

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022420\
 Data File : VU036891.D
 Acq On : 24 Feb 2020 18:22
 Operator : JC/MD
 Sample : L1608-12 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 25 03:21:54 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	270441	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	249297	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	94284	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105731	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.12%
7) Chloroethane-d5	1.93	69	92394	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.34%
11) 1,1-Dichloroethene-d2	2.59	63	139242	36.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.22%
21) 2-Butanone-d5	4.67	46	164399	107.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.92%
24) Chloroform-d	5.11	84	168041	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
26) 1,2-Dichloroethane-d4	5.74	65	117513	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
32) Benzene-d6	5.76	84	371175	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.98%
36) 1,2-Dichloropropane-d6	6.72	67	120910	51.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.54%
41) Toluene-d8	7.92	98	333568	49.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.74%
43) trans-1,3-Dichloropropene-	8.20	79	53138	48.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.92%
47) 2-Hexanone-d5	8.66	63	119908	105.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	166967	50.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	99106	53.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.54%

Target Compounds

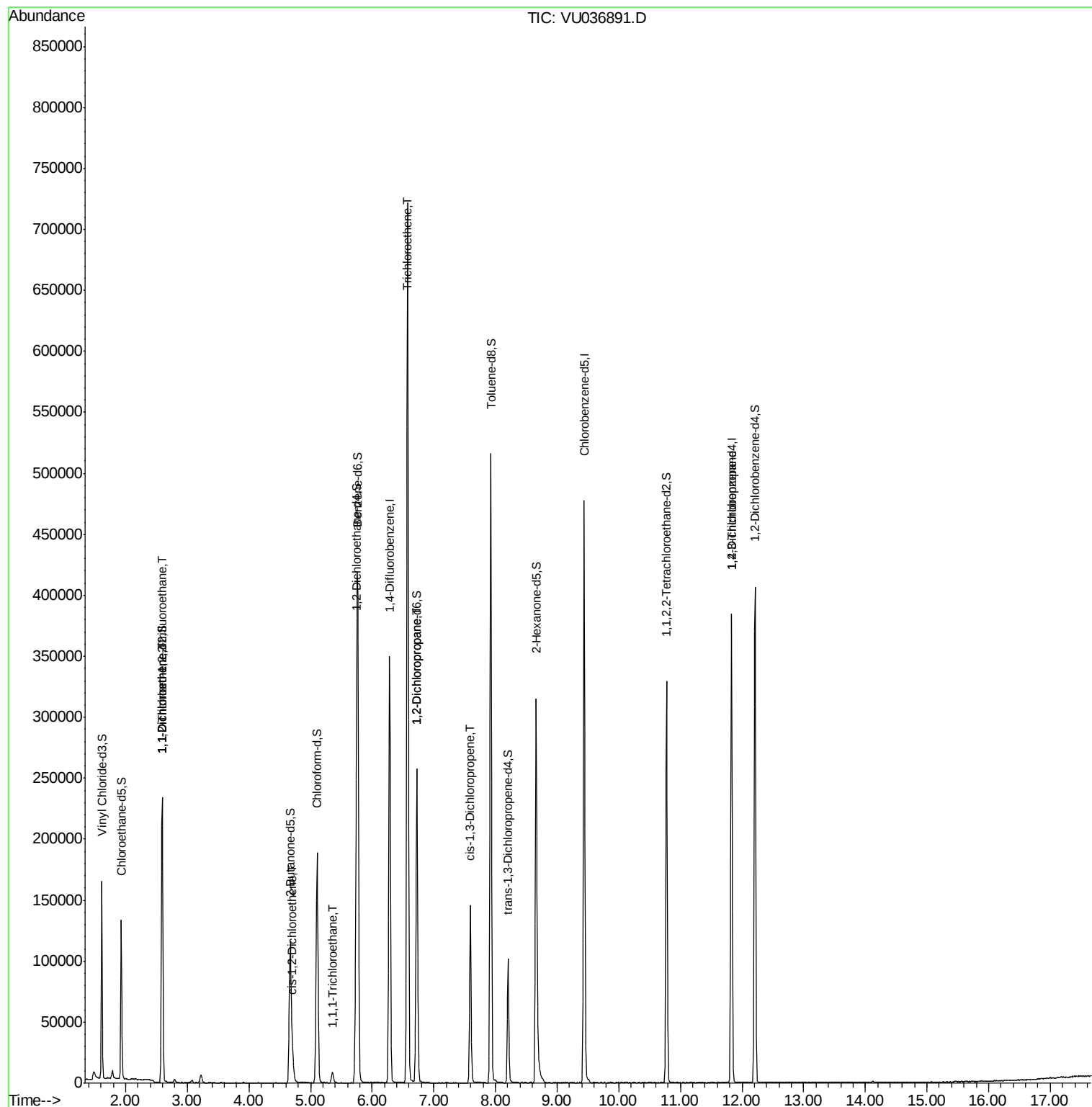
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1465	0.848 ug/L #	28
12) 1,1-Dichloroethene	2.60	96	2120	1.214 ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	9850	4.695 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	6591	2.466 ug/L	96
34) Trichloroethene	6.57	95	248058	128.148 ug/L	99
37) 1,2-Dichloropropane	6.73	63	13206	6.228 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3312	1.014 ug/L #	73
59) 1,2,3-Trichloropropane	11.83	75	14141	5.184 ug/L	89

