

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101720\
 Data File : VU040769.D
 Acq On : 17 Oct 2020 17:42
 Operator : SY/MD
 Sample : VU1017WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 03:09:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 19 03:08:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121748	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127353	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52257	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	51974	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.92	69	43999	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.58	63	82068	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	4.66	46	166529	51.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.18%
24) Chloroform-d	5.08	84	93123	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.72	65	57323	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.74	84	180356	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.70	67	59038	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.90	98	145473	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	8.18	79	22631	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.64	63	117598	47.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49006	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	56287	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

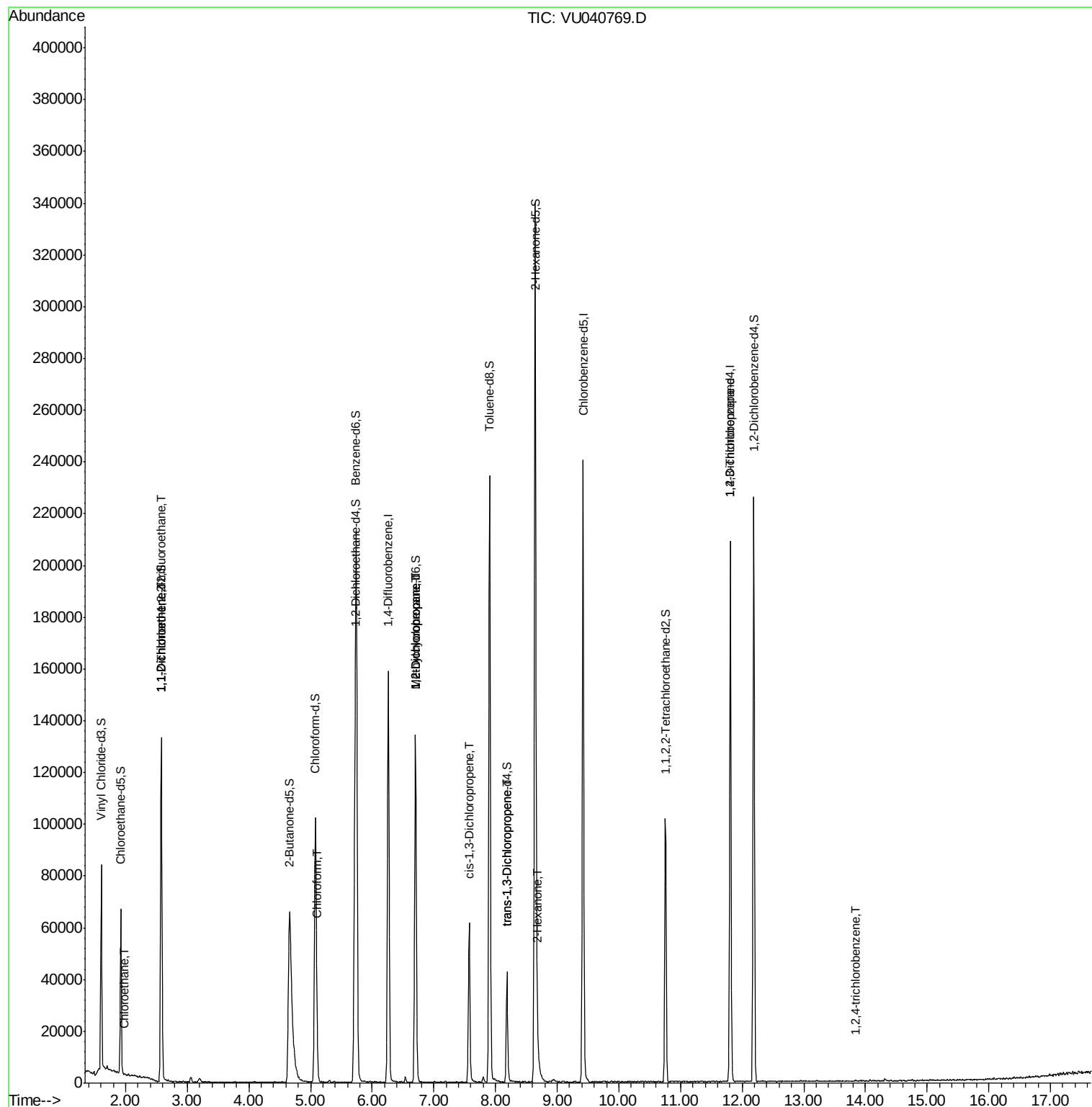
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.97	64	476	0.069	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	655	0.065	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	604	0.070	ug/L #	1
25) Chloroform	5.11	83	3988	0.208	ug/L	88
35) Methylcyclohexane	6.70	83	13945	0.927	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	7030	0.617	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1708	0.110	ug/L #	71
44) trans-1,3-Dichloropropene	8.18	75	1135	0.079	ug/L #	72
48) 2-Hexanone	8.68	43	3391	0.501	ug/L #	92
59) 1,2,3-Trichloropropane	11.81	75	7100	0.848	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	308	0.033	ug/L #	51

