

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061620\
 Data File : VU038921.D
 Acq On : 16 Jun 2020 14:22
 Operator : SY/MD
 Sample : L2975-09DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8Q3DL

Quant Time: Jun 17 02:02:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 17 02:00:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	306778	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	312033	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145708	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86161	5.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.80%
7) Chloroethane-d5	1.93	69	72950	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.58	63	147577	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	4.69	46	343733	62.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.26%
24) Chloroform-d	5.10	84	186904	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.74	65	114838	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.76	84	376853	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.72	67	114960	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.92	98	319598	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	8.20	79	46727	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.67	63	283460	60.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109312	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	150566	6.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.00%#

Target Compounds

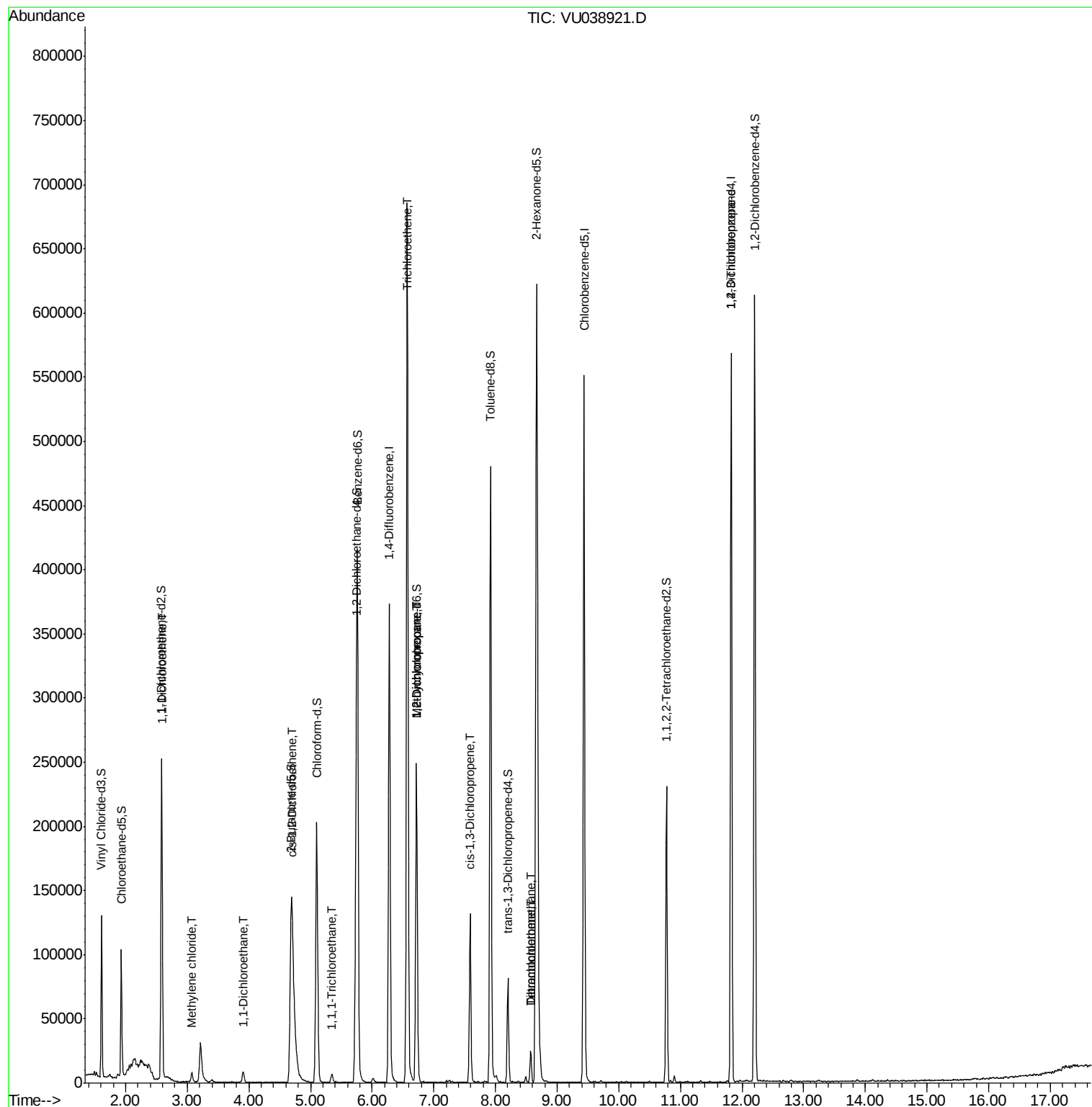
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	2777	0.128	ug/L #	1
16) Methylene chloride	3.08	84	3114	0.125	ug/L	90
19) 1,1-Dichloroethane	3.90	63	9873	0.234	ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	3591	0.150	ug/L	92
29) 1,1,1-Trichloroethane	5.35	97	4800	0.124	ug/L #	84
34) Trichloroethene	6.57	95	235635	9.736	ug/L	96
35) Methylcyclohexane	6.72	83	27887	0.773	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13439	0.562	ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	3162	0.092	ug/L #	31
47) Tetrachloroethene	8.57	164	5434	0.293	ug/L	95
49) Dibromochloromethane	8.57	129	5470	0.258	ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	18117	0.983	ug/L	90

