

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050120\
 Data File : VU037988.D
 Acq On : 01 May 2020 14:45
 Operator : JC/MD
 Sample : L2471-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 02 00:12:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 02 00:09:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	706448	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	687407	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	310799	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	262302	42.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.42%
7) Chloroethane-d5	1.93	69	222260	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.94%
11) 1,1-Dichloroethene-d2	2.59	63	321633	31.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.28%
21) 2-Butanone-d5	4.66	46	419962	86.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.47%
24) Chloroform-d	5.10	84	405763	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
26) 1,2-Dichloroethane-d4	5.74	65	297025	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
32) Benzene-d6	5.76	84	914108	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
36) 1,2-Dichloropropane-d6	6.72	67	302126	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.94%
41) Toluene-d8	7.92	98	819034	44.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.14%
43) trans-1,3-Dichloropropene-	8.20	79	134593	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.44%
47) 2-Hexanone-d5	8.65	63	272946	93.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	411764	42.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.08%
64) 1,2-Dichlorobenzene-d4	12.20	152	288414	44.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.76%

Target Compounds

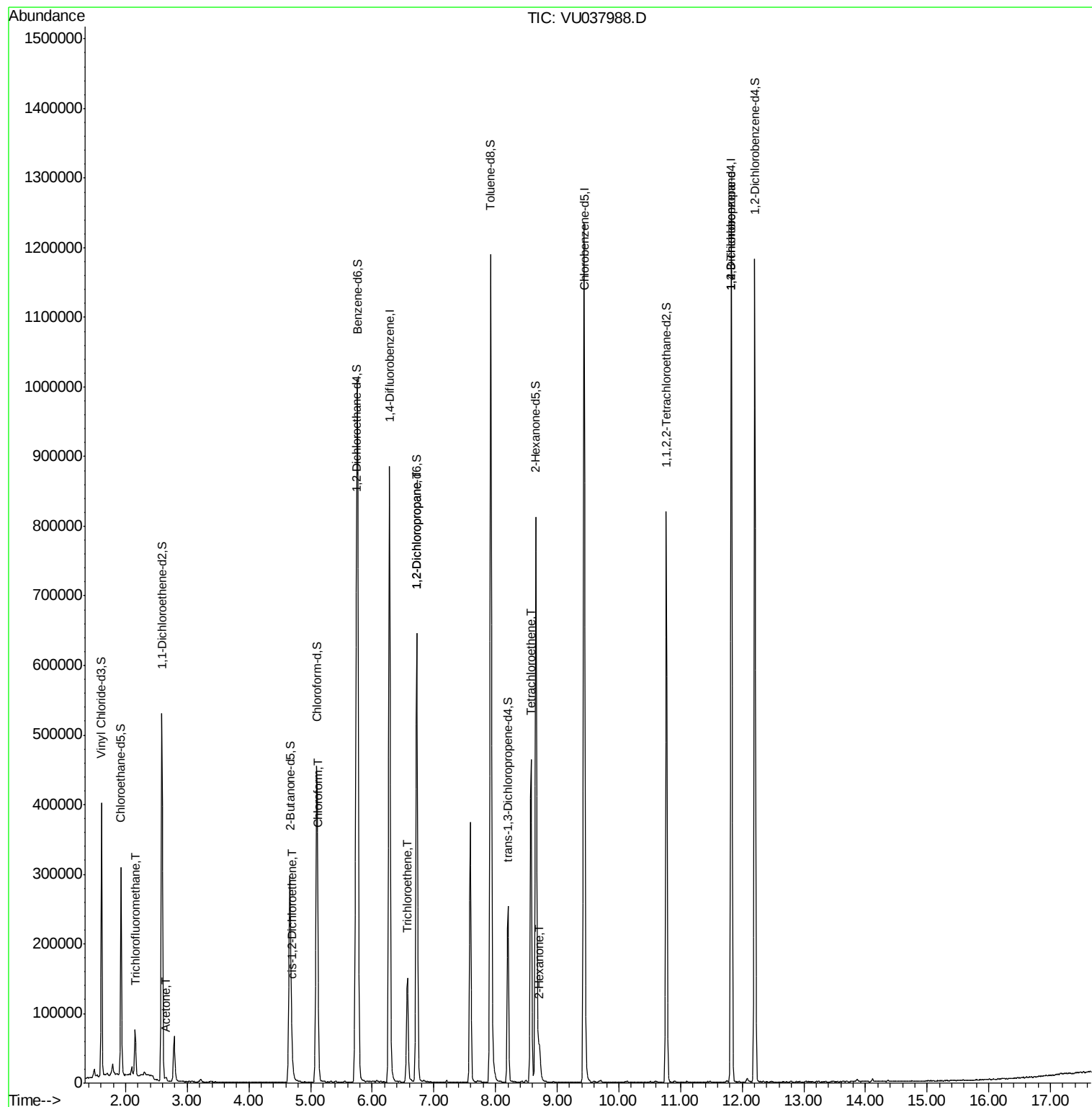
					Ovalue
9) Trichlorofluoromethane	2.16	101	39682	5.394 ug/L	98
13) Acetone	2.66	43	5555	1.776 ug/L	92
20) cis-1,2-Dichloroethene	4.70	96	5051	0.914 ug/L	90
25) Chloroform	5.12	83	19392	2.030 ug/L	98
34) Trichloroethene	6.57	95	47023	9.024 ug/L	98
37) 1,2-Dichloropropane	6.72	63	32209	5.606 ug/L #	88
46) Tetrachloroethene	8.57	164	99785	26.228 ug/L	98
48) 2-Hexanone	8.71	43	36107	4.707 ug/L	89
59) 1,2,3-Trichloropropane	11.83	75	43088	5.409 ug/L	91