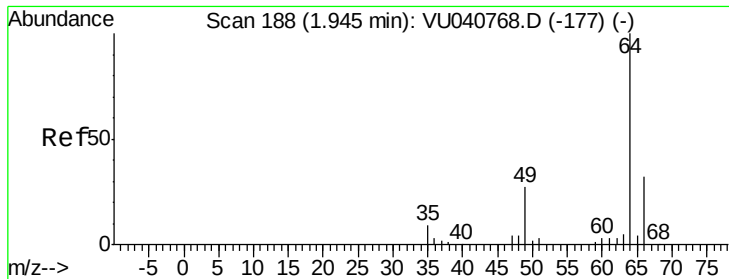
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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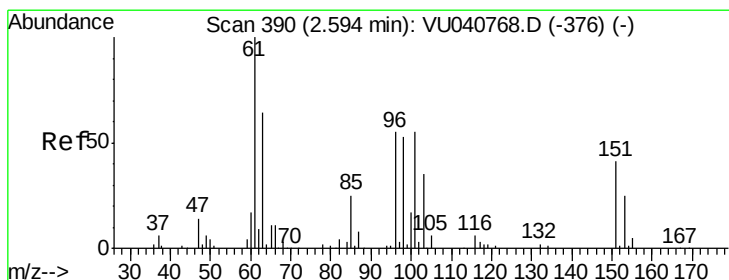
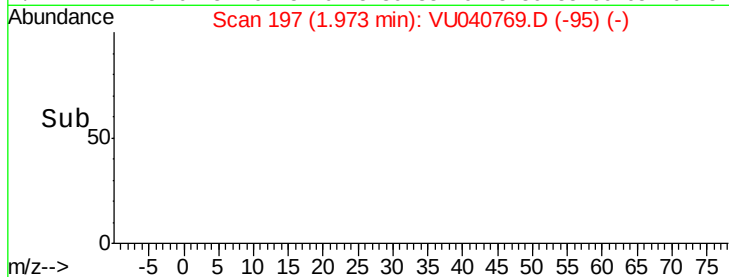
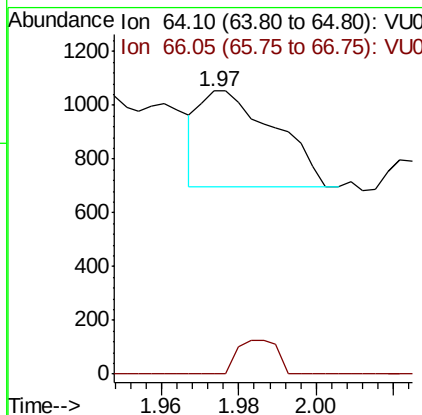
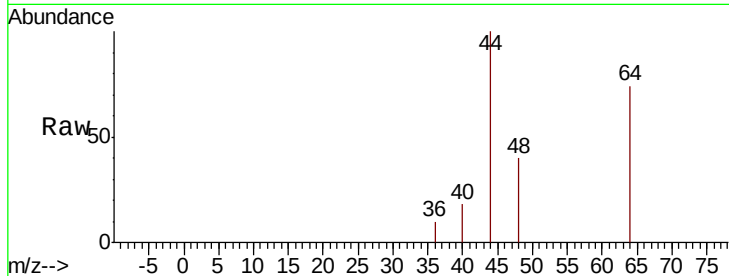




#8
 Chloroethane
 Concen: 0.069 ug/L
 RT: 1.97 min Scan# 197
 Delta R.T. 0.03 min
 Lab File: VU040769.D
 Acq: 17 Oct 2020 17:42

