

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
 Data File : VU036997.D
 Acq On : 02 Mar 2020 14:32
 Operator : JC/MD
 Sample : L1732-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 03 03:24:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 03 03:21:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	264074	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	252436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	96762	50.00	ug/L	0.00

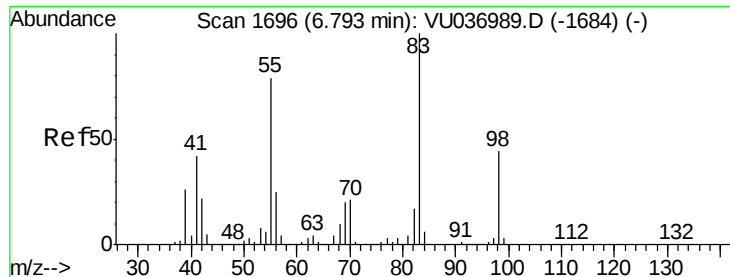
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87066	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.52%
7) Chloroethane-d5	1.93	69	84619	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.24%
11) 1,1-Dichloroethene-d2	2.59	63	118567	31.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.86%
21) 2-Butanone-d5	4.67	46	169236	113.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.77%
24) Chloroform-d	5.11	84	169501	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
26) 1,2-Dichloroethane-d4	5.74	65	117158	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.24%
32) Benzene-d6	5.76	84	365849	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
36) 1,2-Dichloropropane-d6	6.72	67	121261	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.54%
41) Toluene-d8	7.92	98	328490	48.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.20	79	51334	46.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.42%
47) 2-Hexanone-d5	8.66	63	122445	105.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	175130	52.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.04%
64) 1,2-Dichlorobenzene-d4	12.21	152	102841	54.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.74%

Target Compounds

					Ovalue
35) Methylcyclohexane	6.72	83	26691	7.854 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12881	5.999 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3560	1.076 ug/L #	66
48) 2-Hexanone	8.66	43	14853	5.883 ug/L #	70
59) 1,2,3-Trichloropropane	11.83	75	14560	5.271 ug/L	96
65) 1,2-Dichlorobenzene	12.23	146	3478	1.110 ug/L #	77
67) 1,3,5-Trichlorobenzene	13.87	180	1693	0.850 ug/L	93
68) 1,2,4-trichlorobenzene	13.87	180	1693	1.134 ug/L	92
70) 1,2,3-Trichlorobenzene	14.37	180	1375	0.922 ug/L #	90

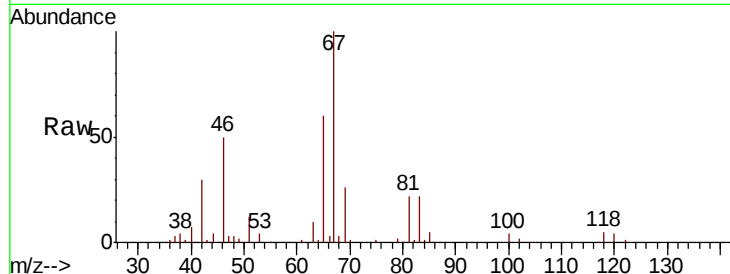
(#) = qualifier out of range (m) = manual integration (+) = signals summed



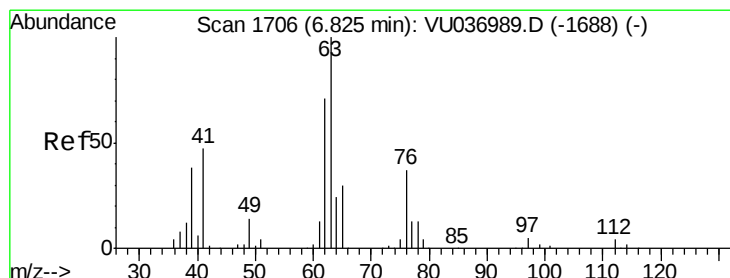
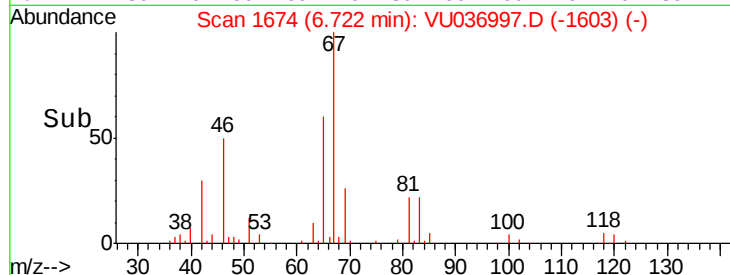
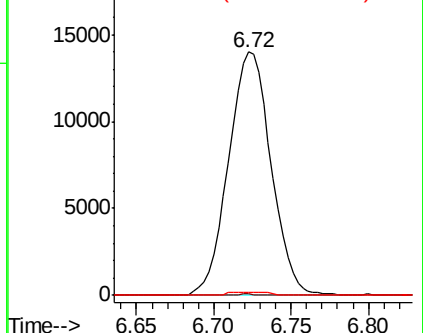
#35
Methvlcvclohexane
Concen: 7.854 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036997.D
Acq: 02 Mar 2020 14:32