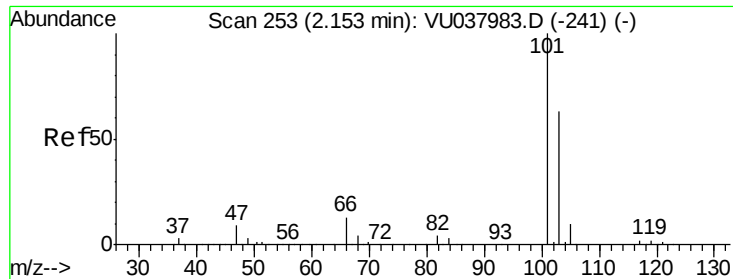
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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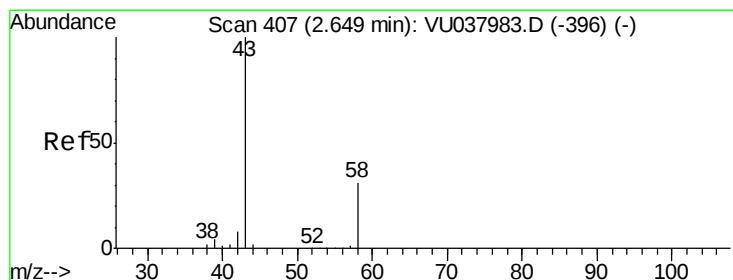
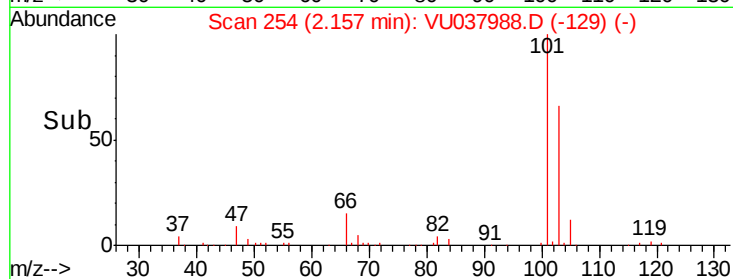
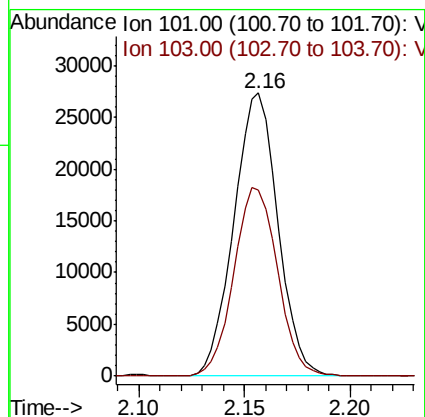
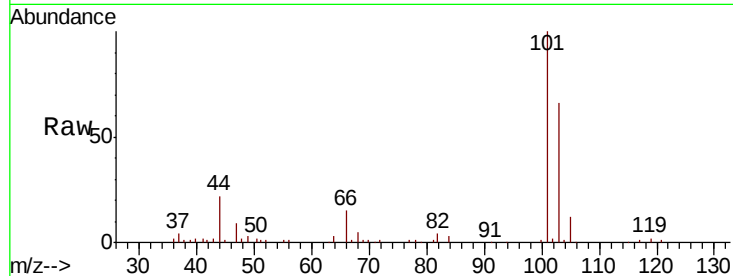