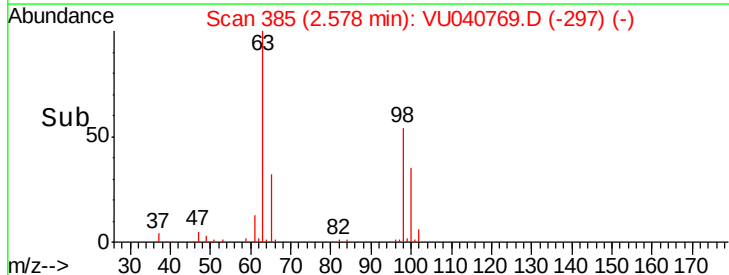
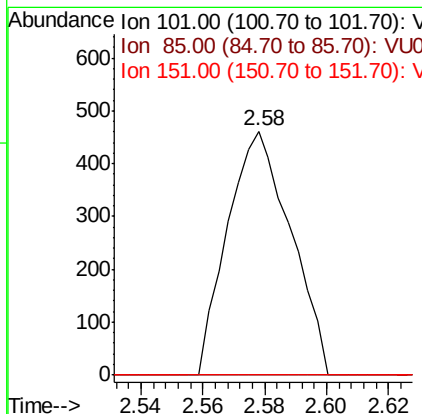
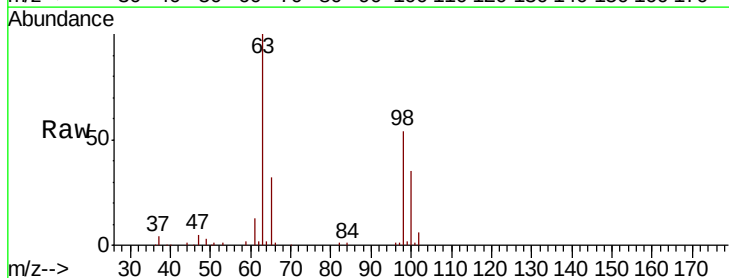
Instrument :
 MSVOA_U
 ClientSampleId :

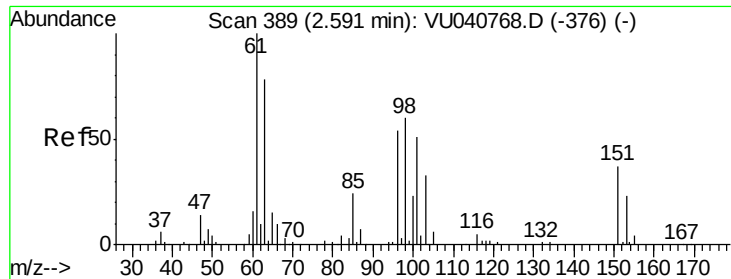
Tot Ion: 64 Resp: 476
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.3 43.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.065 ug/L
 RT: 2.58 min Scan# 385
 Delta R.T. -0.02 min
 Lab File: VU040769.D
 Acq: 17 Oct 2020 17:42

Tgt Ion: 101 Resp: 655
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.7 55.1#
 151 0.0 58.0 87.0#

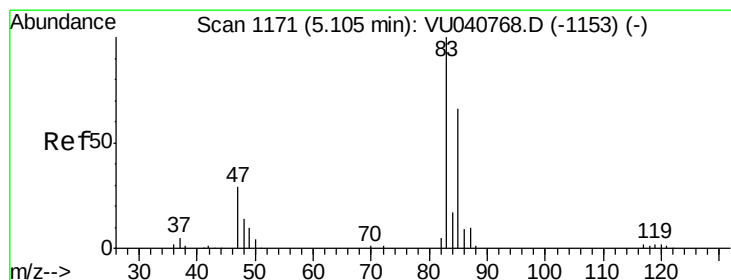
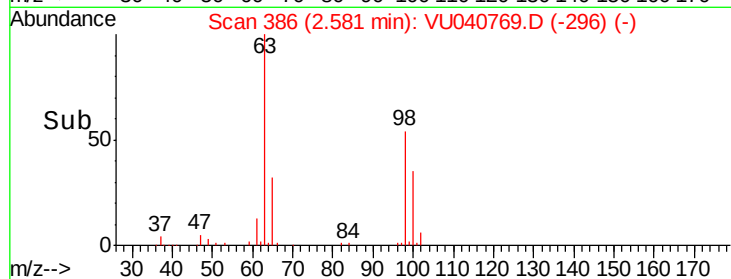
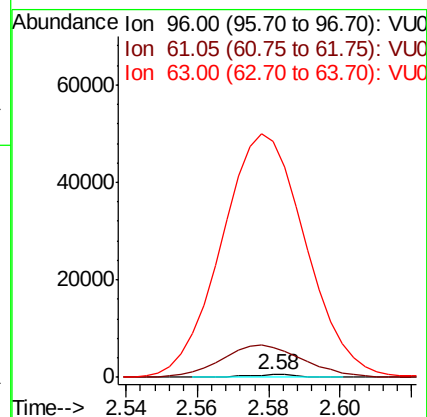
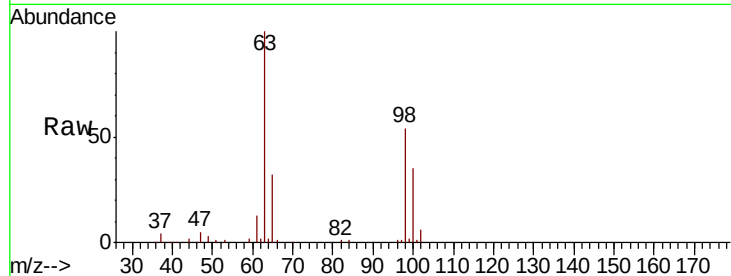




