

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022420\
 Data File : VU036889.D
 Acq On : 24 Feb 2020 17:36
 Operator : JC/MD
 Sample : L1608-08 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 25 03:21:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 03:18:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	263674	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	245174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	93884	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104336	47.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.24%
7) Chloroethane-d5	1.93	69	89549	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.76%
11) 1,1-Dichloroethene-d2	2.59	63	133834	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.18%
21) 2-Butanone-d5	4.67	46	154616	104.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.10%
24) Chloroform-d	5.11	84	164752	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
26) 1,2-Dichloroethane-d4	5.74	65	114053	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
32) Benzene-d6	5.76	84	361167	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.88%
36) 1,2-Dichloropropane-d6	6.72	67	119341	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.92%
41) Toluene-d8	7.92	98	329798	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%
43) trans-1,3-Dichloropropene-	8.20	79	51661	48.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.80%
47) 2-Hexanone-d5	8.66	63	114991	102.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.38%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	159928	49.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.76%
64) 1,2-Dichlorobenzene-d4	12.21	152	95520	52.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.10%

Target Compounds

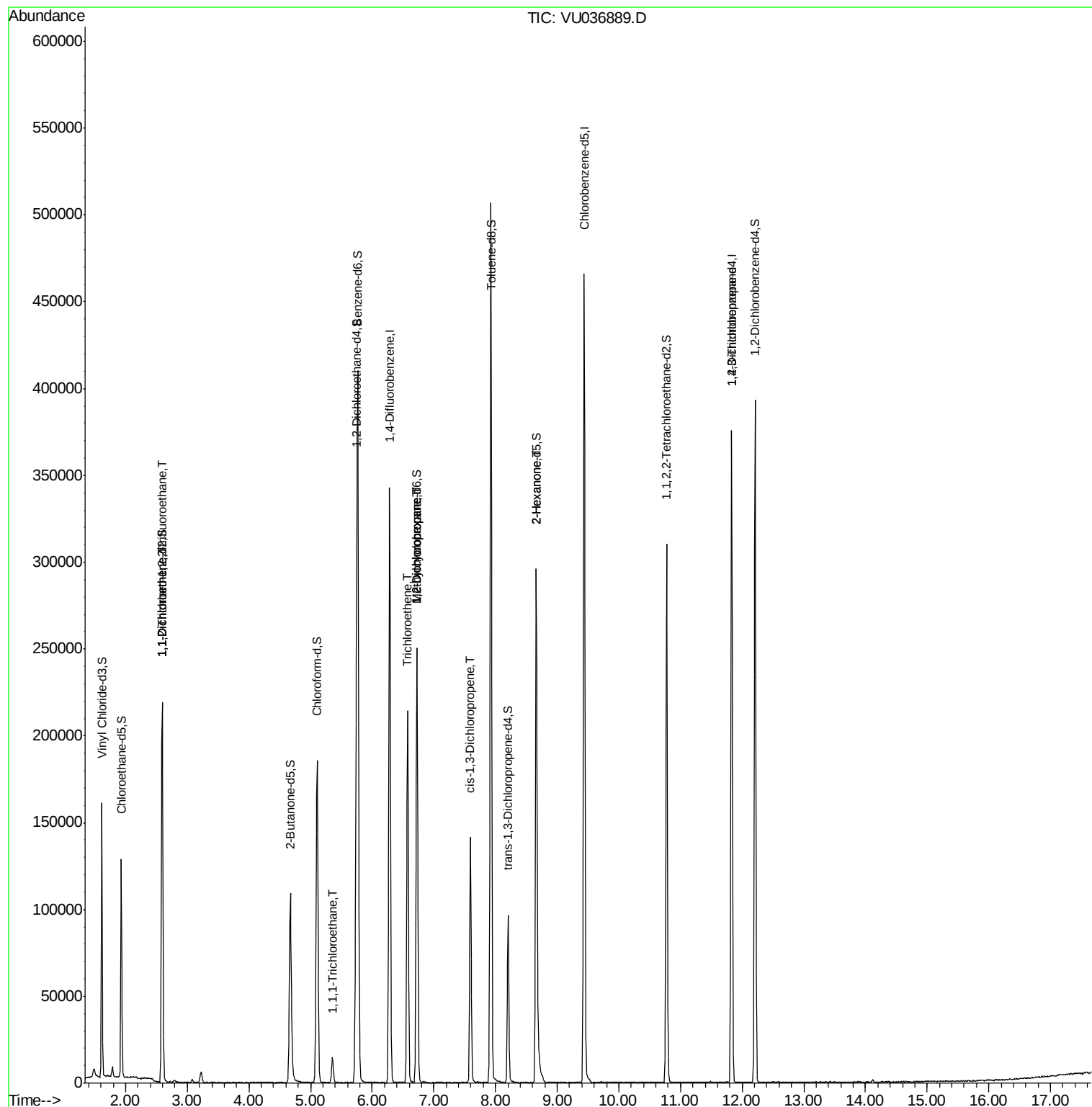
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	1413	0.839 ug/L #	23
12) 1,1-Dichloroethene	2.59	96	1380	0.810 ug/L #	1
30) 1,1,1-Trichloroethane	5.36	97	9948	3.784 ug/L	99
34) Trichloroethene	6.57	95	72319	37.989 ug/L	99
35) Methylcyclohexane	6.72	83	26187	7.934 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12595	6.039 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3163	0.985 ug/L #	61
48) 2-Hexanone	8.66	43	12501	5.098 ug/L #	73
59) 1,2,3-Trichloropropane	11.83	75	13790	5.140 ug/L	96