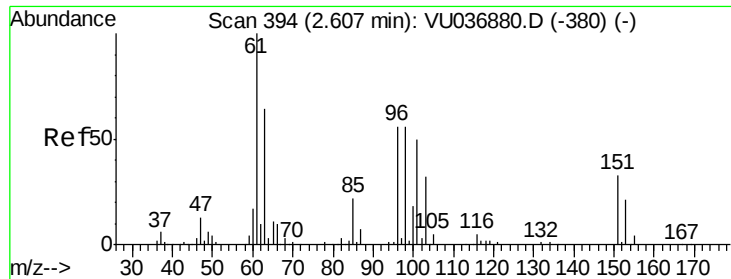
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU022420\
Data File : VU036891.D
Acq On : 24 Feb 2020 18:22
Operator : JC/MD
Sample : L1608-12 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 25 03:21:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 25 03:18:14 2020
Response via : Initial Calibration





#10

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

Concen: 0.848 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU036891.D

Acq: 24 Feb 2020 18:22

Instrument :

MSVOA_U

ClientSampleId :

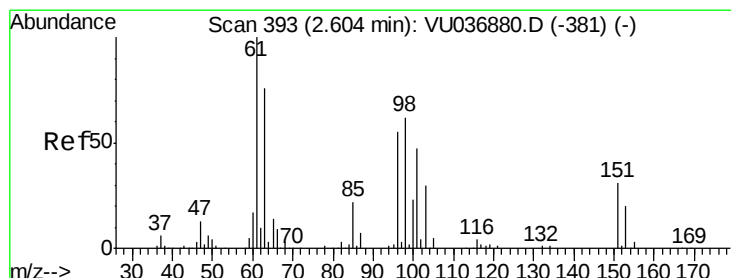
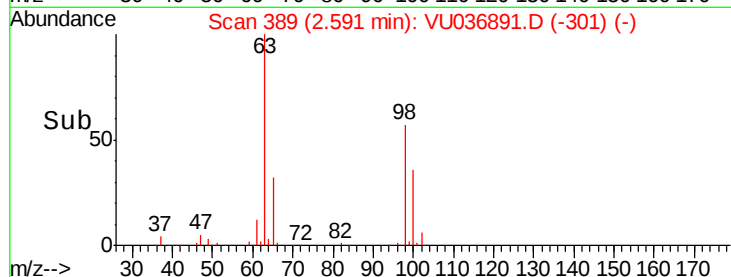
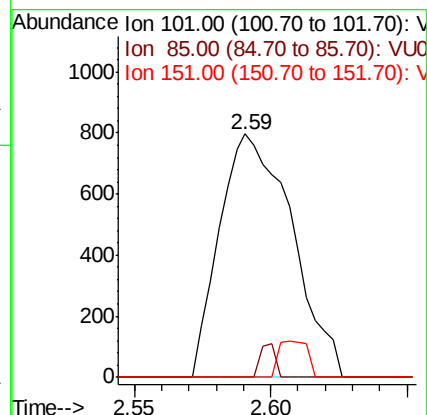
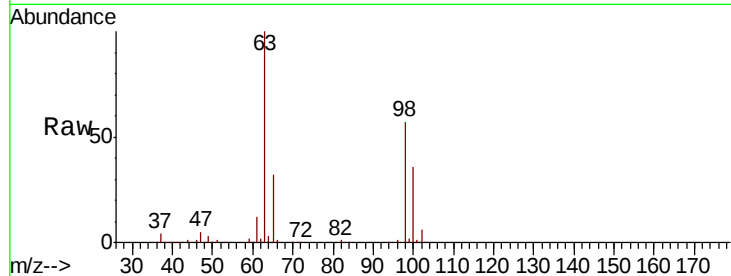
Tot Ion:101 Resp: 1465

Ion Ratio Lower Upper

101 100

85 2.8 36.4 54.6#

151 4.6 52.4 78.6#



#12

1,1-Dichloroethene

Concen: 1.214 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU036891.D

Acq: 24 Feb 2020 18:22

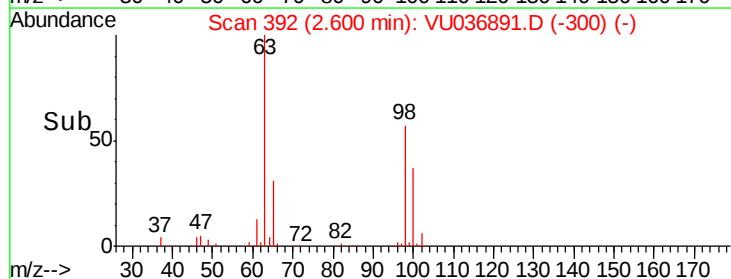
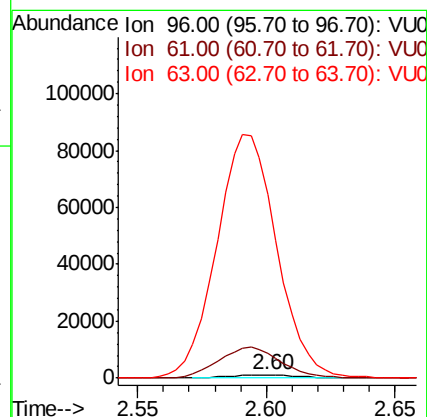
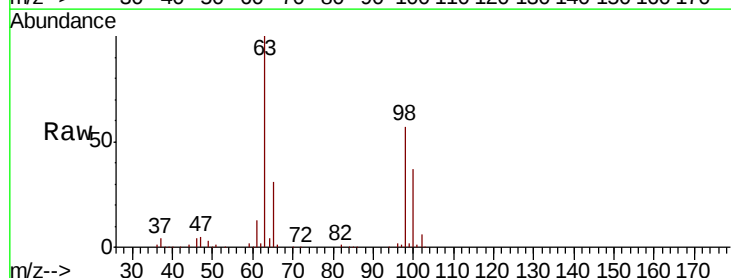
Tgt Ion: 96 Resp: 2120

