

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038151.D
 Acq On : 13 May 2020 18:12
 Operator : JC/MD
 Sample : L2631-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:16:00 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	350854	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	345176	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	164692	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115407	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.93	69	111443	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.59	63	154767	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.66	46	428019	54.06	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.12%
24) Chloroform-d	5.10	84	217552	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.74	65	133202	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.76	84	463741	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.72	67	155849	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.92	98	405463	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.20	79	55513	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.65	63	358831	56.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	126516	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	151335	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

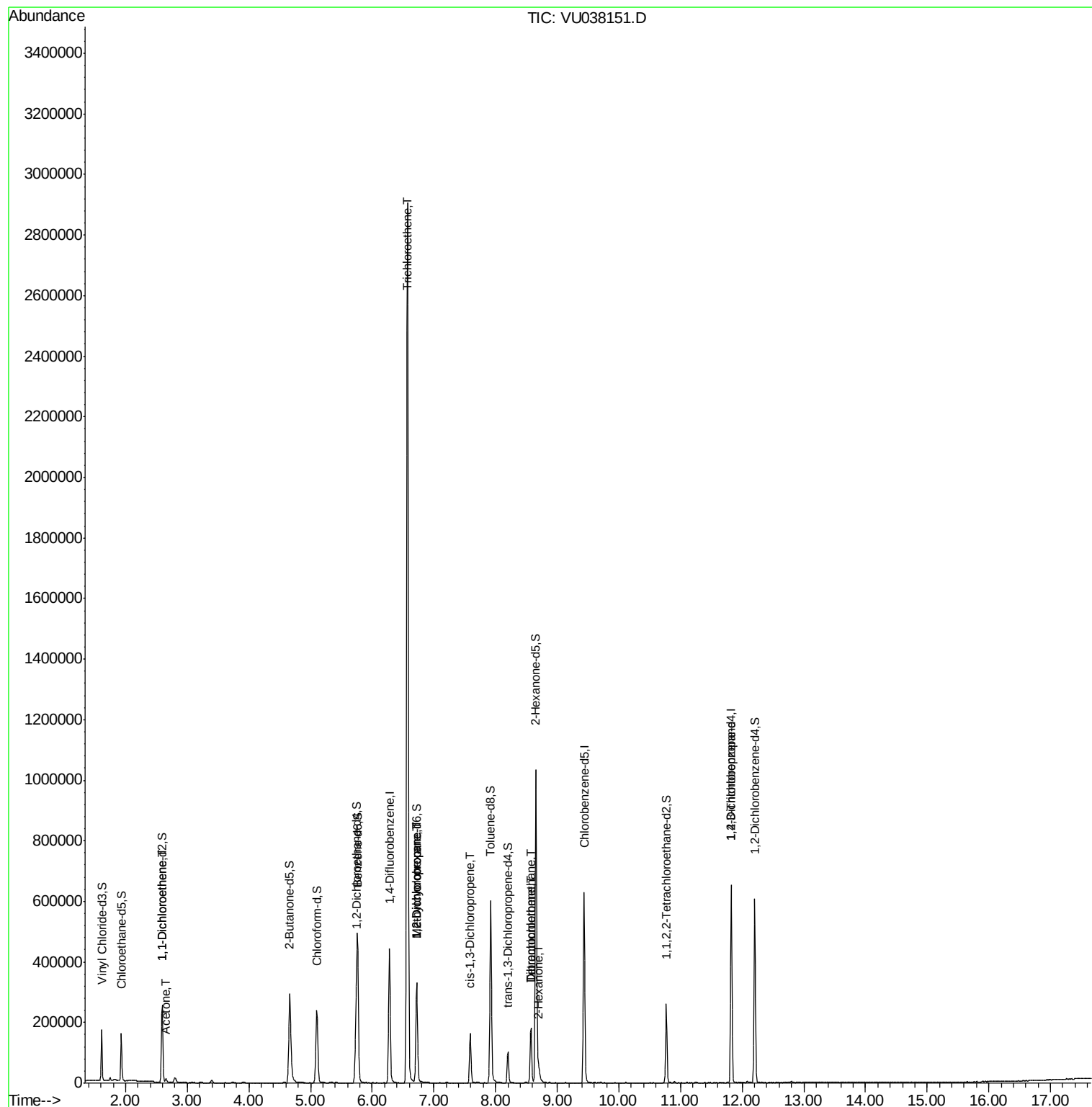
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1624	0.067	ug/L #	1
13) Acetone	2.66	43	15110	3.042	ug/L	99
34) Trichloroethene	6.57	95	987069	35.704	ug/L	97
35) Methylcyclohexane	6.72	83	34858	0.778	ug/L #	15
37) 1,2-Dichloropropane	6.72	63	15980	0.532	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3763	0.088	ug/L #	70
47) Tetrachloroethene	8.57	164	42077	2.176	ug/L	95
48) 2-Hexanone	8.71	43	25303	1.660	ug/L #	94
49) Dibromochloromethane	8.57	129	38921	1.799	ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	22050	1.094	ug/L #	88