#12
 1,1-Dichloroethene
 Concen: 0.070 ug/L
 RT: 2.58 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU040769.D
 Acq: 17 Oct 2020 17:42

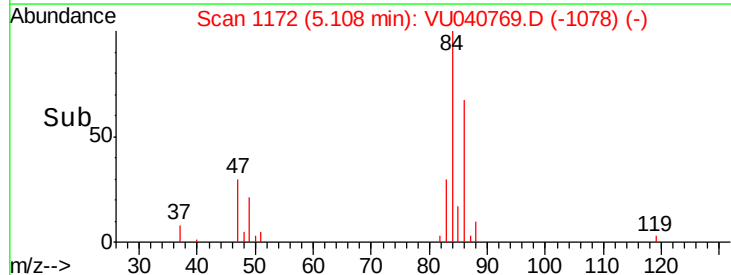
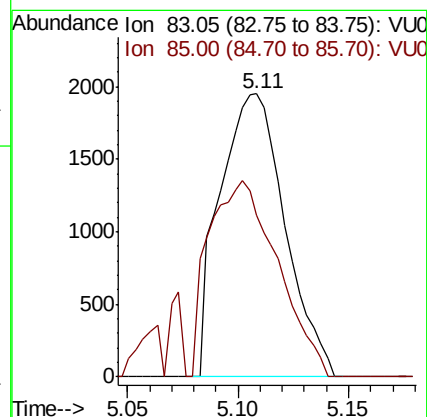
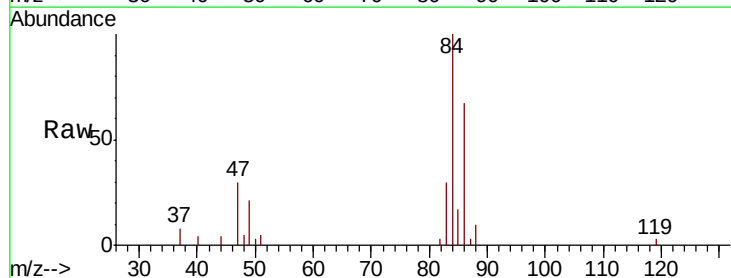
Instrument :
 MSVOA_U
 ClientSampleId :

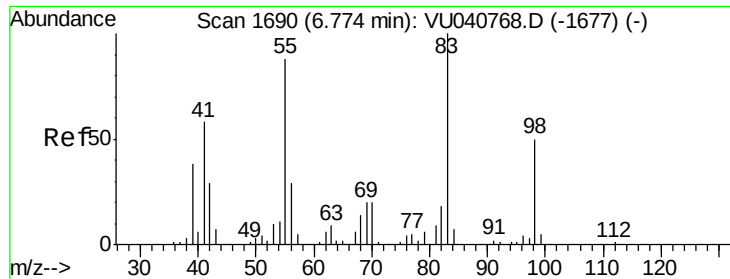
Tot Ion: 96 Resp: 604
 Ion Ratio Lower Upper
 96 100
 61 1059.7 128.8 239.2#
 63 8391.7 84.6 157.2#



#25
 Chloroform
 Concen: 0.208 ug/L
 RT: 5.11 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU040769.D
 Acq: 17 Oct 2020 17:42