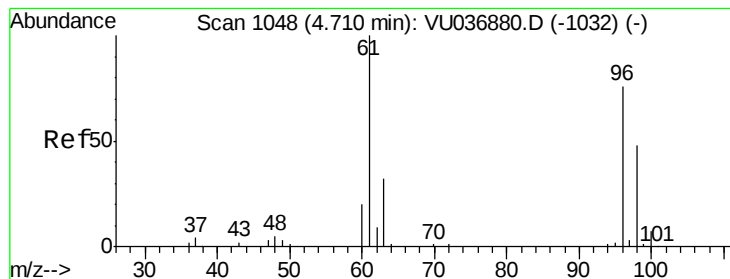
Ion Ratio Lower Upper

96 100

61 680.9 127.5 236.7#

63 5084.4 101.4 188.2#





#20

cis-1,2-Dichloroethene

Concen: 4.695 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU036891.D

Acq: 24 Feb 2020 18:22

Instrument :

MSVOA_U

ClientSampleId :

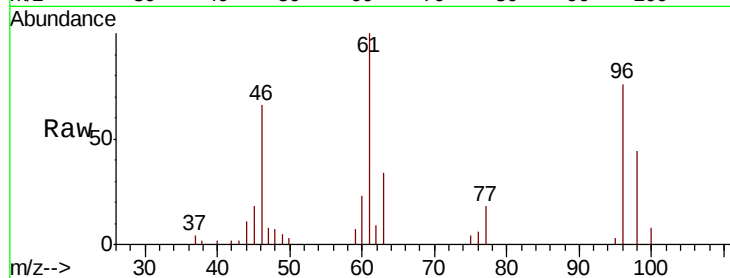
Tot Ion: 96 Resp: 9850

Ion Ratio Lower Upper

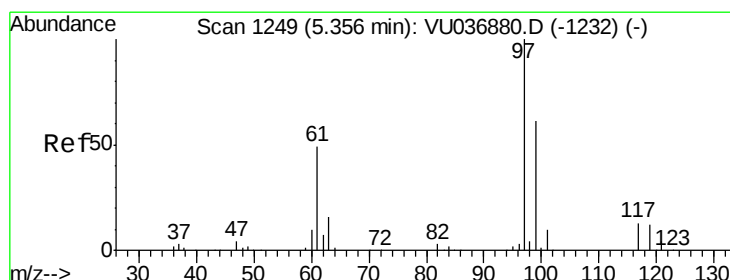
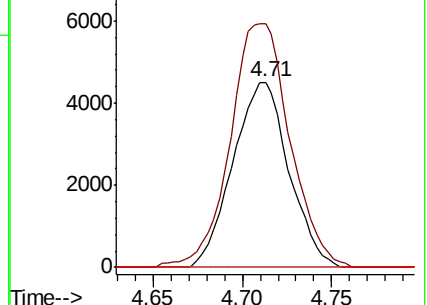
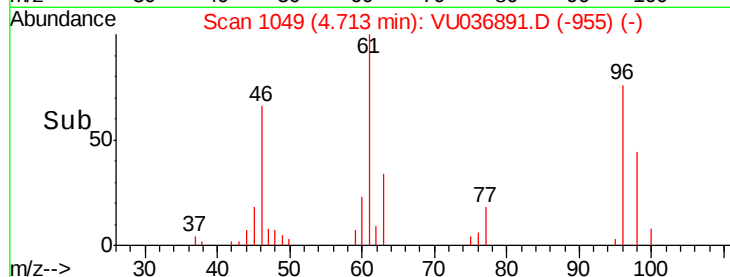
96 100

61 131.3 93.1 172.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036891.D (-955) (-)