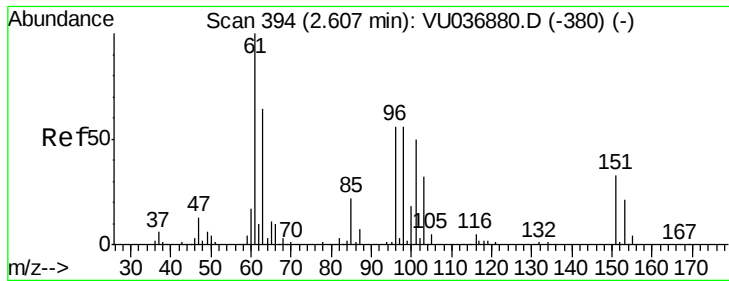
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 25 03:18:14 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.839 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036889.D

Acq: 24 Feb 2020 17:36

Instrument :

MSVOA_U

ClientSampleId :

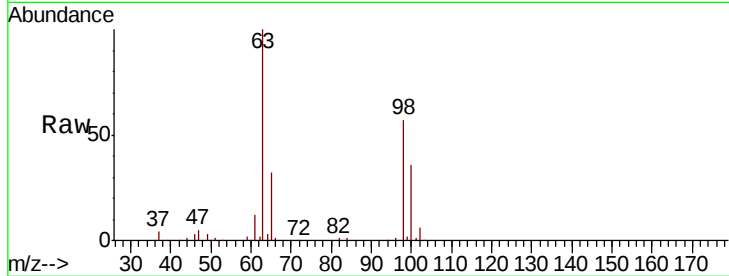
Tot Ion:101 Resp: 1413

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

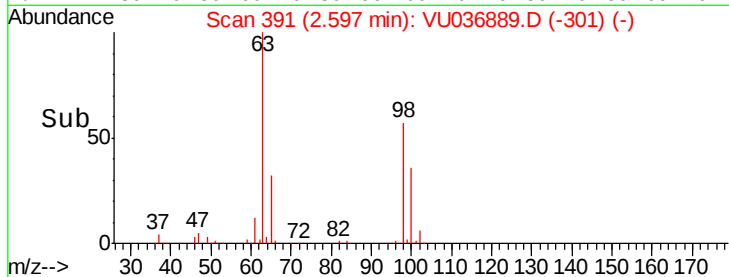
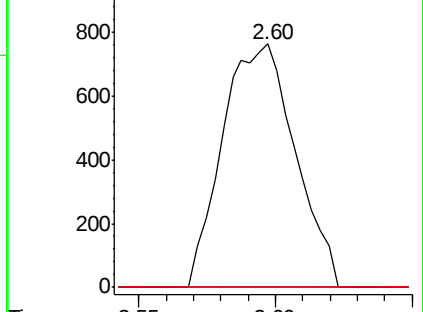
151 0.0 52.4 78.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.810 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036889.D