Tgt Ion: 83 Resp: 3988
 Ion Ratio Lower Upper
 83 100
 85 57.0 46.5 86.5

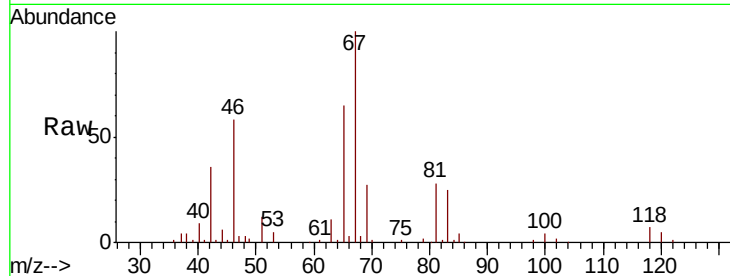




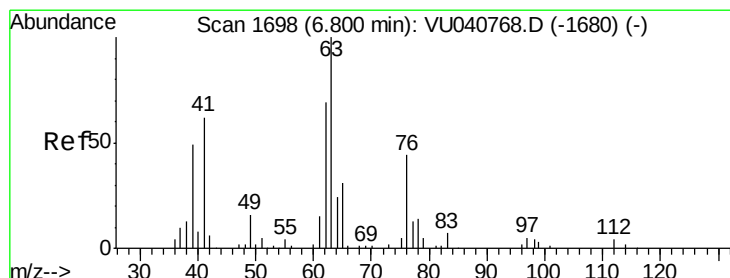
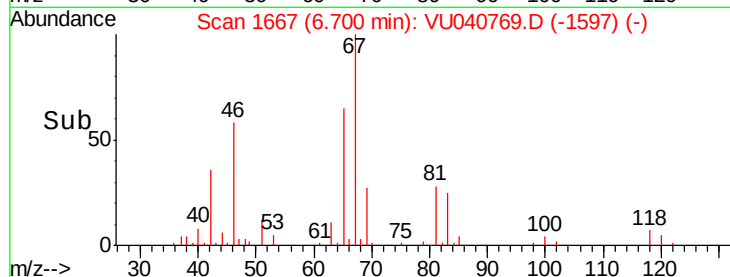
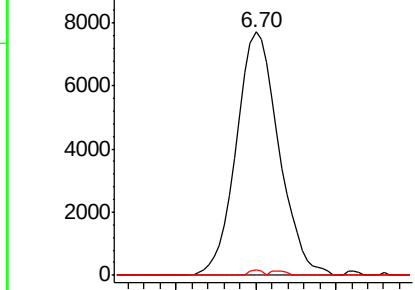
#35
Methylcyclohexane
Concen: 0.927 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040769.D
Acq: 17 Oct 2020 17:42

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 13945
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.6 38.4 57.6#

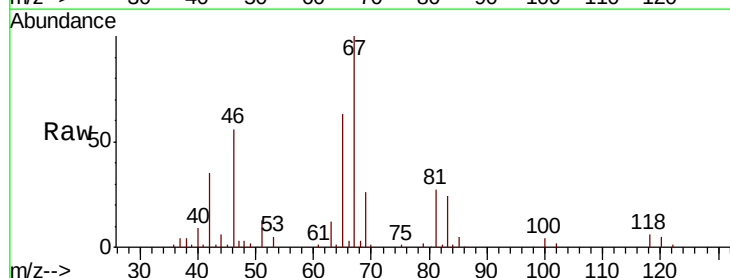


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

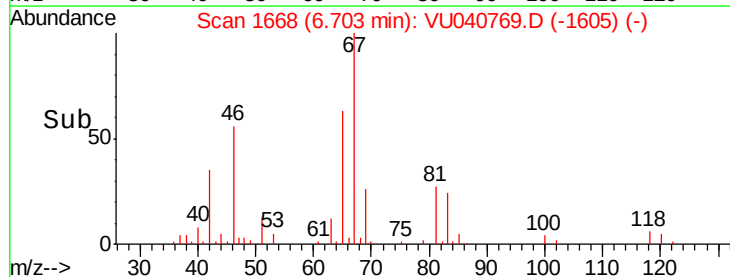
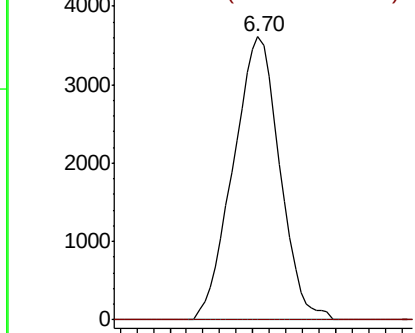


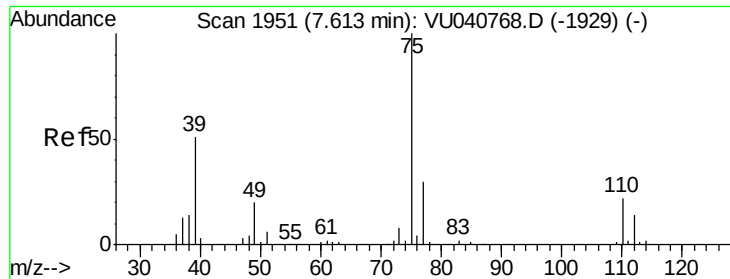
#37
1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040769.D
Acq: 17 Oct 2020 17:42