#30

1,1,1-Trichloroethane

Concen: 2.466 ug/L

RT: 5.36 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VU036891.D

Acq: 24 Feb 2020 18:22

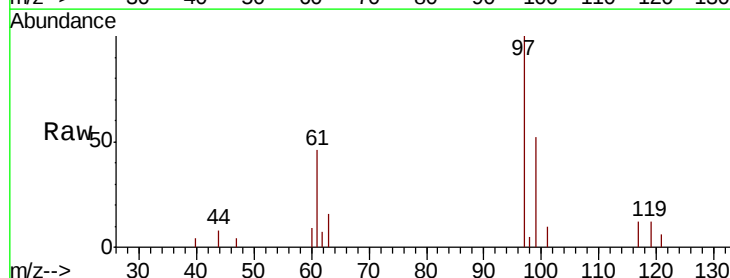
Tgt Ion: 97 Resp: 6591

Ion Ratio Lower Upper

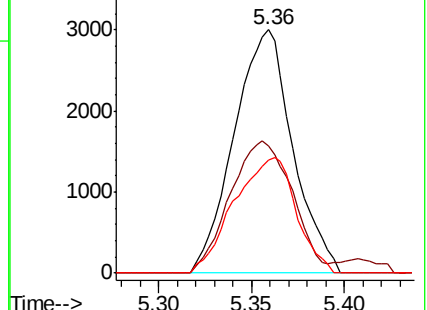
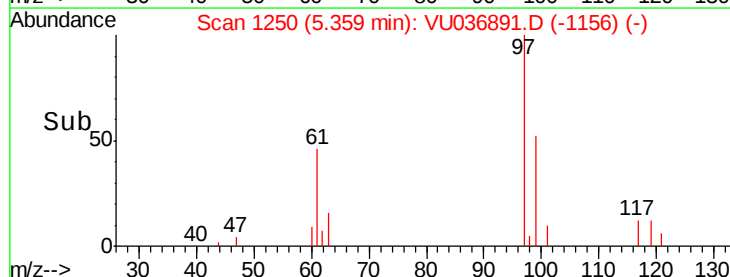
97 100

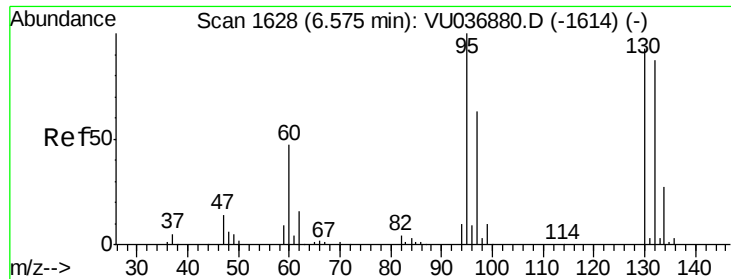
99 57.5 50.4 75.6

61 50.1 40.3 60.5



Abundance Ion 97.00 (96.70 to 97.70): VU036891.D (-1156) (-)