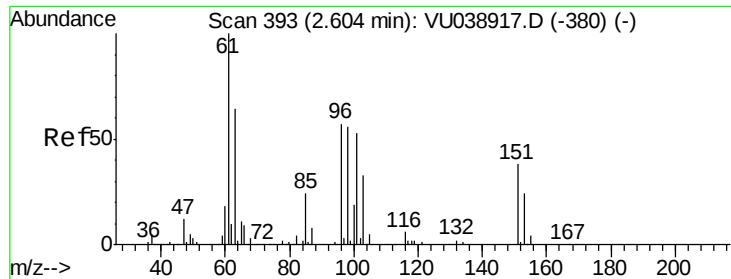
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 17 02:00:04 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.128 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038921.D

Acq: 16 Jun 2020 14:22

Instrument :

MSVOA_U

ClientSampleId :

BF8Q3DL

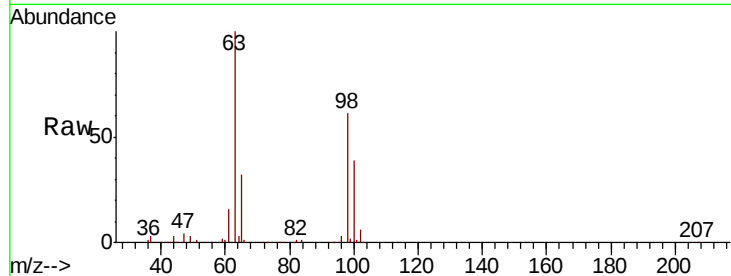
Tot Ion: 96 Resp: 2777

Ion Ratio Lower Upper

96 100

61 485.9 124.9 232.1#

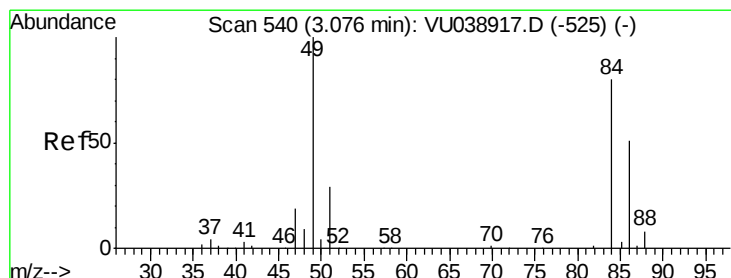
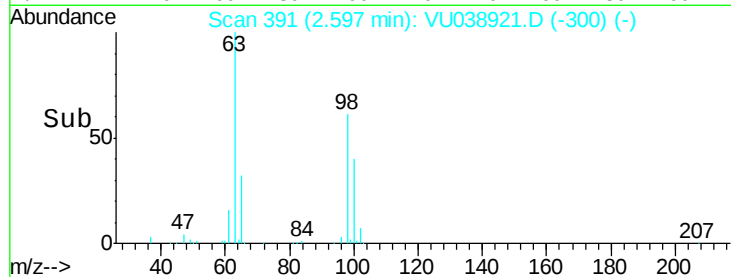
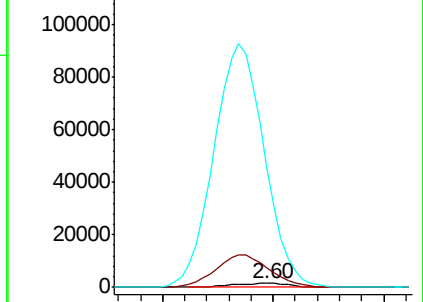
63 3016.1 79.1 146.9#



Abundance Ion 96.00 (95.70 to 96.70): VU038921.D (-447) (-)