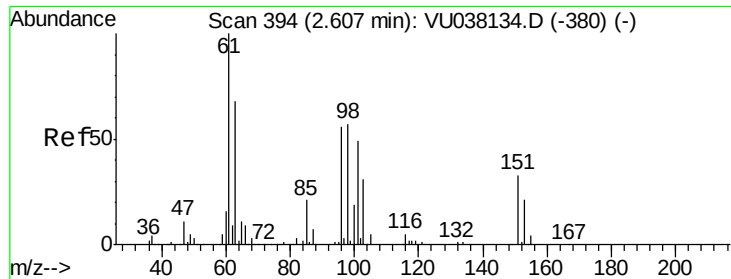
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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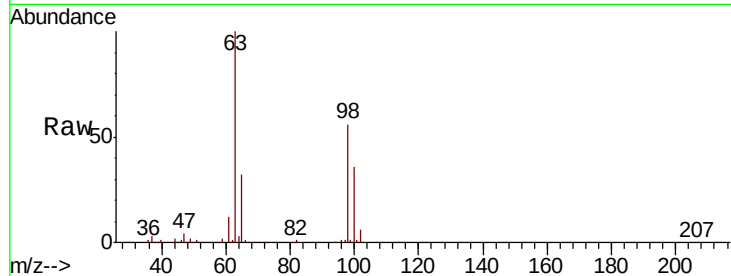




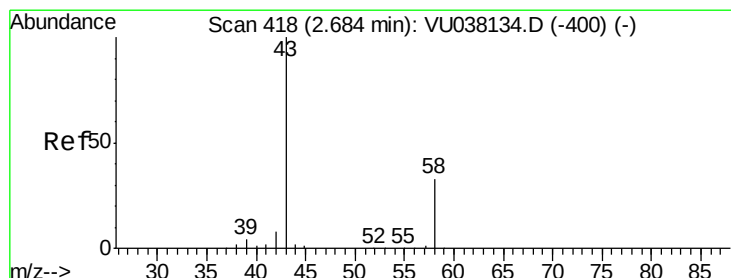
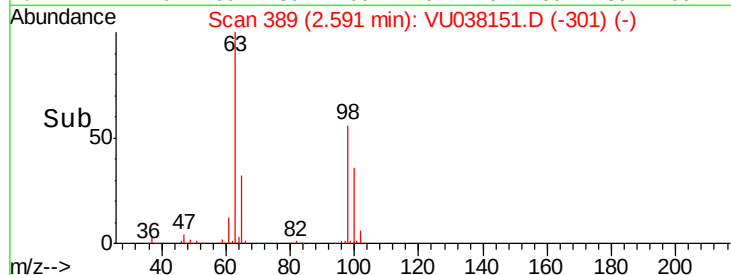
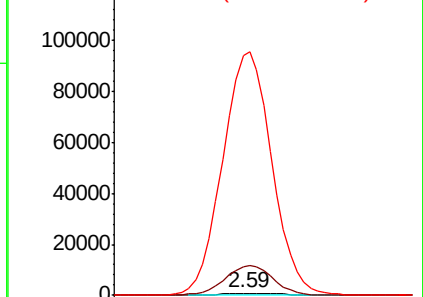
#12
 1,1-Dichloroethene
 Concen: 0.067 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.02 min
 Lab File: VU038151.D
 Acq: 13 May 2020 18:12