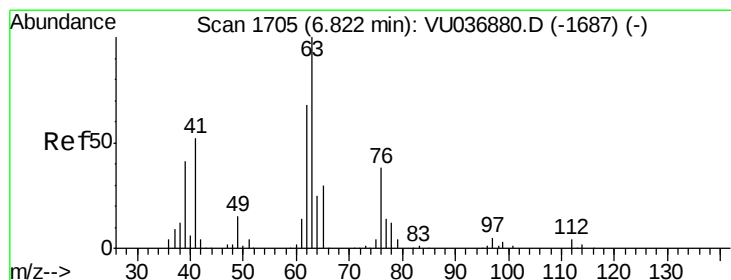
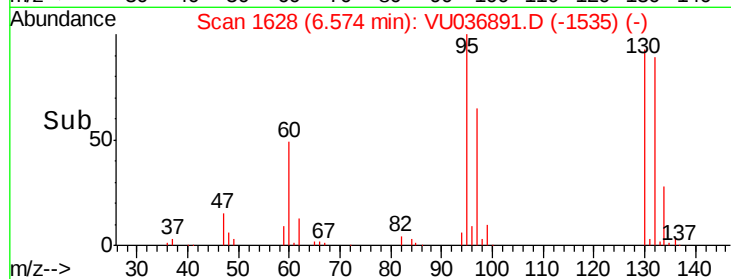
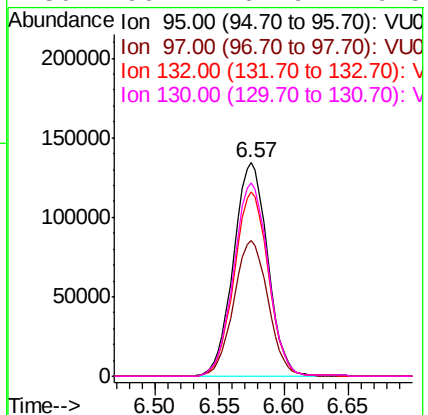
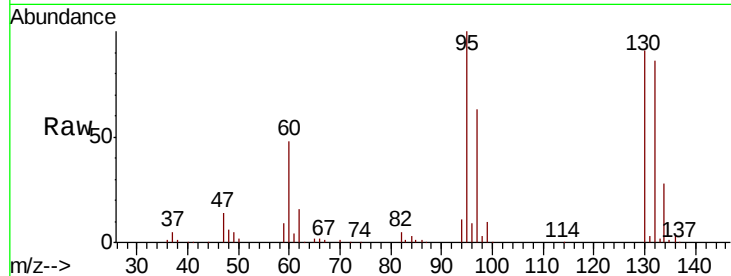




#34
 Trichloroethene
 Concen: 128.148 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU036891.D
 Acq: 24 Feb 2020 18:22

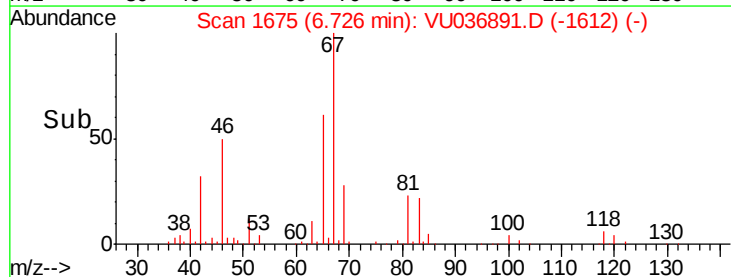
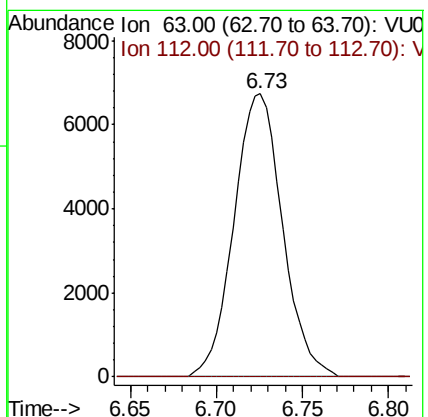
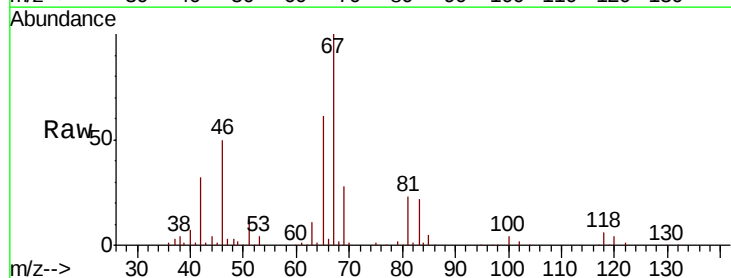
Instrument :
 MSVOA_U
 ClientSampleId :