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 26691
Ion Ratio Lower Upper
83 100
55 0.1 62.6 93.8#
98 0.6 35.1 52.7#

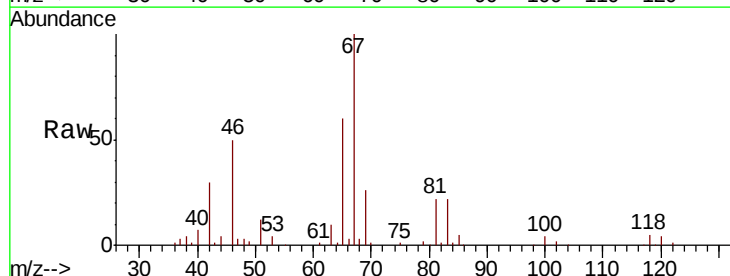


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

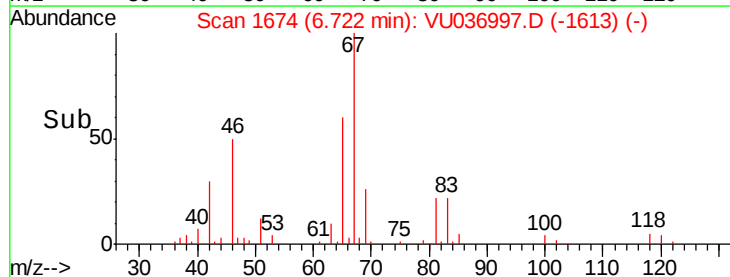
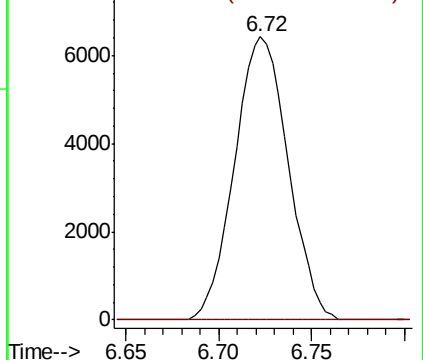


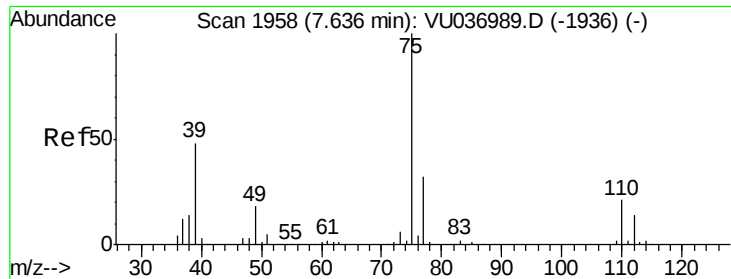
#37
1,2-Dichloropropane
Concen: 5.999 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036997.D
Acq: 02 Mar 2020 14:32