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 1624
 Ion Ratio Lower Upper
 96 100
 61 1266.4 126.2 234.4#
 63 10602.5 96.9 179.9#

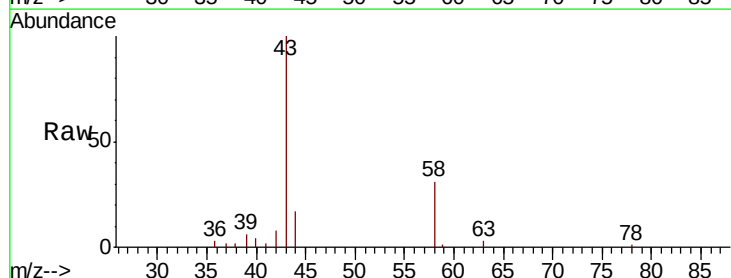


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

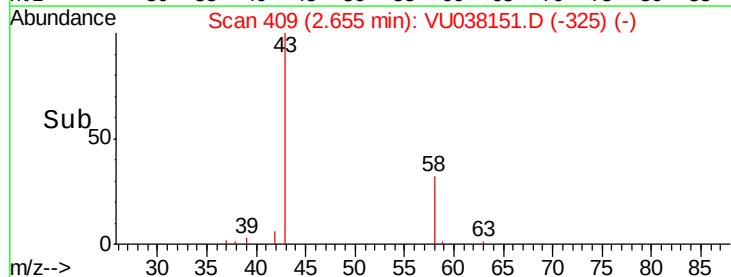
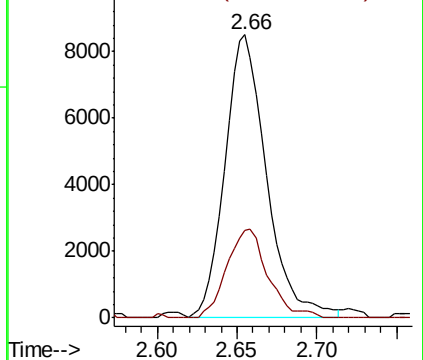


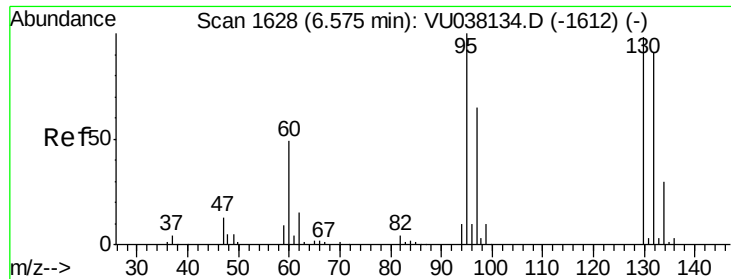
#13
 Acetone
 Concen: 3.042 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: VU038151.D
 Acq: 13 May 2020 18:12

Tgt Ion: 43 Resp: 15110
 Ion Ratio Lower Upper
 43 100
 58 31.0 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0