Acq: 24 Feb 2020 17:36

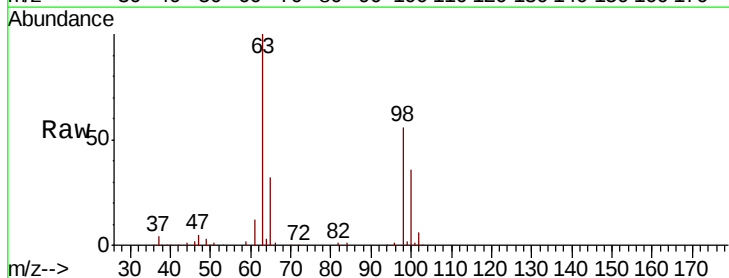
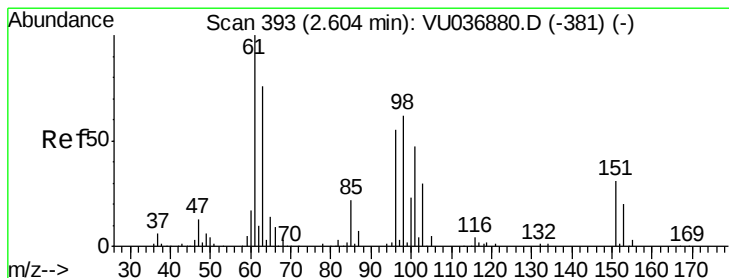
Tgt Ion: 96 Resp: 1380

Ion Ratio Lower Upper

96 100

61 1419.4 127.5 236.7#

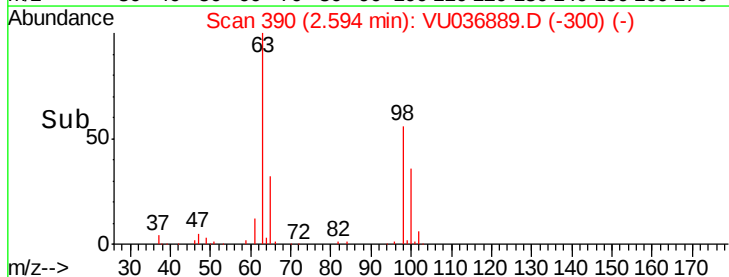
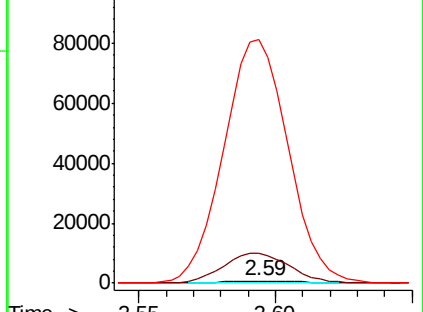
63 11656.8 101.4 188.2#