#9

Trichlorofluoromethane
 Concen: 5.394 ug/L
 RT: 2.16 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VU037988.D
 Acq: 01 May 2020 14:45

Instrument :
 MSVOA_U
 ClientSampleId :

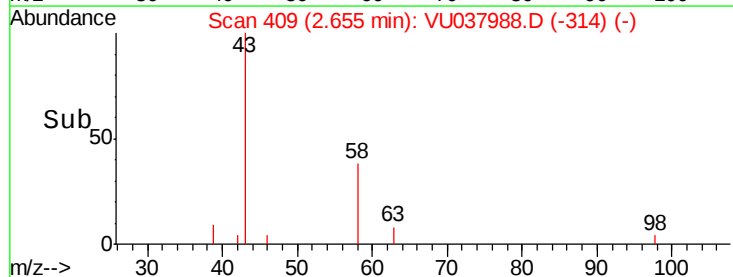
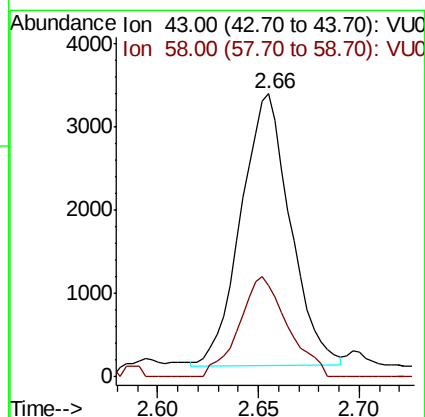
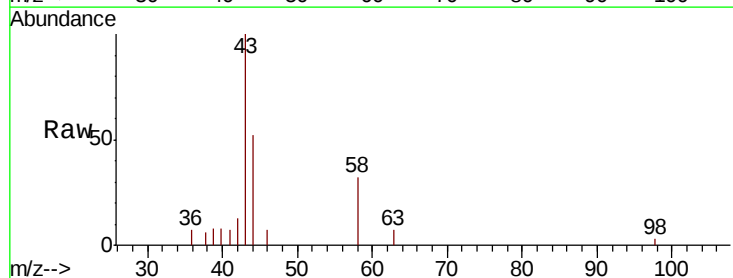
Tot Ion:101 Resp: 39682
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.4 77.0

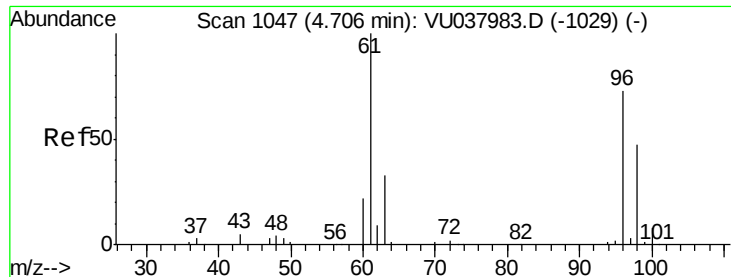


#13

Acetone
 Concen: 1.776 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VU037988.D
 Acq: 01 May 2020 14:45