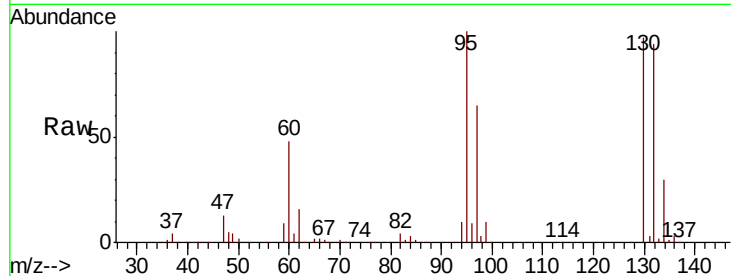




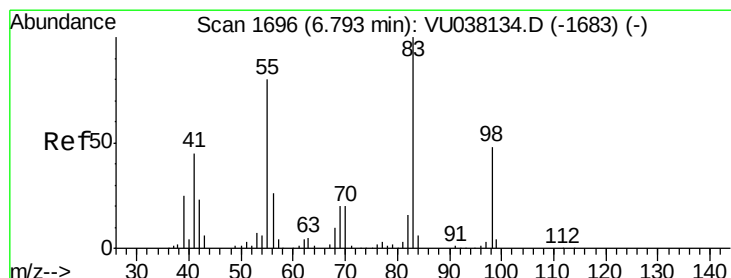
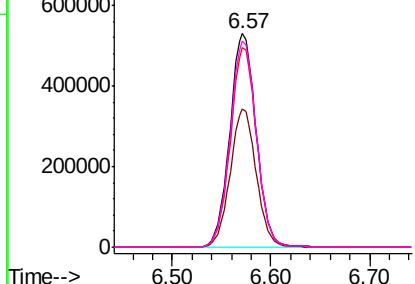
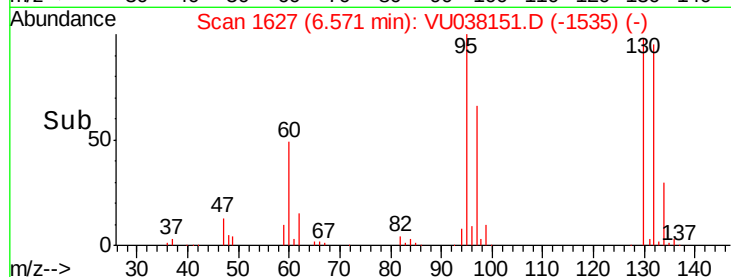
#34
 Trichloroethene
 Concen: 35.704 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038151.D
 Acq: 13 May 2020 18:12

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 987069
 Ion Ratio Lower Upper
 95 100
 97 64.9 44.9 83.3
 132 93.8 63.3 117.5
 130 96.7 65.7 122.1

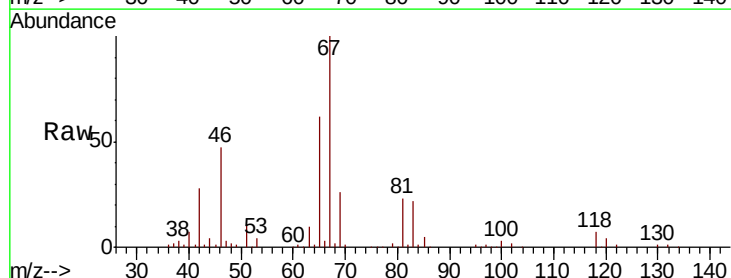


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

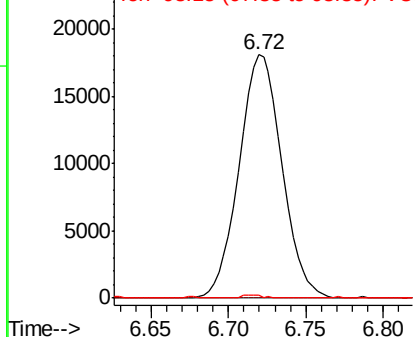
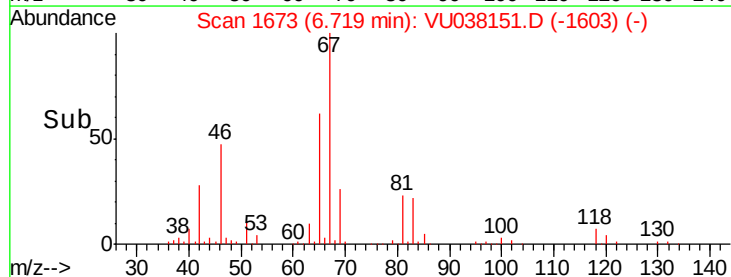


