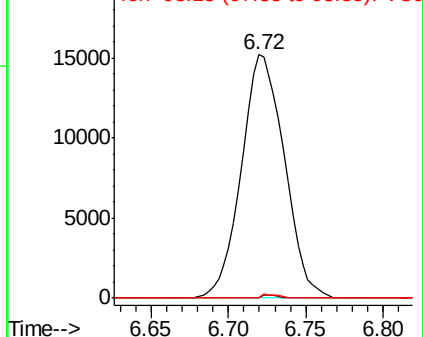
98 0.6 39.4 59.2#

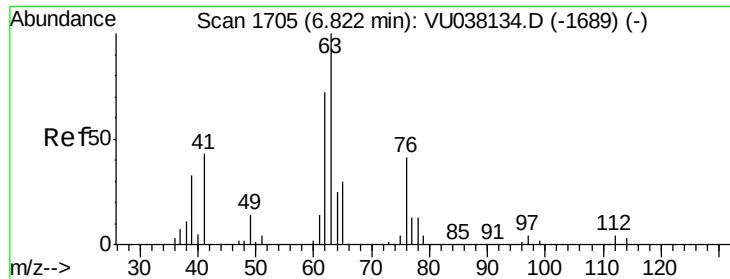


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

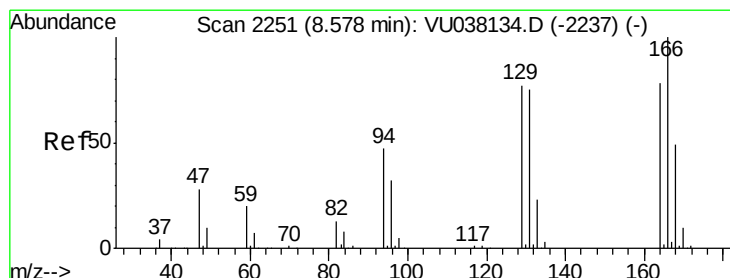
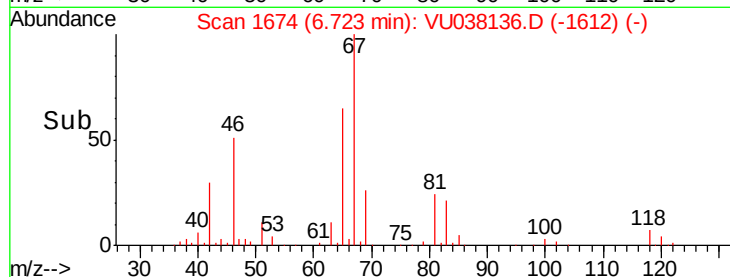
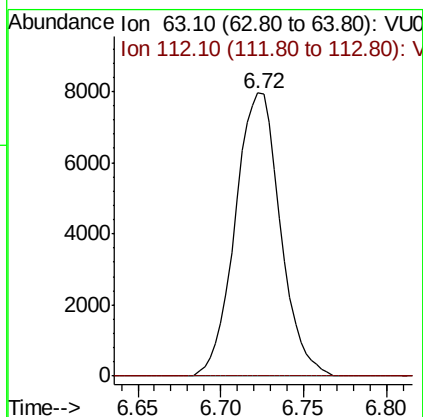
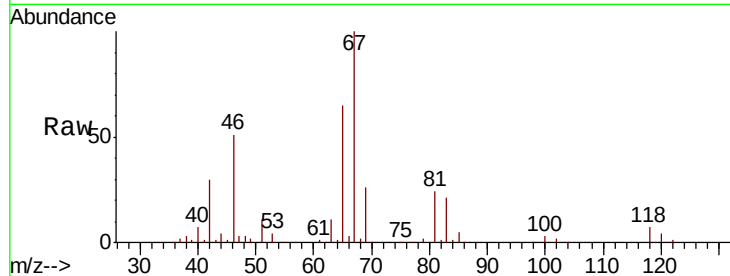




#37
 1,2-Dichloropropane
 Concen: 0.429 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038136.D
 Acq: 13 May 2020 11:31