Tgt Ion: 43 Resp: 5555
 Ion Ratio Lower Upper
 43 100
 58 36.4 0.0 64.4

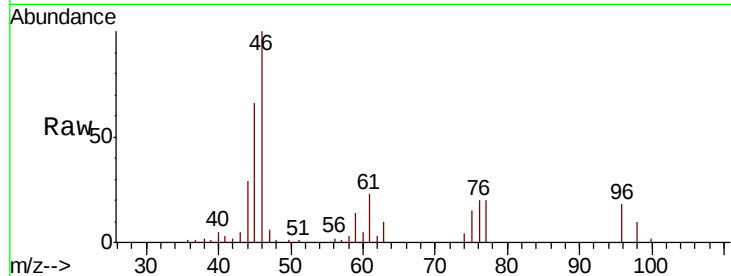




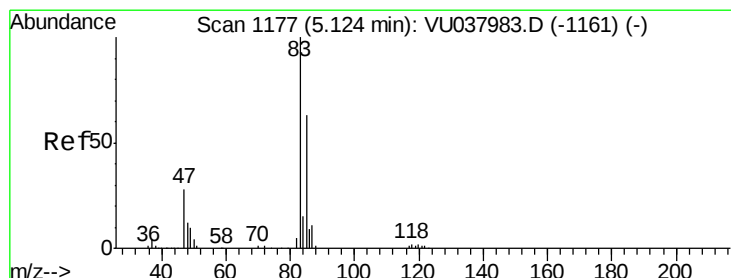
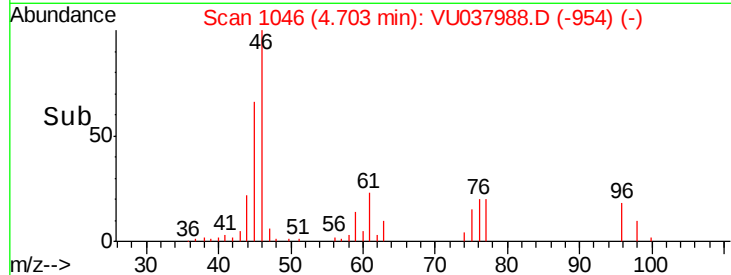
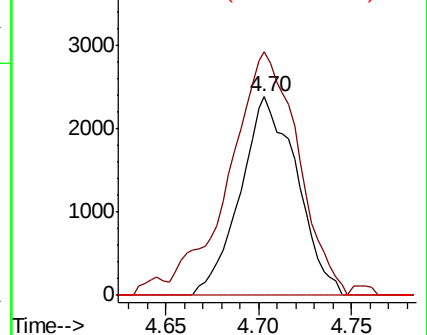
#20
 cis-1,2-Dichloroethene
 Concen: 0.914 ug/L
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU037988.D
 Acq: 01 May 2020 14:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 5051
 Ion Ratio Lower Upper
 96 100
 61 122.6 93.9 174.3
 68 0.0 0.0 0.0

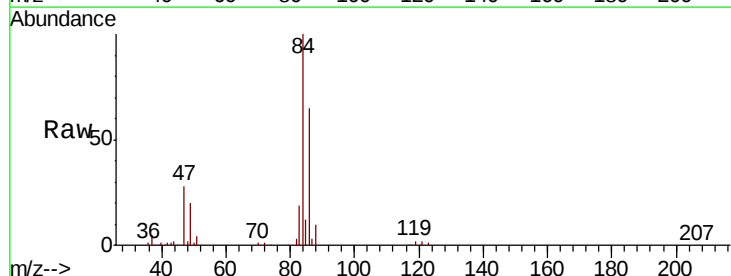


Abundance Ion 96.00 (95.70 to 96.70): VU037988.D (-1029) (-)
 Ion 61.00 (60.70 to 61.70): VU037988.D (-1029) (-)
 Ion 68.00 (67.70 to 68.70): VU037988.D (-1029) (-)

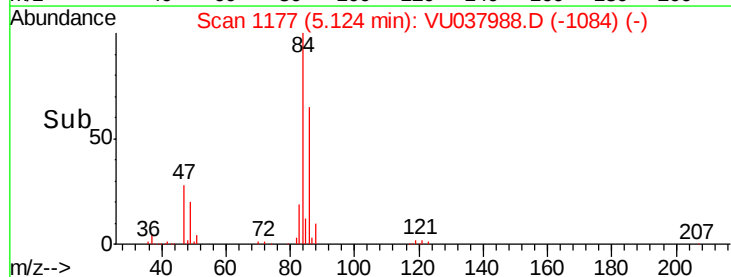
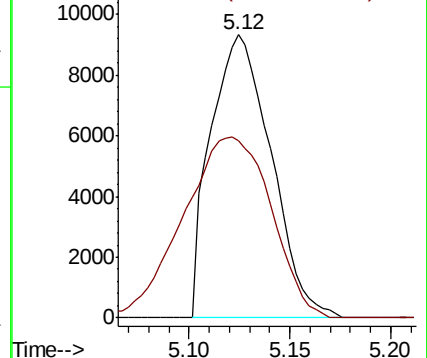