Tgt Ion: 63 Resp: 7030
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



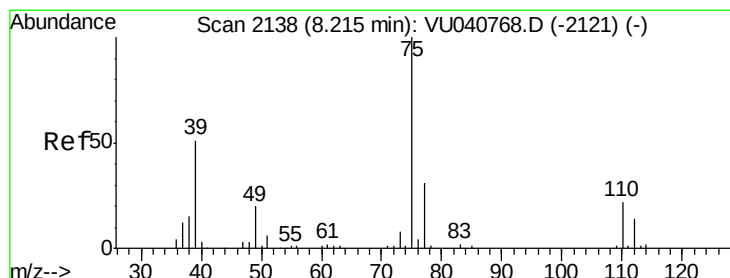
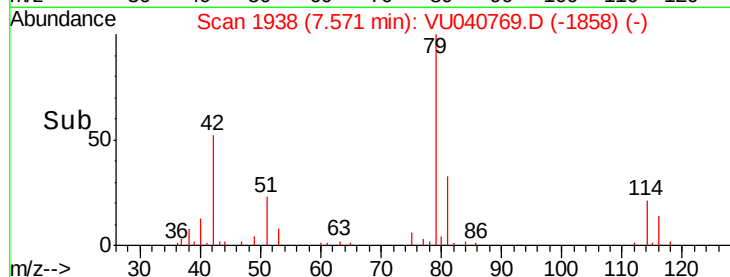
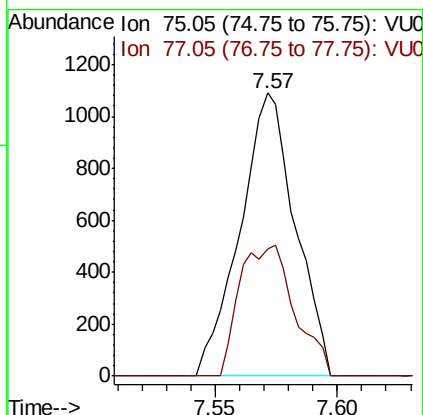
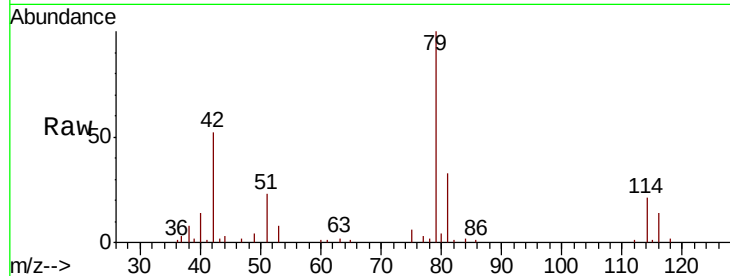


#39

cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040769.D
Acq: 17 Oct 2020 17:42

Instrument :
MSVOA_U
ClientSampleId :

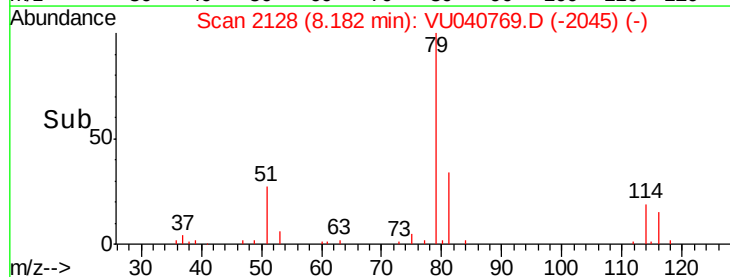
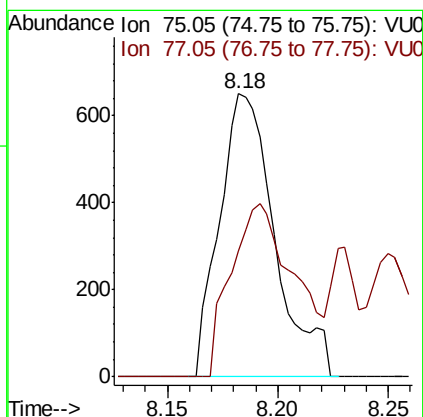
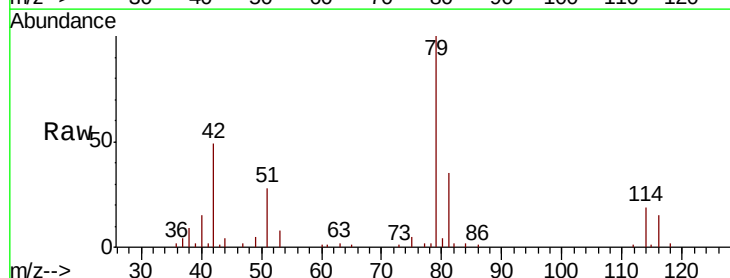
Tot Ion: 75 Resp: 1708
Ion Ratio Lower Upper
75 100
77 45.0 20.5 38.1#