Ion 61.05 (60.75 to 61.75): VU038921.D (-447) (-)

Ion 63.00 (62.70 to 63.70): VU038921.D (-447) (-)



#16

Methylene chloride

Concen: 0.125 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038921.D

Acq: 16 Jun 2020 14:22

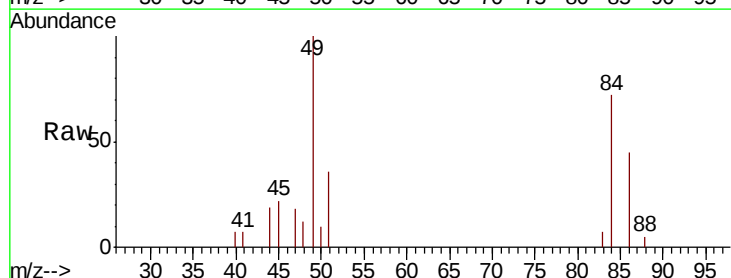
Tgt Ion: 84 Resp: 3114

Ion Ratio Lower Upper

84 100

86 63.0 47.9 89.1

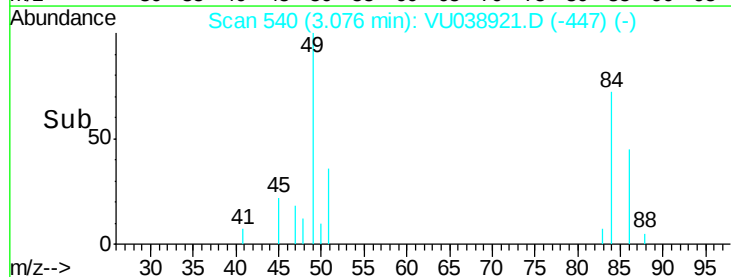
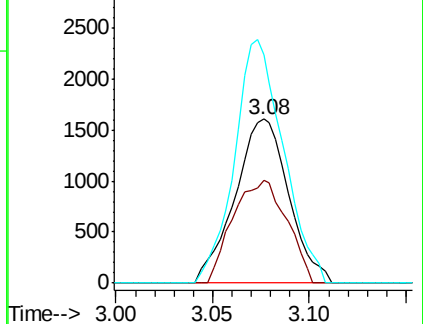
49 139.7 88.4 164.2

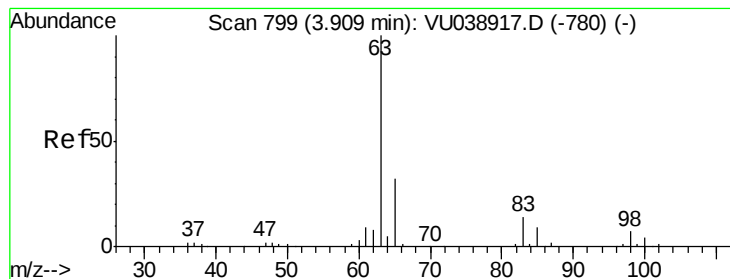


Abundance Ion 84.05 (83.75 to 84.75): VU038921.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU038921.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU038921.D (-447) (-)