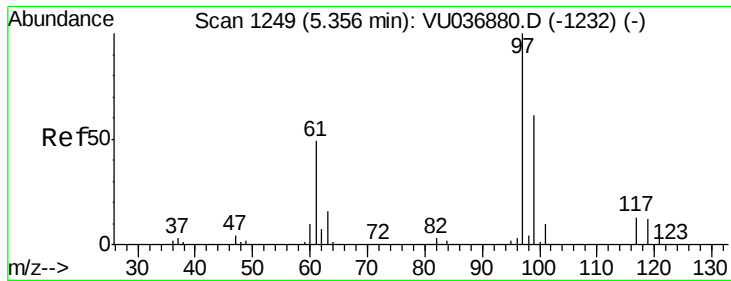


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

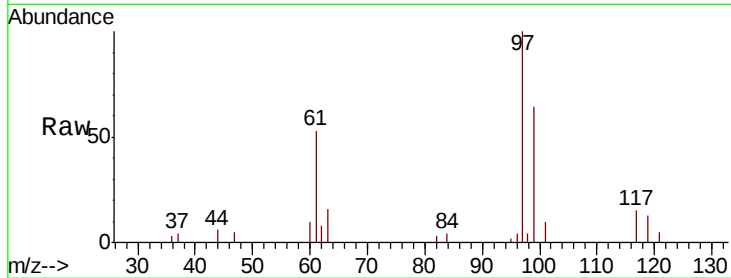




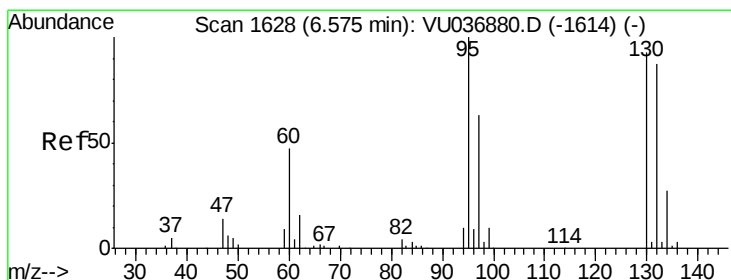
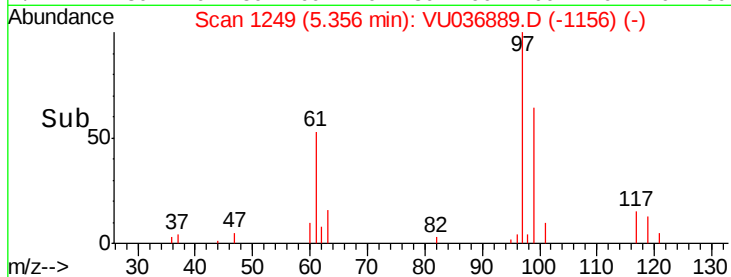
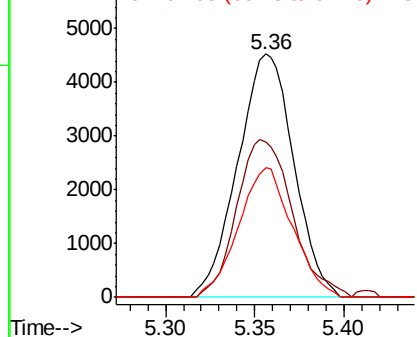
#30
 1,1,1-Trichloroethane
 Concen: 3.784 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: VU036889.D
 Acq: 24 Feb 2020 17:36

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 97 Resp: 9948
 Ion Ratio Lower Upper
 97 100
 99 64.4 50.4 75.6
 61 51.1 40.3 60.5

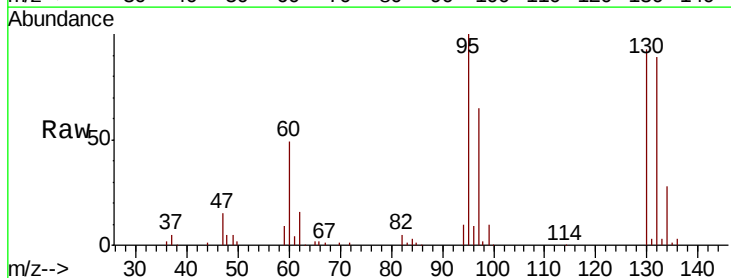


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

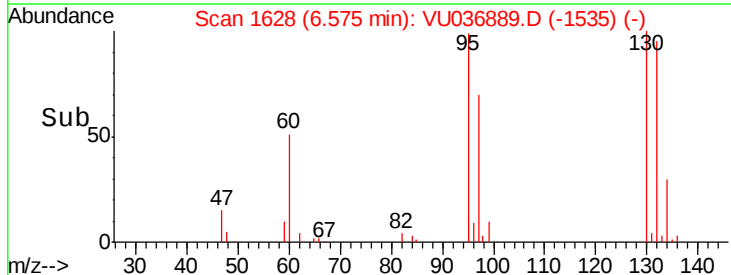
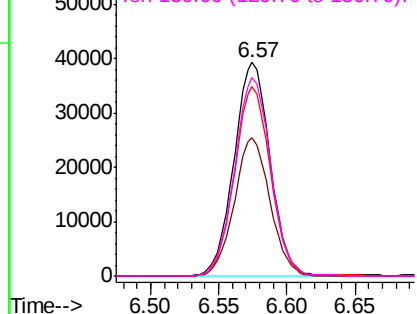