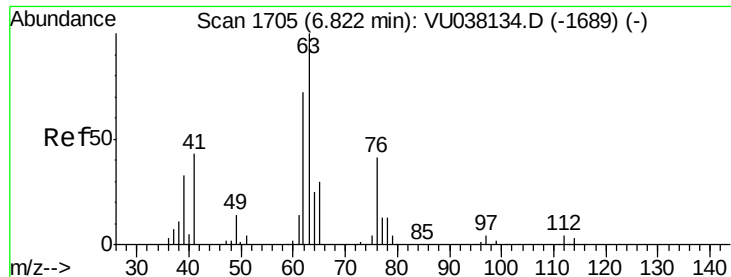
#35
 Methylcyclohexane
 Concen: 0.778 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.07 min
 Lab File: VU038151.D
 Acq: 13 May 2020 18:12

Tgt Ion: 83 Resp: 34858
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.7 100.1#
 98 0.0 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

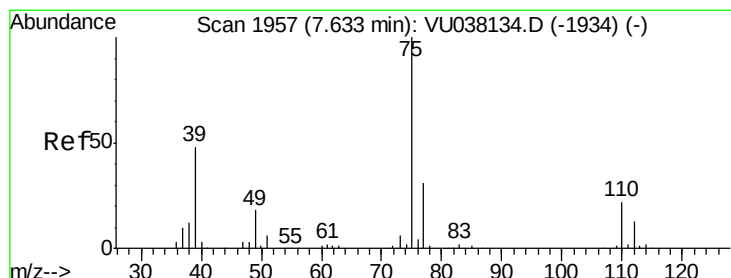
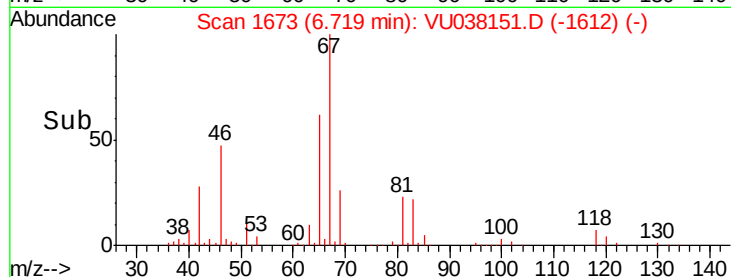
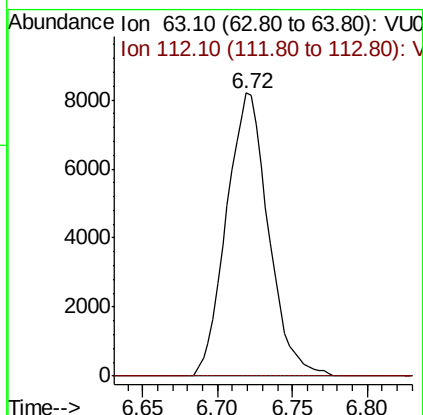
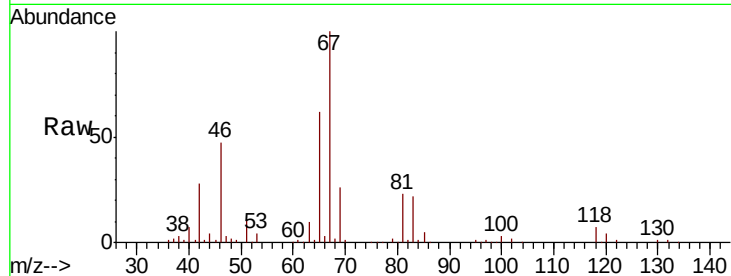




#37
 1,2-Dichloropropane
 Concen: 0.532 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038151.D
 Acq: 13 May 2020 18:12