#19

1,1-Dichloroethane

Concen: 0.234 ug/L

RT: 3.90 min Scan# 797

Delta R.T. -0.01 min

Lab File: VU038921.D

Acq: 16 Jun 2020 14:22

Instrument :

MSVOA_U

ClientSampleId :

BF8Q3DL

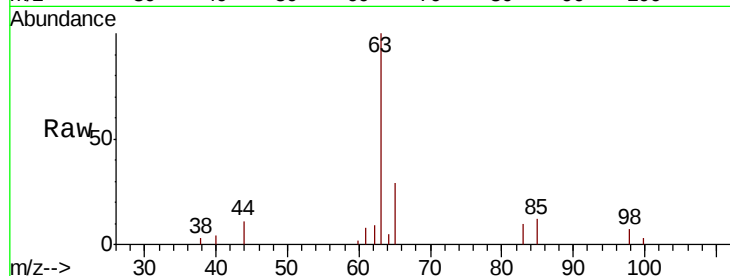
Tot Ion: 63 Resp: 9873

Ion Ratio Lower Upper

63 100

65 28.7 21.3 39.6

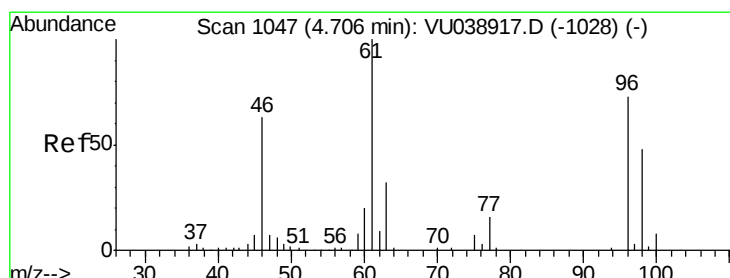
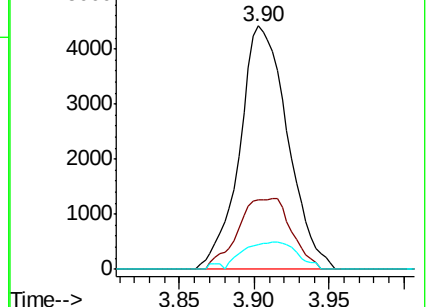
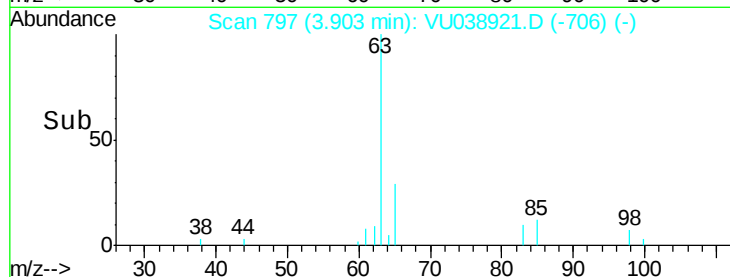
83 10.3 9.5 17.7



Abundance Ion 63.10 (62.80 to 63.80): VU038921.D (-706) (-)

Ion 65.10 (64.80 to 65.80): VU038921.D (-706) (-)

Ion 83.05 (82.75 to 83.75): VU038921.D (-706) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.150 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038921.D