Tgt Ion: 63 Resp: 12881
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

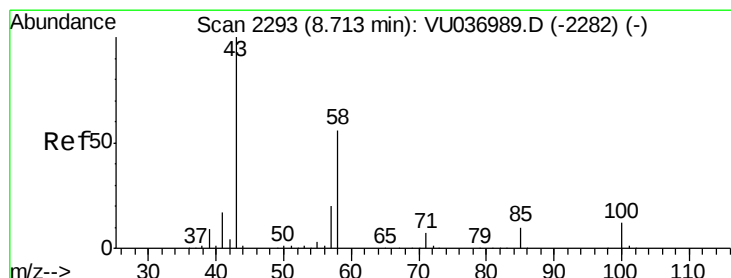
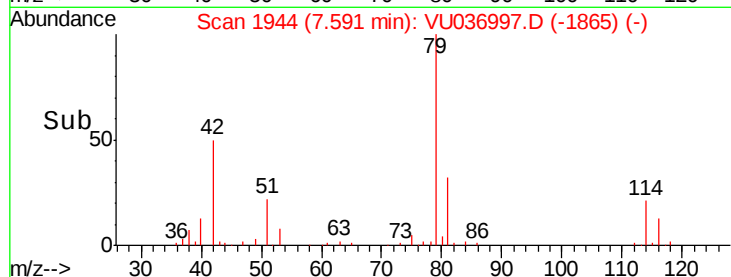
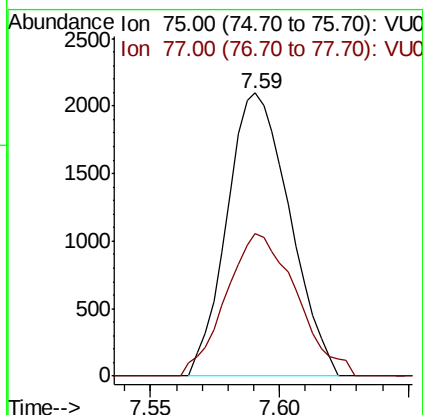
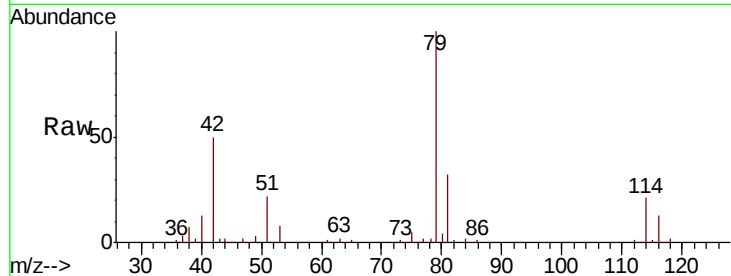




#39
 cis-1,3-Dichloropropene
 Concen: 1.076 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU036997.D
 Acq: 02 Mar 2020 14:32

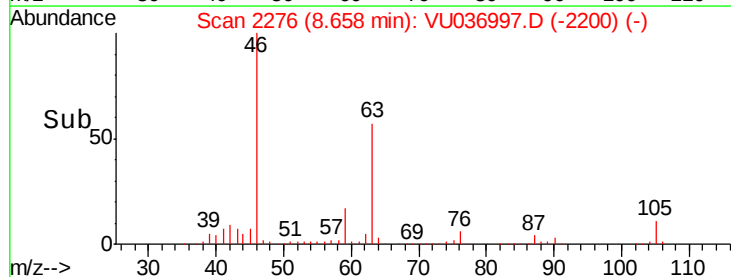
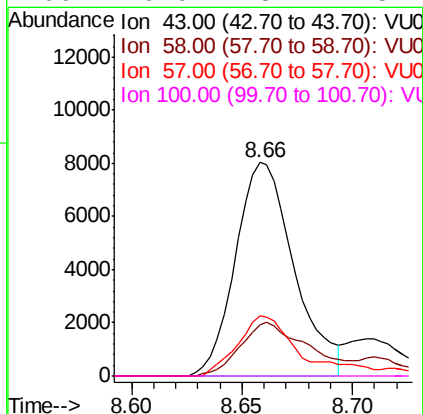
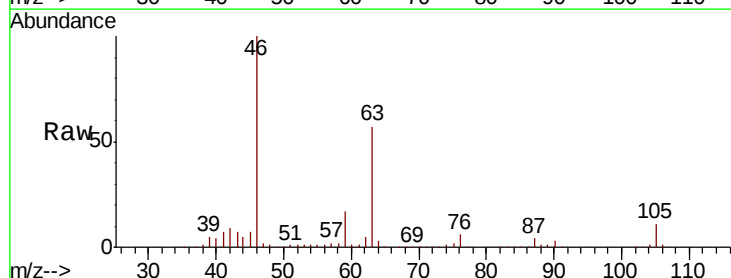
Instrument :
 MSVOA_U
 ClientSampled :

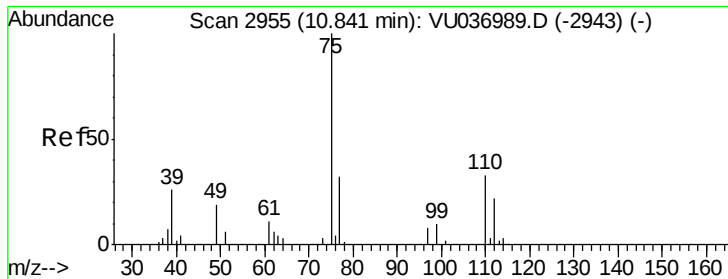
Tot Ion: 75 Resp: 3560
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.0 41.0#