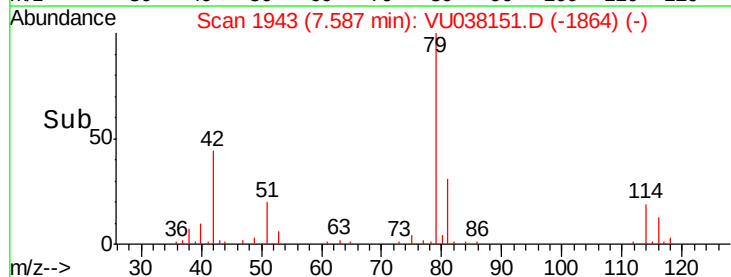
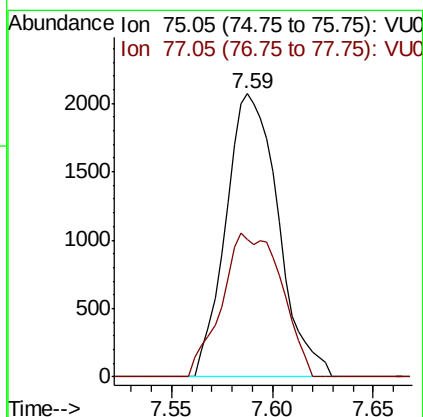
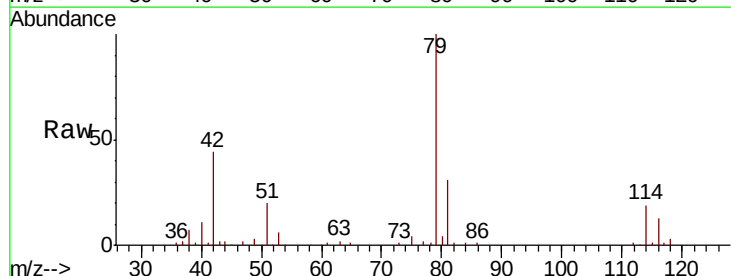
Instrument :
 MSVOA_U
 ClientSampleId :

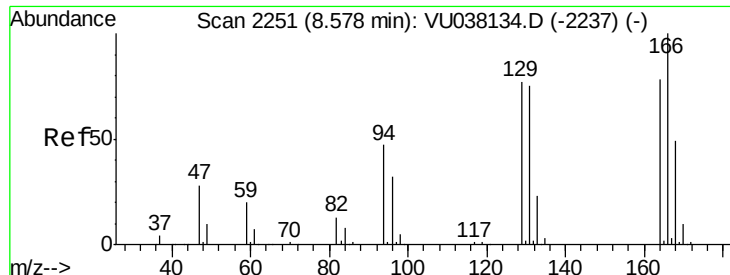
Tot Ion: 63 Resp: 15980
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038151.D
 Acq: 13 May 2020 18:12

Tgt Ion: 75 Resp: 3763
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.4 41.6#