Acq: 16 Jun 2020 14:22

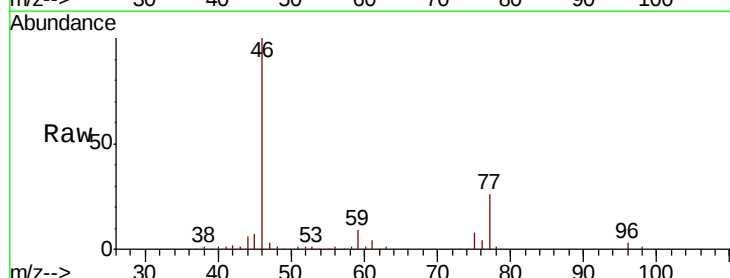
Tgt Ion: 96 Resp: 3591

Ion Ratio Lower Upper

96 100

61 138.4 90.5 168.1

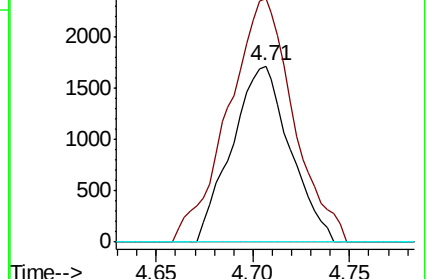
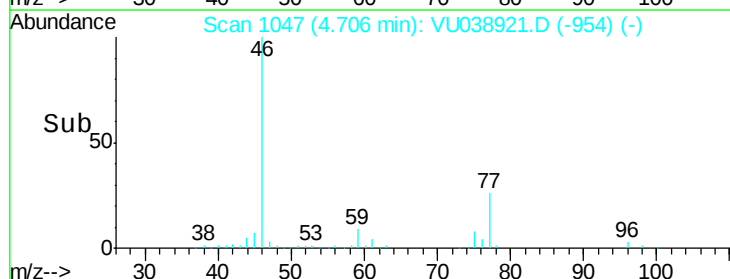
68 0.0 0.0 0.0

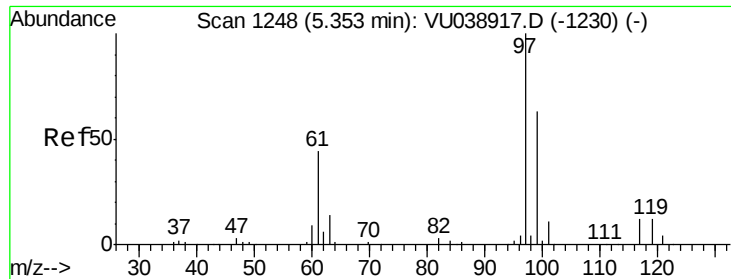


Abundance Ion 96.00 (95.70 to 96.70): VU038921.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU038921.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU038921.D (-954) (-)