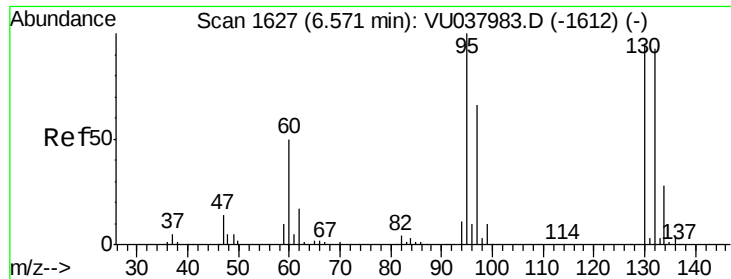
#25
 Chloroform
 Concen: 2.030 ug/L
 RT: 5.12 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VU037988.D
 Acq: 01 May 2020 14:45

Tgt Ion: 83 Resp: 19392
 Ion Ratio Lower Upper
 83 100
 85 62.5 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU037988.D (-1161) (-)
 Ion 85.00 (84.70 to 85.70): VU037988.D (-1161) (-)

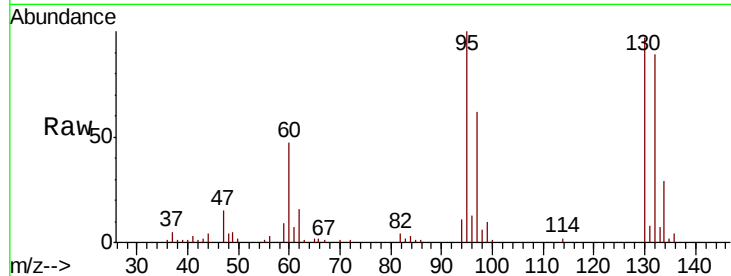




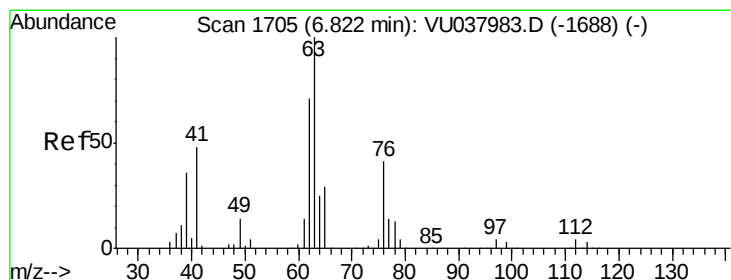
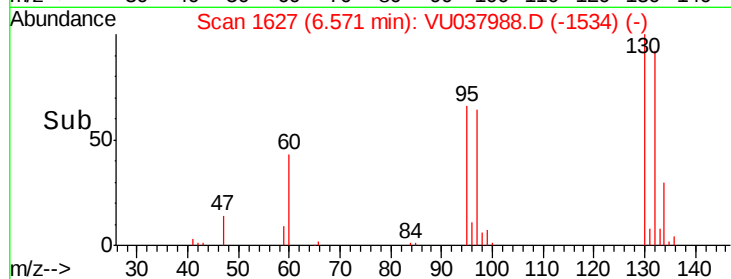
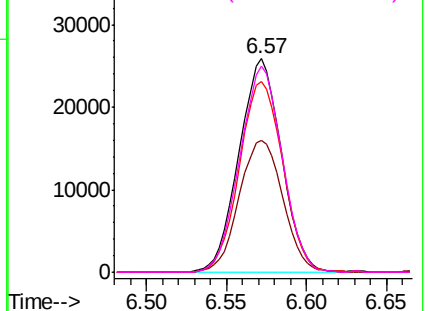
#34
 Trichloroethene
 Concen: 9.024 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037988.D
 Acq: 01 May 2020 14:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	95	Resp:	47023
Ion	Ratio	Lower	Upper
95	100		
97	62.0	44.9	83.5
132	89.1	63.2	117.4
130	96.8	65.9	122.3