#48
 2-Hexanone
 Concen: 5.883 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU036997.D
 Acq: 02 Mar 2020 14:32

Tgt Ion: 43 Resp: 14853
 Ion Ratio Lower Upper
 43 100
 58 28.7 43.5 65.3#
 57 25.2 15.1 22.7#
 100 0.0 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 5.271 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU036997.D

Acq: 02 Mar 2020 14:32

Instrument :

MSVOA_U

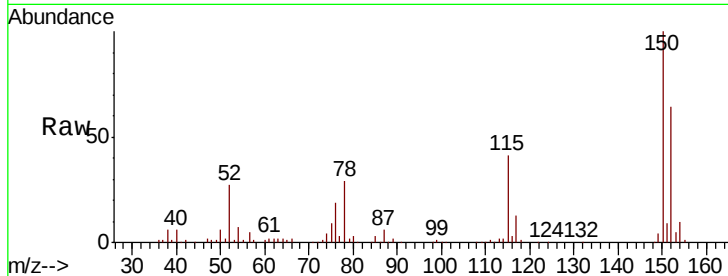
ClientSampled :

Tot Ion: 75 Resp: 14560

Ion Ratio Lower Upper

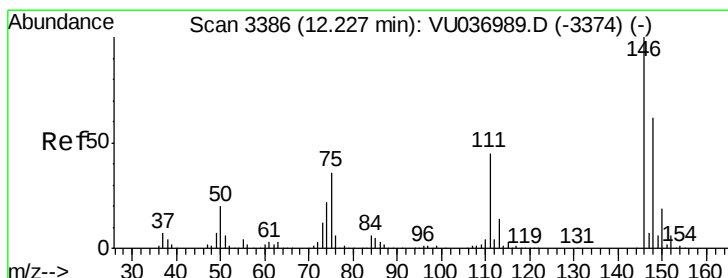
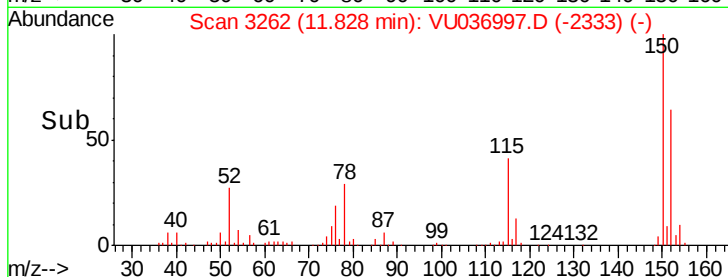
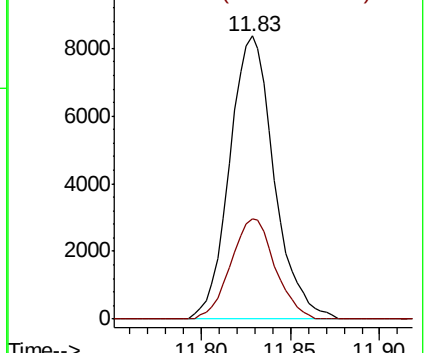
75 100

77 35.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU036997.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU036997.D (-2943) (-)