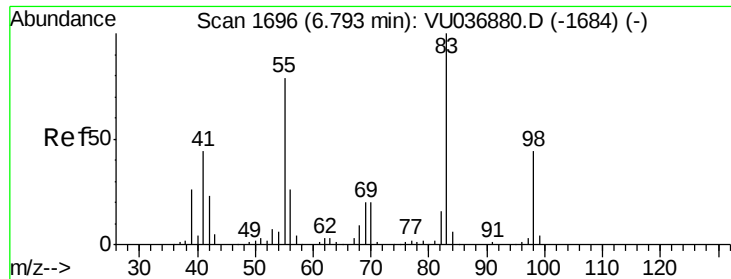
#34
 Trichloroethene
 Concen: 37.989 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU036889.D
 Acq: 24 Feb 2020 17:36

Tgt Ion: 95 Resp: 72319
 Ion Ratio Lower Upper
 95 100
 97 64.8 44.1 81.9
 132 88.5 60.6 112.6
 130 92.9 64.9 120.5



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

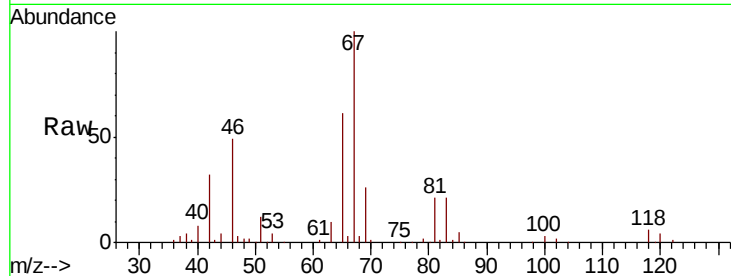




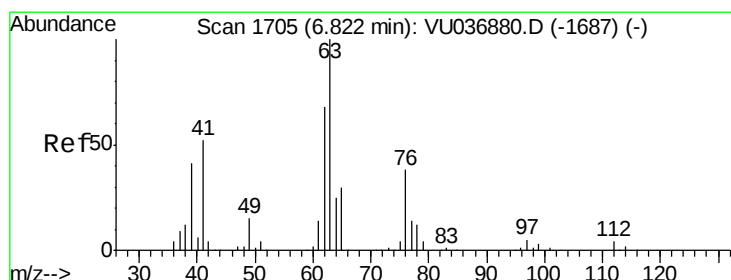
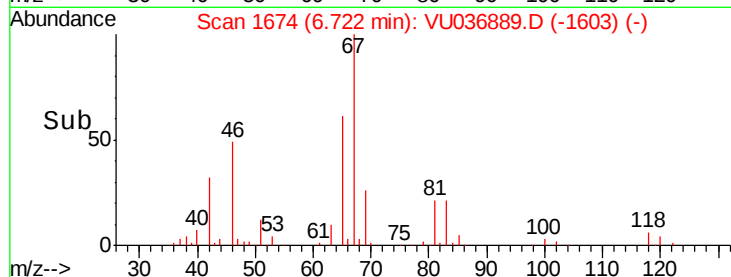
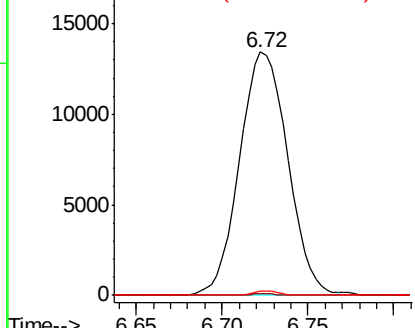
#35
Methvlcvclohexane
Concen: 7.934 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036889.D
Acq: 24 Feb 2020 17:36

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 26187
Ion Ratio Lower Upper
83 100
55 0.3 62.6 93.8#
98 0.9 35.1 52.7#