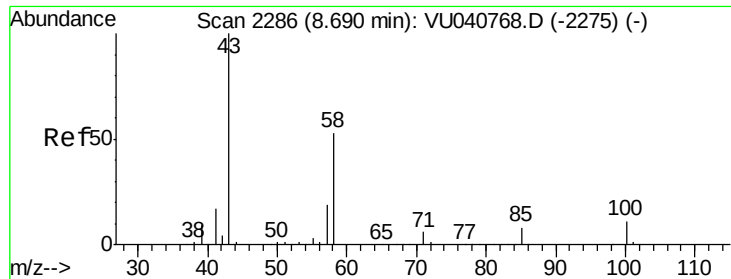


#44

trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040769.D
Acq: 17 Oct 2020 17:42

Tgt Ion: 75 Resp: 1135
Ion Ratio Lower Upper
75 100
77 44.2 20.4 38.0#





#48

2-Hexanone

Concen: 0.501 ug/L

RT: 8.68 min Scan# 2284

Delta R.T. -0.01 min

Lab File: VU040769.D

Acq: 17 Oct 2020 17:42

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 43 Resp: 3391

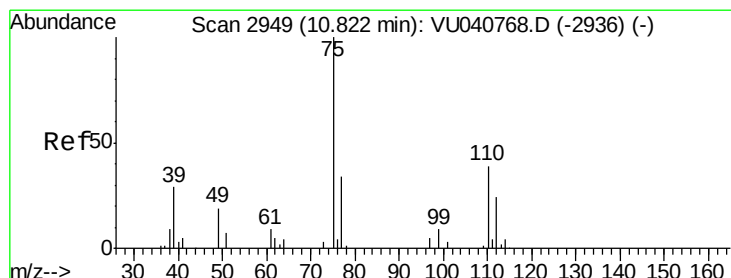
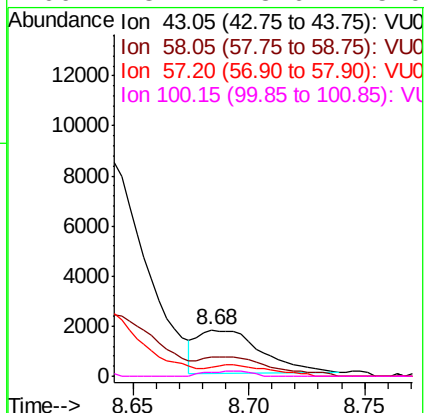
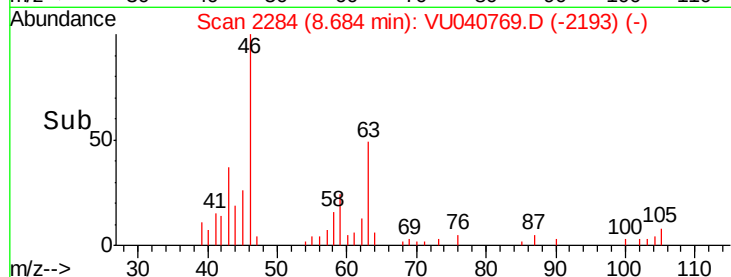
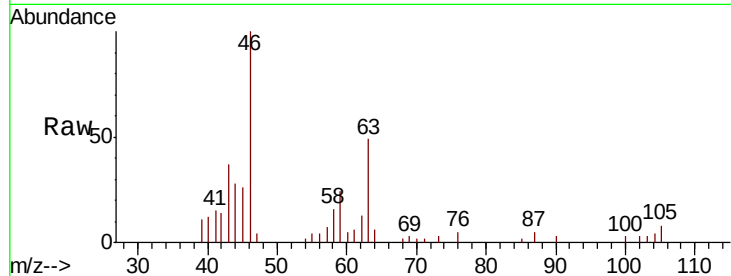
Ion Ratio Lower Upper