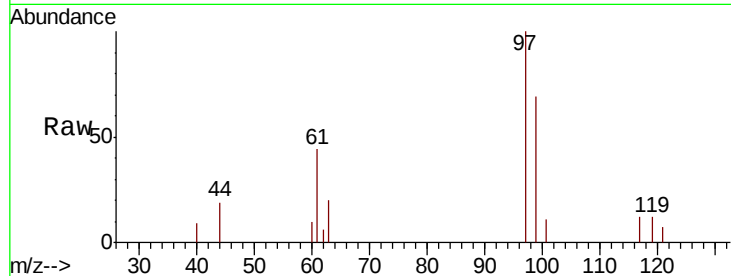




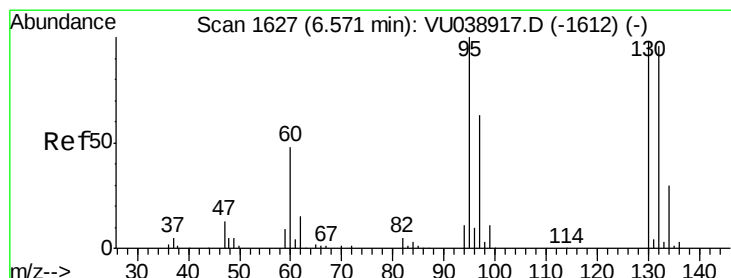
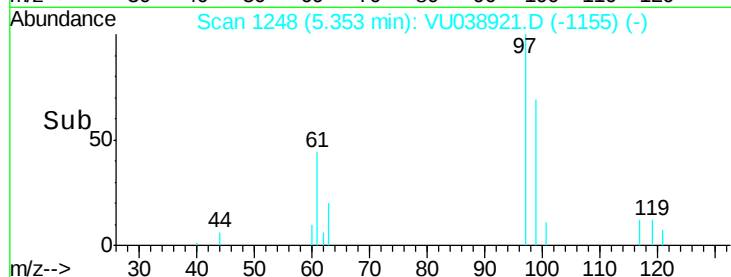
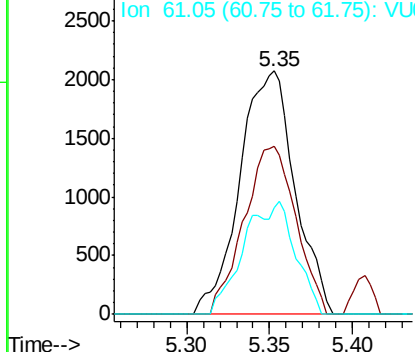
#29
1,1,1-Trichloroethane
Concen: 0.124 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU038921.D
Acq: 16 Jun 2020 14:22

Instrument :
MSVOA_U
ClientSampled :
BF8Q3DL

Tot Ion: 97 Resp: 4800
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 20.1 36.3 54.5#

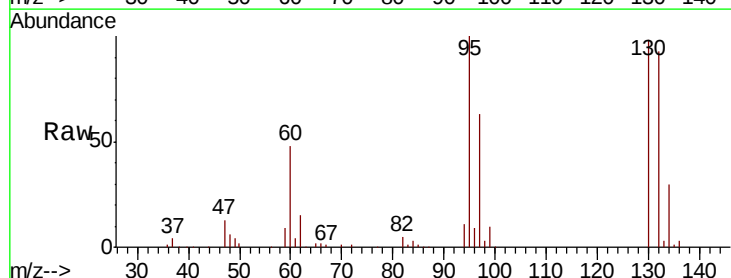


Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 61.05 (60.75 to 61.75): VU0

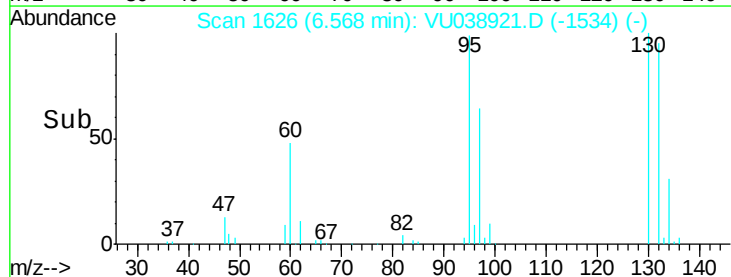
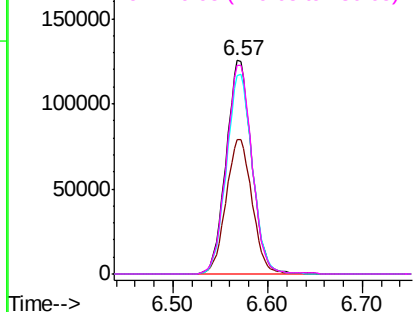


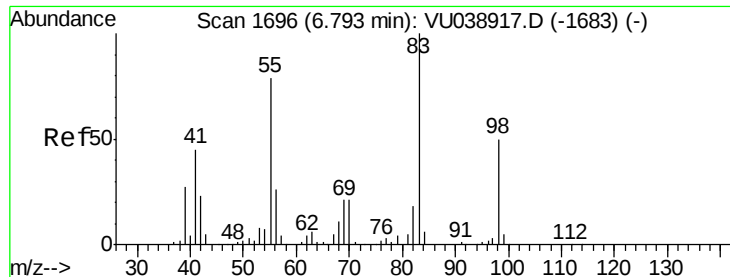
#34
Trichloroethene
Concen: 9.736 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU038921.D
Acq: 16 Jun 2020 14:22