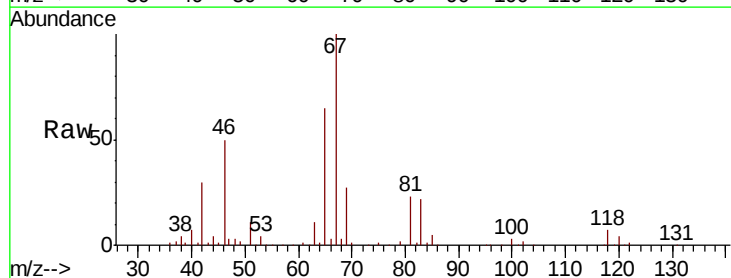


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

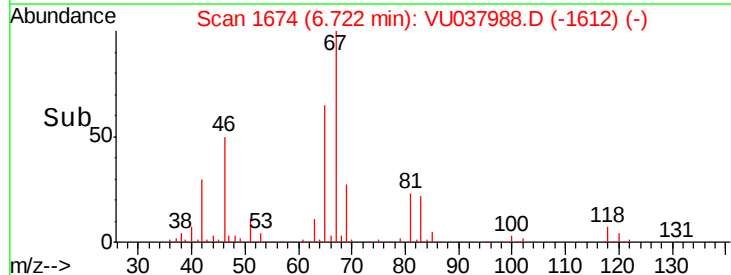
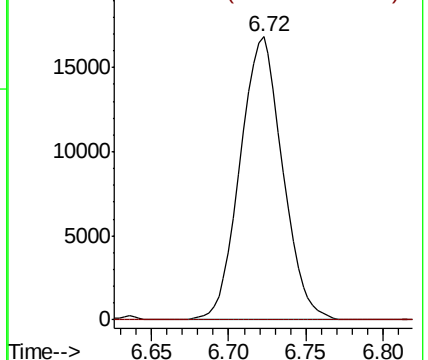


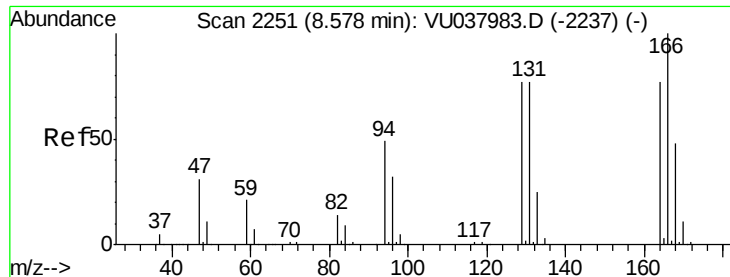
#37
 1,2-Dichloropropane
 Concen: 5.606 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037988.D
 Acq: 01 May 2020 14:45

Tgt Ion:	63	Resp:	32209
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 26.228 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037988.D