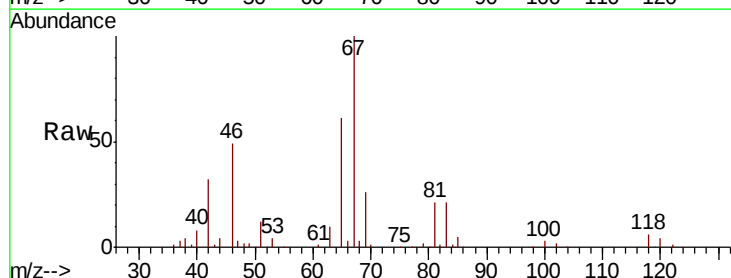


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

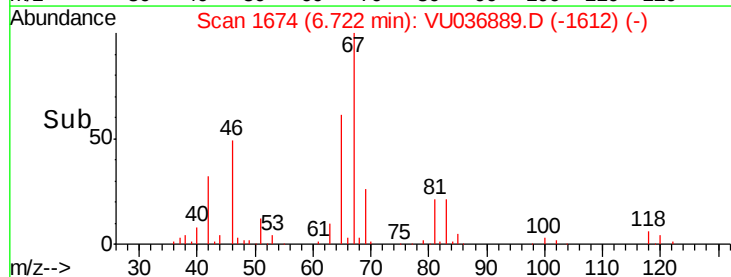
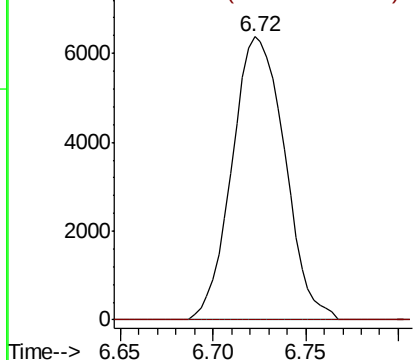


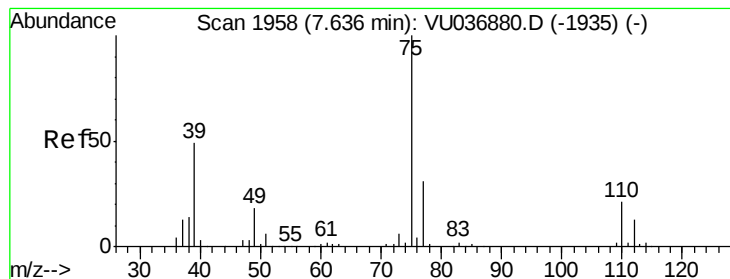
#37
1,2-Dichloropropane
Concen: 6.039 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036889.D
Acq: 24 Feb 2020 17:36

Tgt Ion: 63 Resp: 12595
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



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



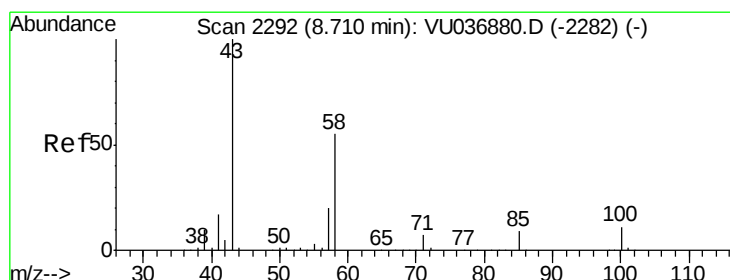
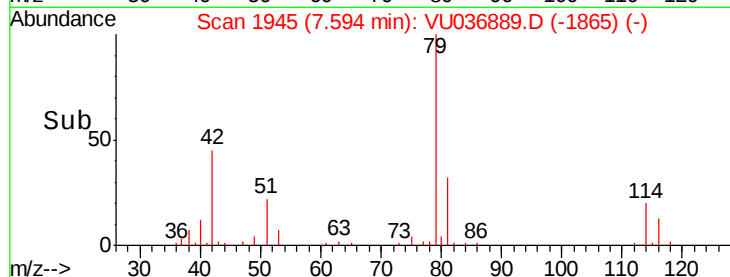
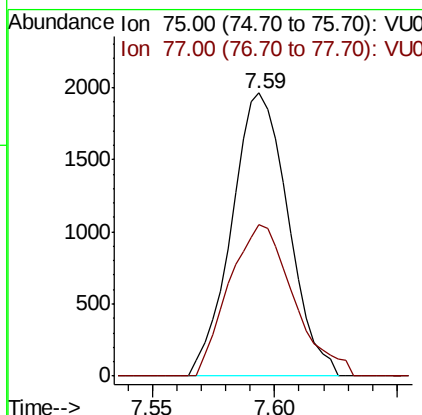
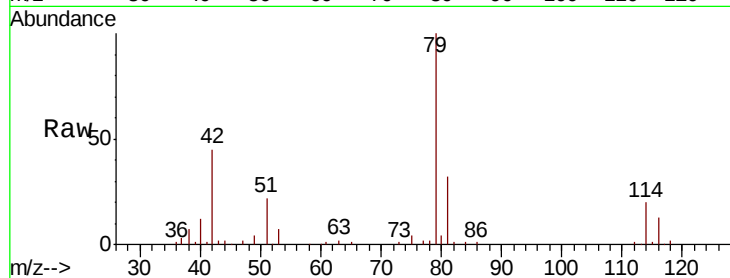