#65

1,2-Dichlorobenzene

Concen: 1.110 ug/L

RT: 12.23 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU036997.D

Acq: 02 Mar 2020 14:32

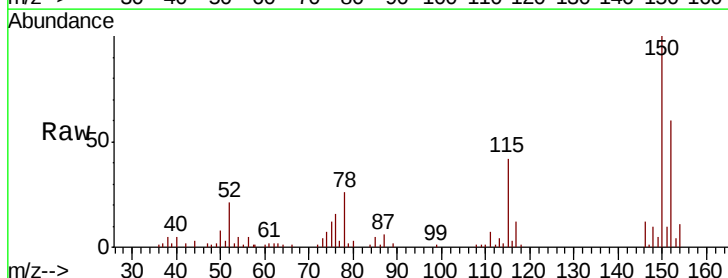
Tgt Ion: 146 Resp: 3478

Ion Ratio Lower Upper

146 100

111 53.8 35.4 53.0#

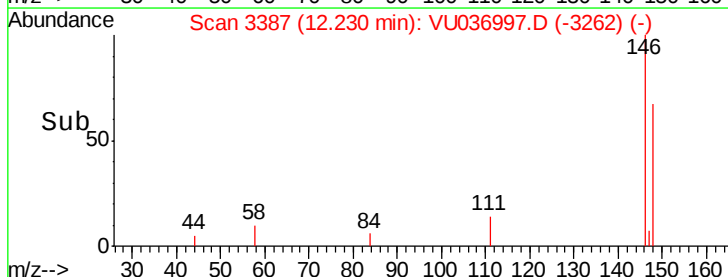
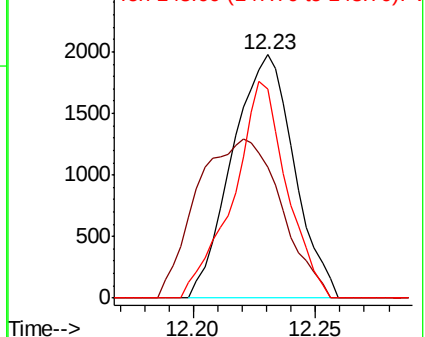
148 85.6 50.5 75.7#

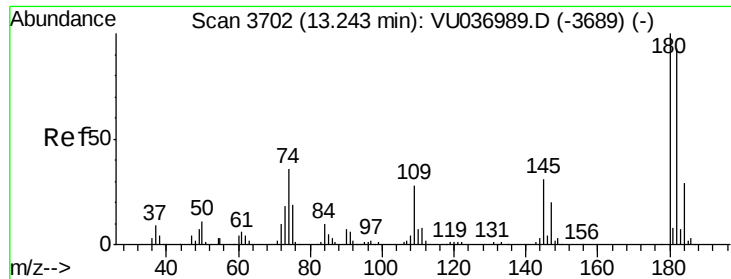


Abundance Ion 146.00 (145.70 to 146.70): VU036997.D (-3374) (-)

Ion 111.00 (110.70 to 111.70): VU036997.D (-3374) (-)

Ion 148.00 (147.70 to 148.70): VU036997.D (-3374) (-)

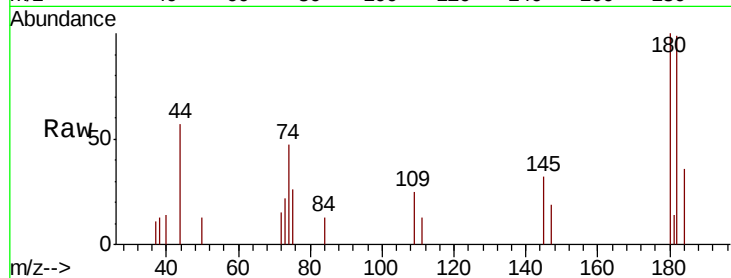




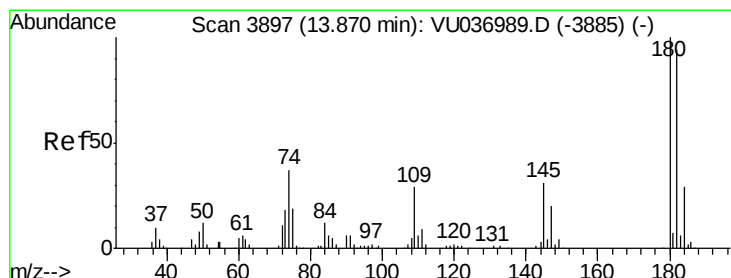
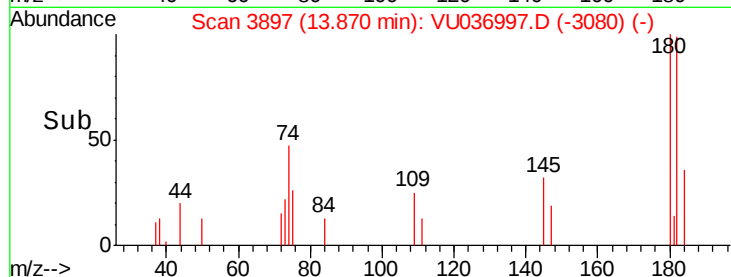
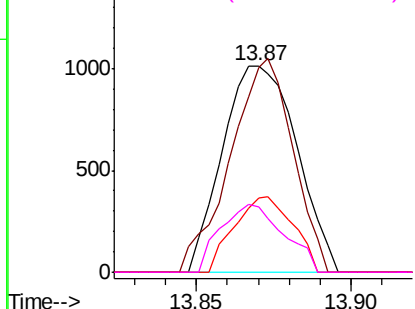
#67
 1,3,5-Trichlorobenzene
 Concen: 0.850 ug/L
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.63 min
 Lab File: VU036997.D
 Acq: 02 Mar 2020 14:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 1693
 Ion Ratio Lower Upper
 180 100
 182 87.0 76.9 115.3
 184 28.9 24.2 36.2
 145 28.0 25.3 37.9