Acq: 01 May 2020 14:45

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 99785

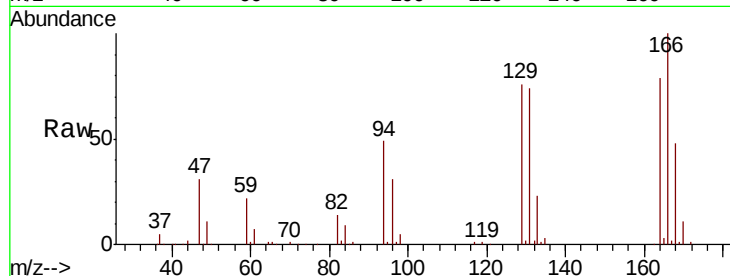
Ion Ratio Lower Upper

164 100

129 96.0 68.4 127.0

131 94.2 65.7 122.1

166 127.0 86.7 161.1

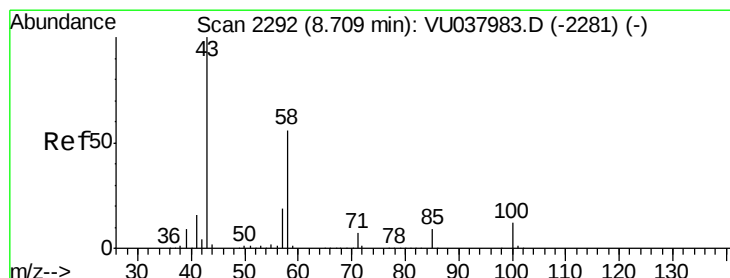
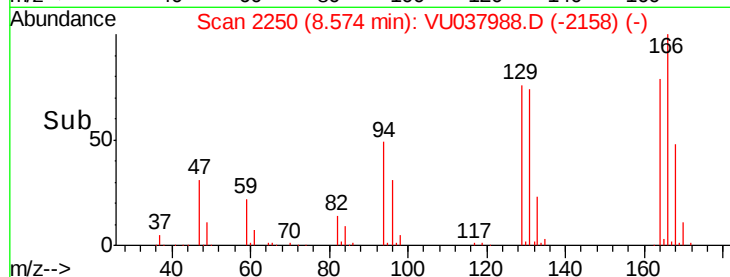
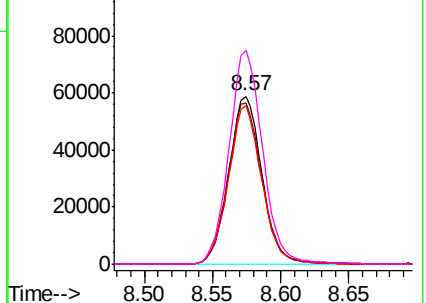


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.707 ug/L

RT: 8.71 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VU037988.D

Acq: 01 May 2020 14:45

Tgt Ion: 43 Resp: 36107

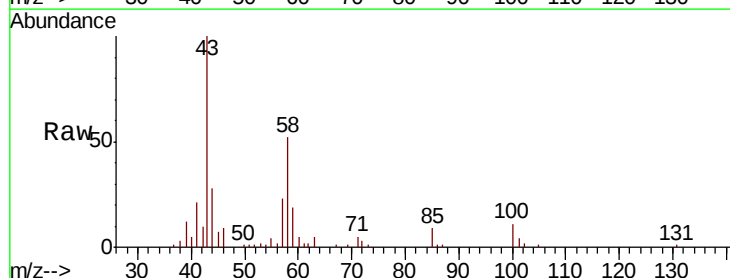
Ion Ratio Lower Upper

43 100

58 48.4 46.4 69.6

57 24.2 16.4 24.6

100 10.5 9.5 14.3

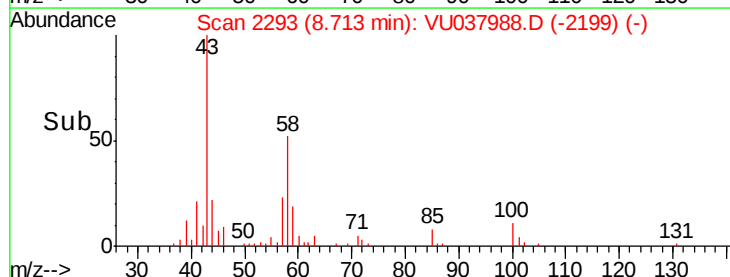
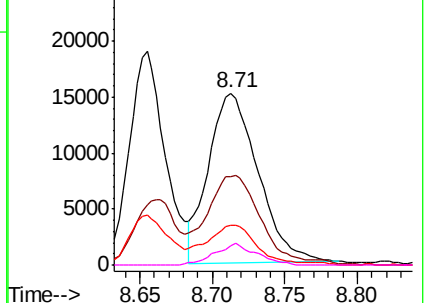


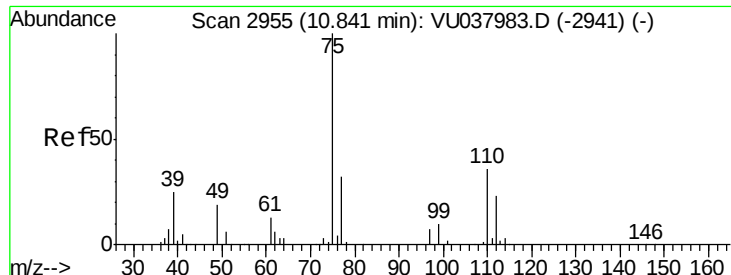
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.409 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037988.D

Acq: 01 May 2020 14:45

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 43088

Ion Ratio Lower Upper

75 100

77 36.7 25.4 38.2