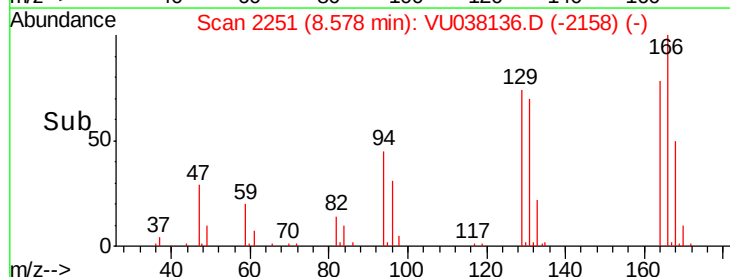
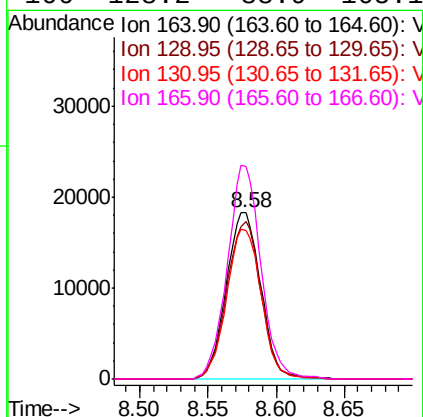
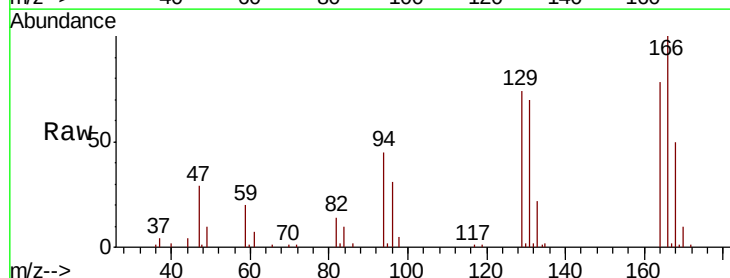
Instrument :
 MSVOA_U
 ClientSampled :

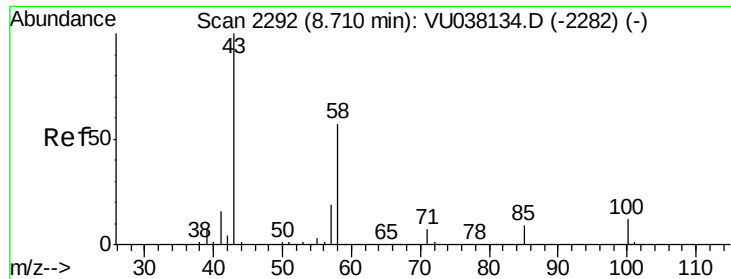
Tot Ion: 63 Resp: 15034
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#47
 Tetrachloroethene
 Concen: 1.425 ug/L
 RT: 8.58 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: VU038136.D
 Acq: 13 May 2020 11:31

Tgt Ion:164 Resp: 32180
 Ion Ratio Lower Upper
 164 100
 129 94.5 68.8 127.8
 131 89.3 66.8 124.2
 166 128.2 88.9 165.1

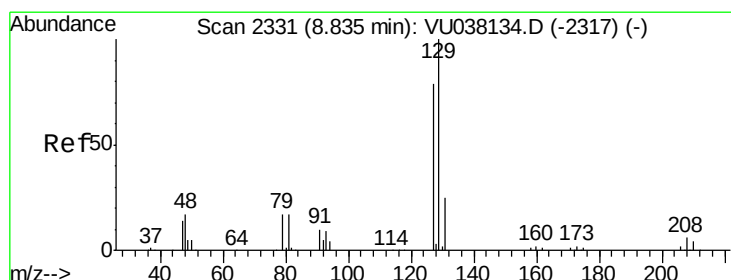
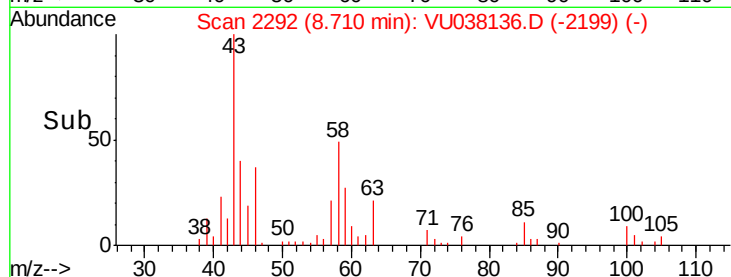
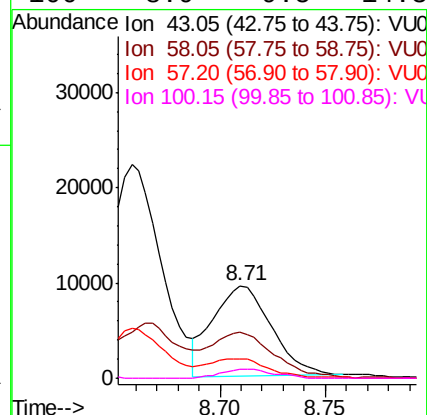
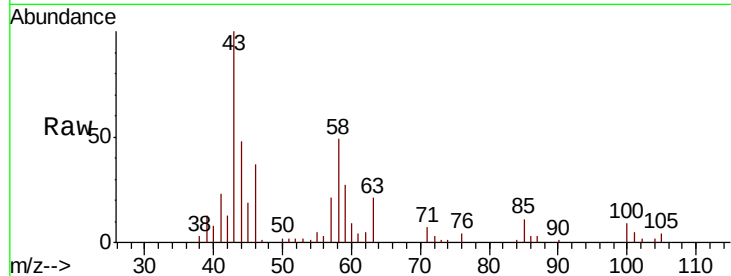