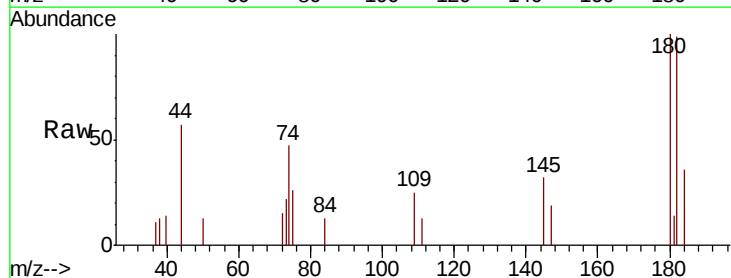


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

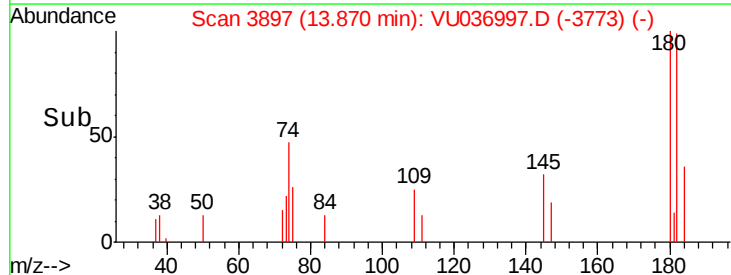
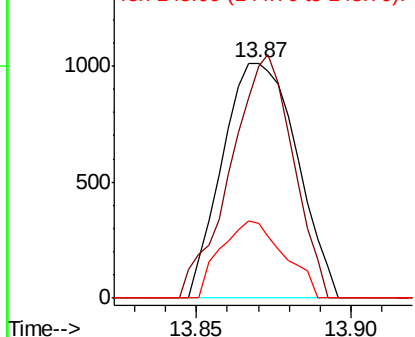


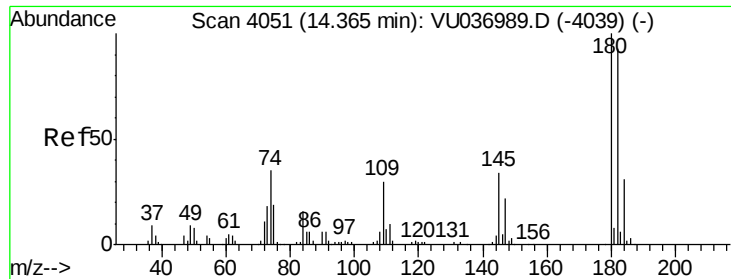
#68
 1,2,4-trichlorobenzene
 Concen: 1.134 ug/L
 RT: 13.87 min Scan# 3897
 Delta R.T. -0.00 min
 Lab File: VU036997.D
 Acq: 02 Mar 2020 14:32

Tgt Ion:180 Resp: 1693
 Ion Ratio Lower Upper
 180 100
 182 87.0 75.3 112.9
 145 28.0 26.2 39.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

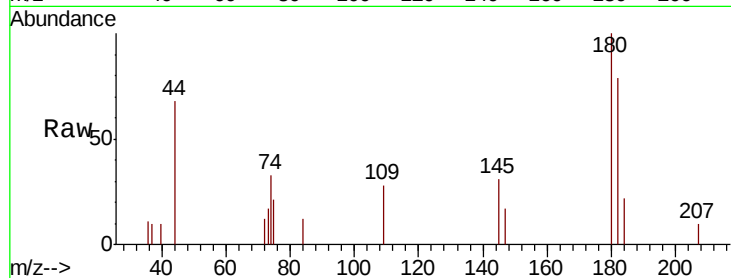




#70
 1,2,3-Trichlorobenzene
 Concen: 0.922 ug/L
 RT: 14.37 min Scan# 4051
 Delta R.T. -0.00 min
 Lab File: VU036997.D
 Acq: 02 Mar 2020 14:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	92.7	77.0	115.6	
145	19.8	28.1	42.1	



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