#47

Tetrachloroethene

Concen: 2.176 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038151.D

Acq: 13 May 2020 18:12

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 42077

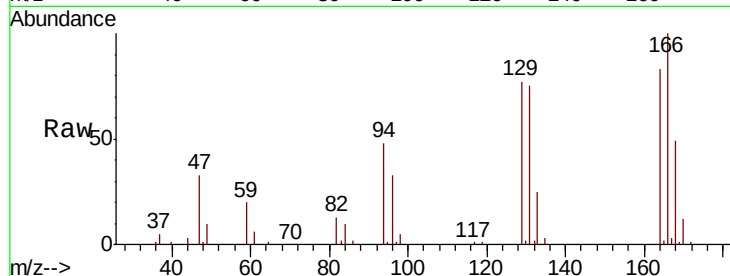
Ion Ratio Lower Upper

164 100

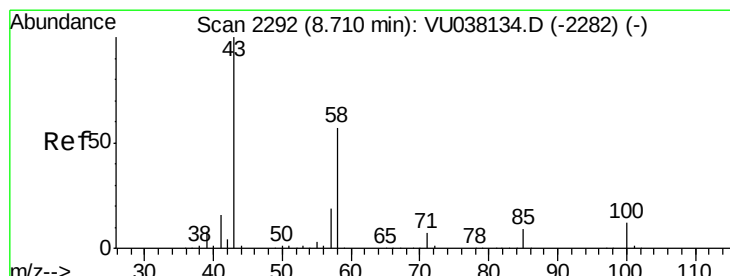
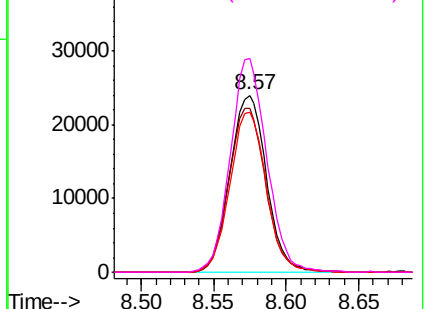
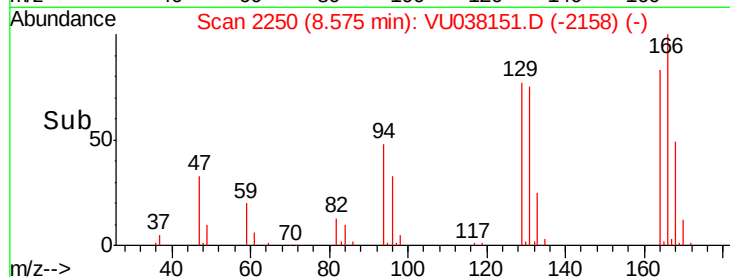
129 92.6 68.8 127.8

131 90.9 66.8 124.2

166 120.9 88.9 165.1



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



#48

2-Hexanone

Concen: 1.660 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038151.D

Acq: 13 May 2020 18:12

Tgt Ion: 43 Resp: 25303

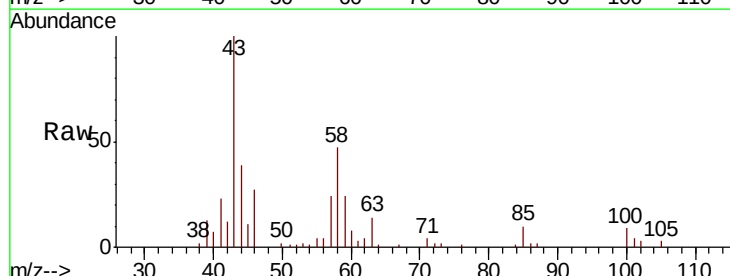
Ion Ratio Lower Upper

43 100

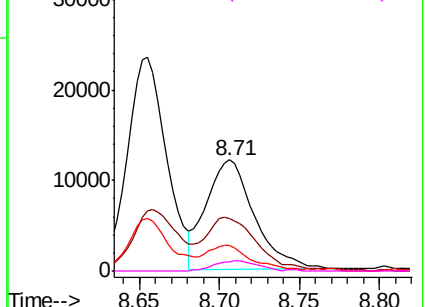
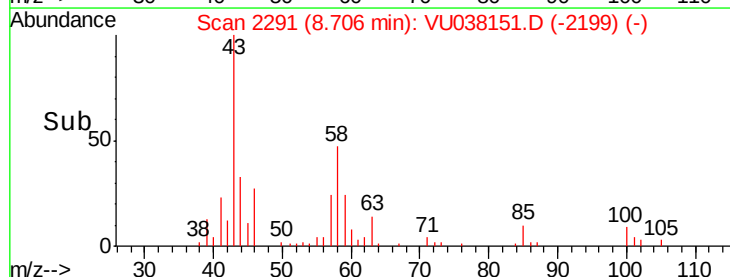
58 51.2 45.2 67.8