Tgt Ion: 95 Resp: 235635
Ion Ratio Lower Upper
95 100
97 62.9 46.1 85.5
132 93.0 68.2 126.6
130 97.8 71.0 131.9



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): VU0
Ion 129.95 (129.65 to 130.65): VU0

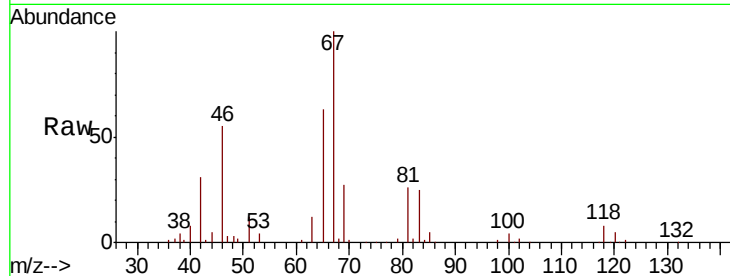




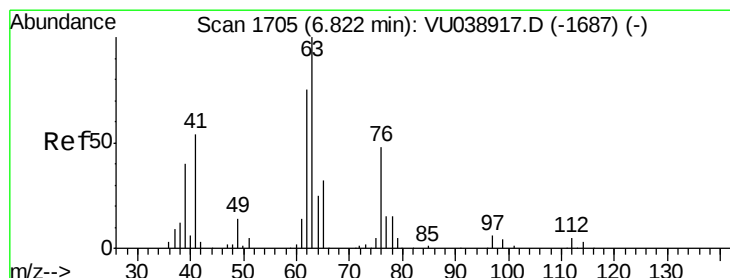
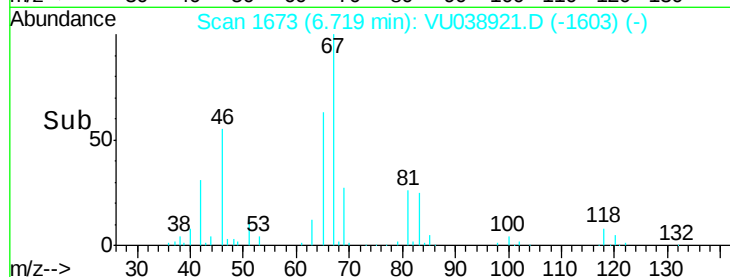
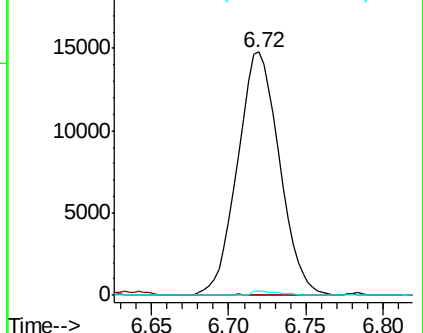
#35
Methvlcvclohexane
Concen: 0.773 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038921.D
Acq: 16 Jun 2020 14:22

Instrument :
MSVOA_U
ClientSampleId :
BF8Q3DL

Tot Ion: 83 Resp: 27887
Ion Ratio Lower Upper
83 100
55 0.1 63.6 95.4#
98 1.2 38.9 58.3#