43 100

58 46.5 41.0 61.6

57 23.6 14.4 21.6#

100 8.1 8.6 13.0#



#59

1,2,3-Trichloropropane

Concen: 0.848 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040769.D

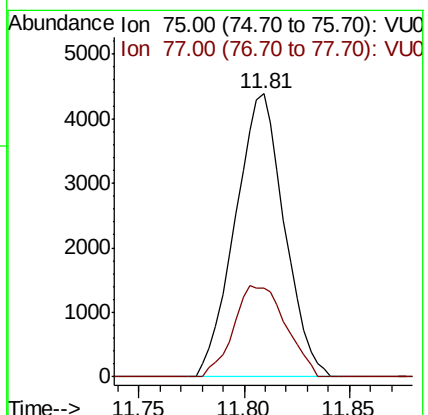
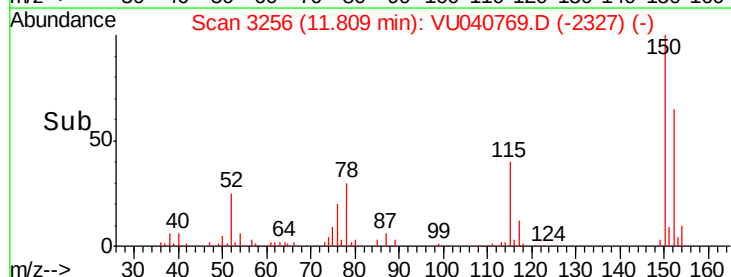
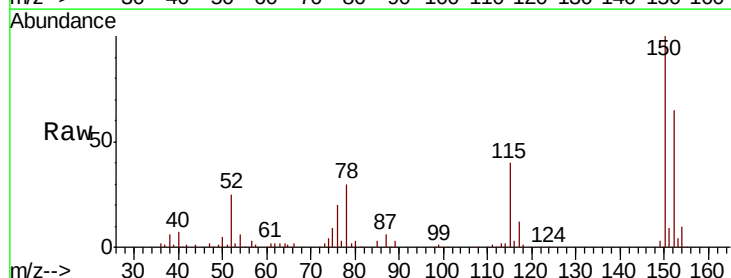
Acq: 17 Oct 2020 17:42

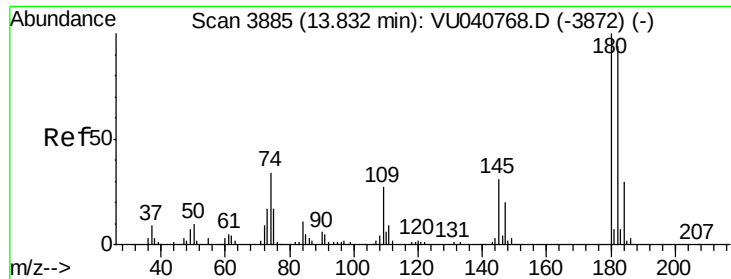
Tgt Ion: 75 Resp: 7100

Ion Ratio Lower Upper

75 100

77 34.0 26.4 39.6





#68

1,2,4-trichlorobenzene

Concen: 0.033 ug/L

RT: 13.83 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VU040769.D

Acq: 17 Oct 2020 17:42

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ClientSampleId :

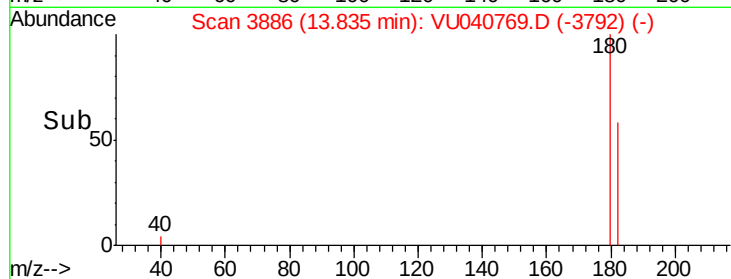
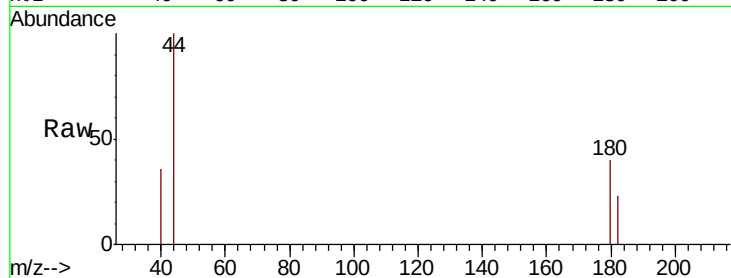
Tot Ion:180 Resp: 308

Ion Ratio Lower Upper

180 100

182 53.2 78.8 118.2#

145 0.0 26.1 39.1#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