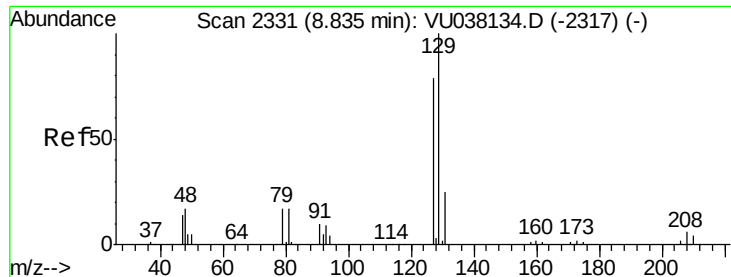
57 20.2 15.5 23.3

100 8.3 9.5 14.3#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 1.799 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU038151.D

Acq: 13 May 2020 18:12

Instrument :

MSVOA_U

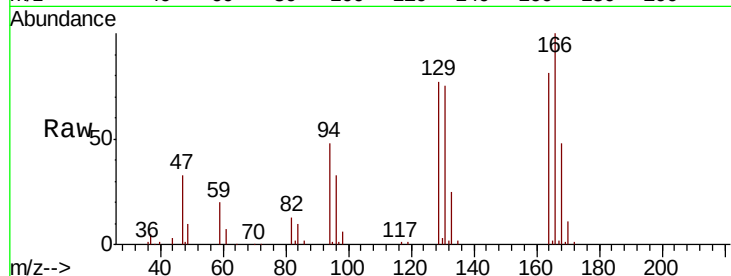
ClientSampled :

Tot Ion:129 Resp: 38921

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.57

25000

20000

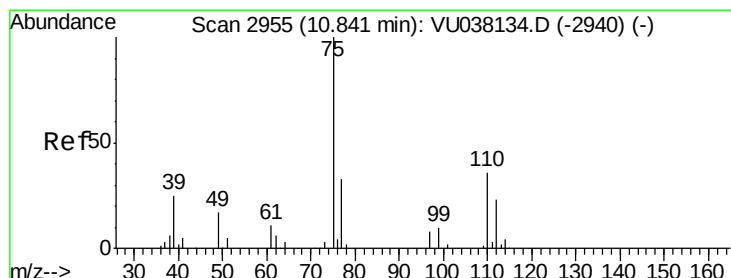
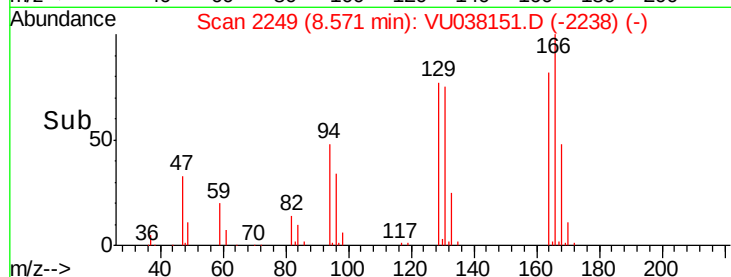
15000

10000

5000

0

Time--> 8.50 8.55 8.60 8.65



#59

1,2,3-Trichloropropane

Concen: 1.094 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038151.D

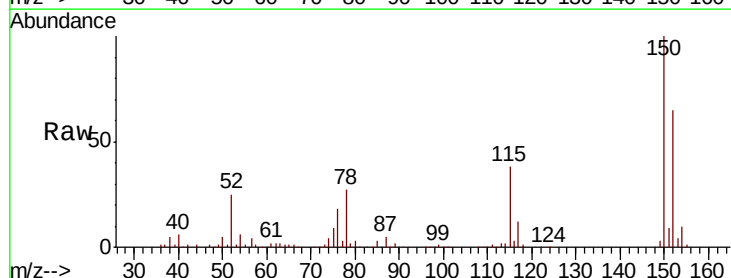
Acq: 13 May 2020 18:12

Tgt Ion: 75 Resp: 22050

Ion Ratio Lower Upper

75 100

77 38.2 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.83

15000

10000

5000

0

Time--> 11.75 11.80 11.85