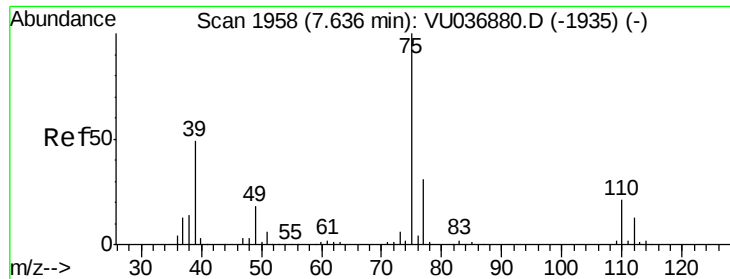
Tot Ion: 95 Resp: 248058
 Ion Ratio Lower Upper
 95 100
 97 63.5 44.1 81.9
 132 86.2 60.6 112.6
 130 90.7 64.9 120.5



#37
 1,2-Dichloropropane
 Concen: 6.228 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036891.D
 Acq: 24 Feb 2020 18:22

Tgt Ion: 63 Resp: 13206
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#

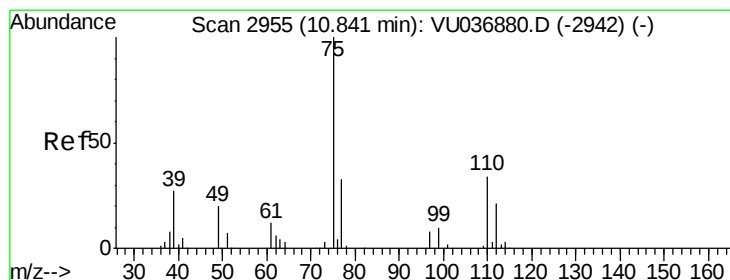
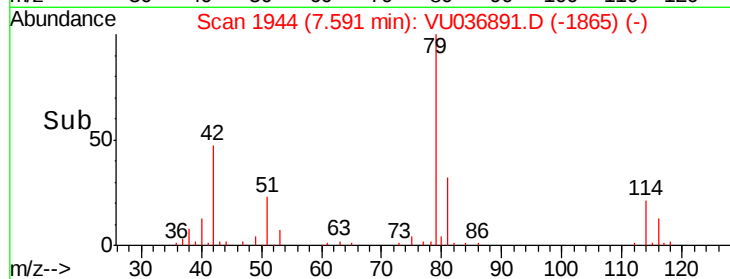
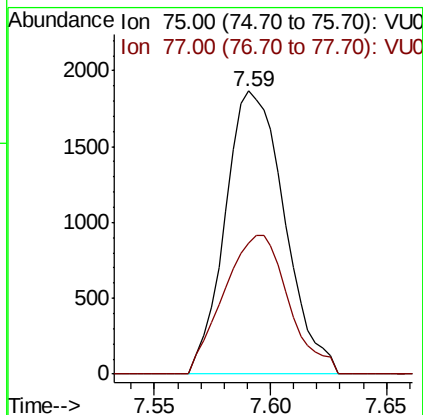
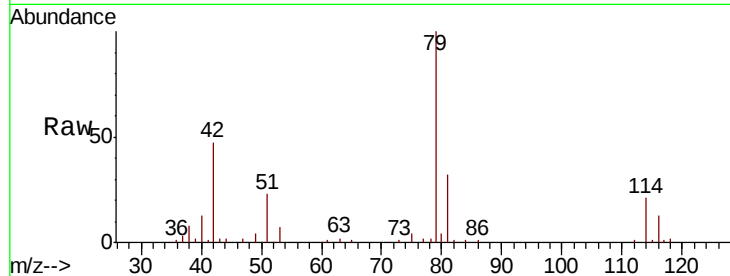




#39
 cis-1,3-Dichloropropene
 Concen: 1.014 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU036891.D
 Acq: 24 Feb 2020 18:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 3312
 Ion Ratio Lower Upper
 75 100
 77 46.5 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.184 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU036891.D
 Acq: 24 Feb 2020 18:22

Tgt Ion: 75 Resp: 14141
 Ion Ratio Lower Upper
 75 100
 77 38.8 26.2 39.2