#39

cis-1,3-Dichloropropene
 Concen: 0.985 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036889.D
 Acq: 24 Feb 2020 17:36

Instrument :
 MSVOA_U
 ClientSampled :

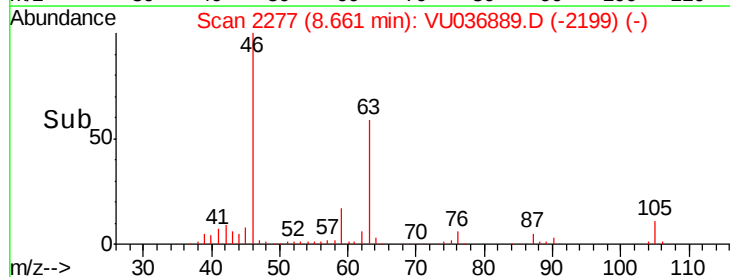
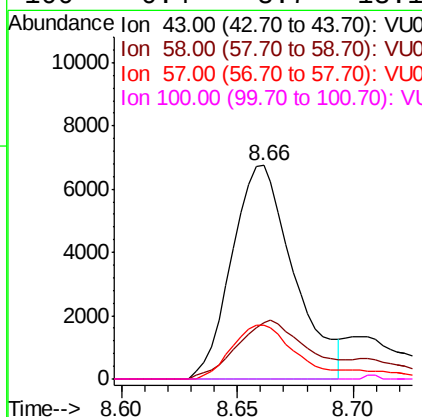
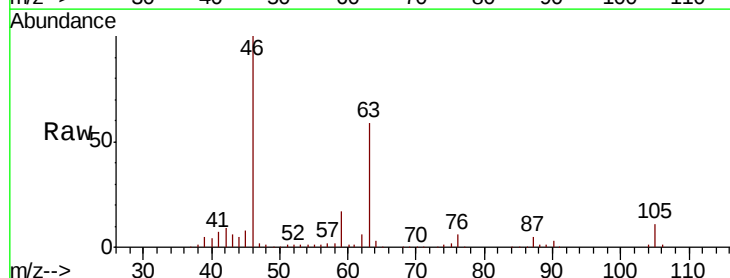
Tot Ion: 75 Resp: 3163
 Ion Ratio Lower Upper
 75 100
 77 53.4 22.0 41.0#

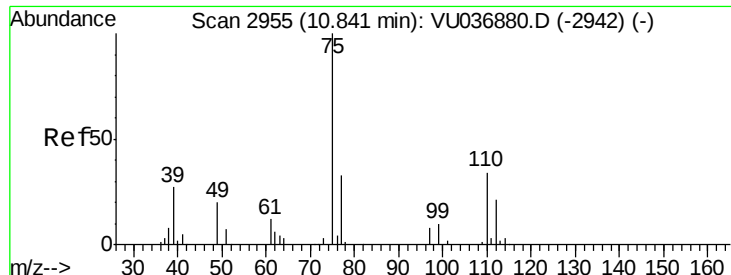


#48

2-Hexanone
 Concen: 5.098 ug/L
 RT: 8.66 min Scan# 2277
 Delta R.T. -0.05 min
 Lab File: VU036889.D
 Acq: 24 Feb 2020 17:36

Tgt Ion: 43 Resp: 12501
 Ion Ratio Lower Upper
 43 100
 58 31.6 43.5 65.3#
 57 25.5 15.1 22.7#
 100 0.4 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 5.140 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU036889.D

Acq: 24 Feb 2020 17:36

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 13790

Ion Ratio Lower Upper

75 100

77 35.1 26.2 39.2