#48
2-Hexanone
Concen: 1.033 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VU038136.D
Acq: 13 May 2020 11:31

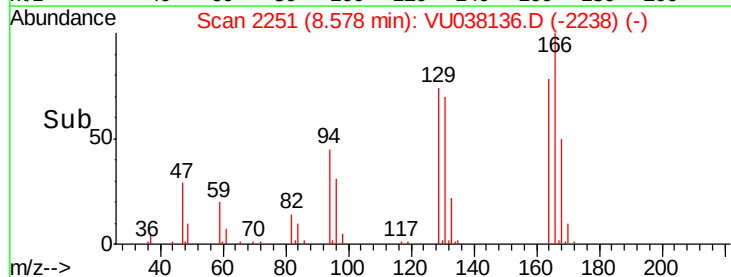
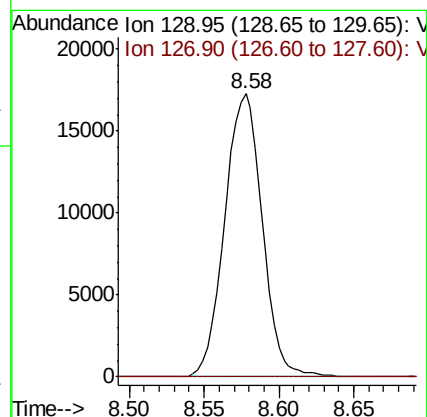
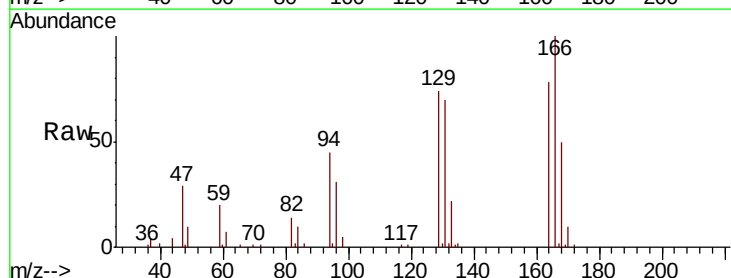
Instrument :
MSVOA_U
ClientSampleId :

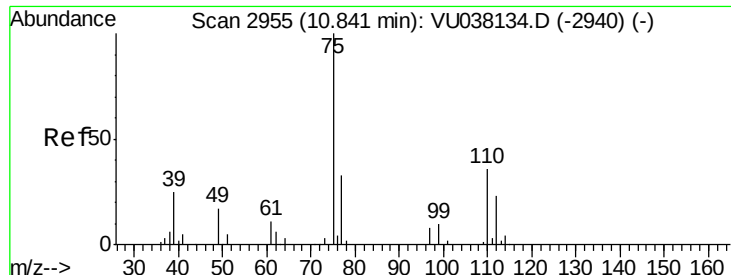
Tot Ion: 43 Resp: 18383
Ion Ratio Lower Upper
43 100
58 53.2 45.2 67.8
57 23.2 15.5 23.3
100 8.9 9.5 14.3#



#49
Dibromochloromethane
Concen: 1.196 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.26 min
Lab File: VU038136.D
Acq: 13 May 2020 11:31

Tgt Ion: 129 Resp: 30222
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#59

1,2,3-Trichloropropane

Concen: 1.141 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038136.D

Acq: 13 May 2020 11:31

Instrument :

MSVOA_U

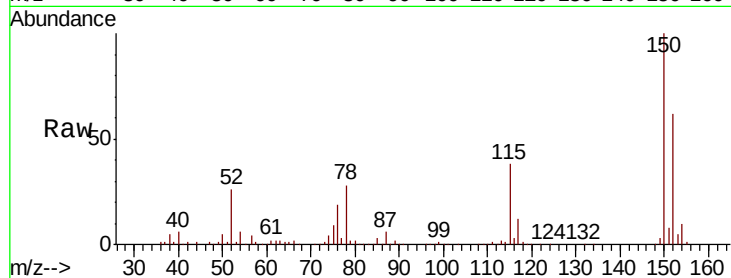
ClientSampleId :

Tot Ion: 75 Resp: 26850

Ion Ratio Lower Upper

75 100

77 36.5 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