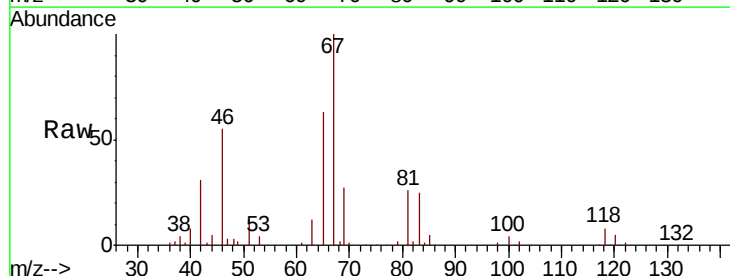


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

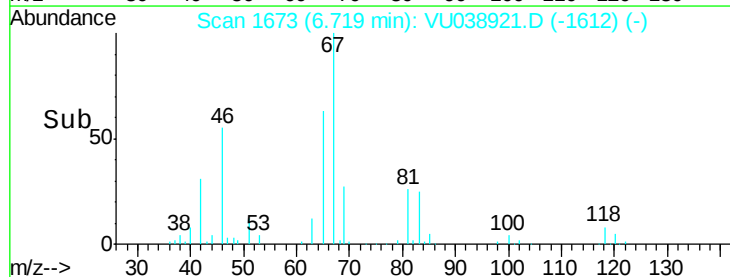
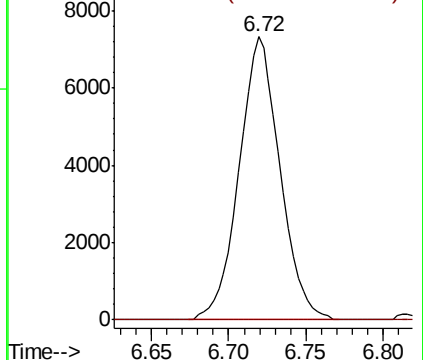


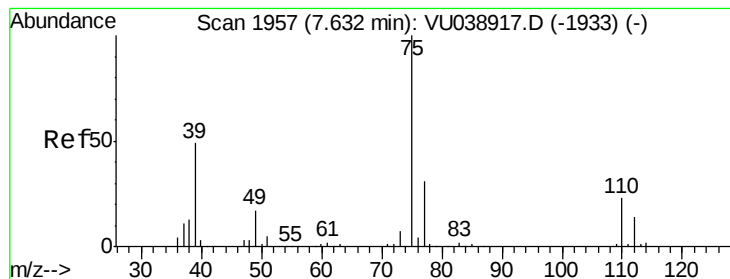
#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038921.D
Acq: 16 Jun 2020 14:22

Tgt Ion: 63 Resp: 13439
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



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



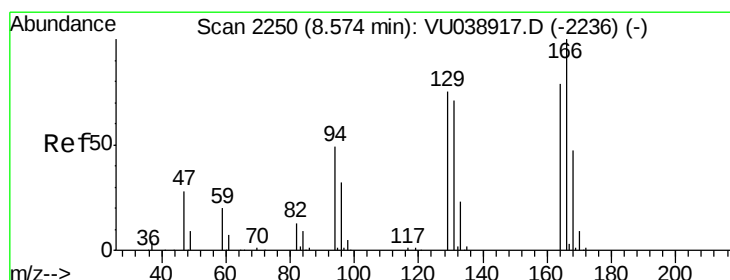
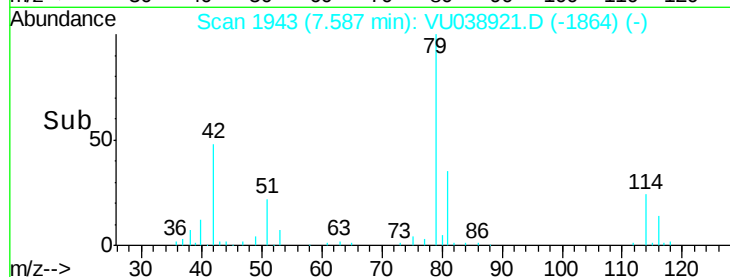
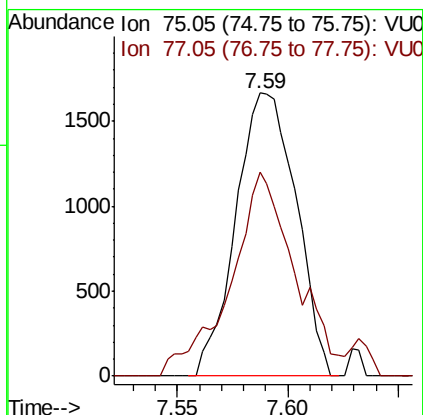
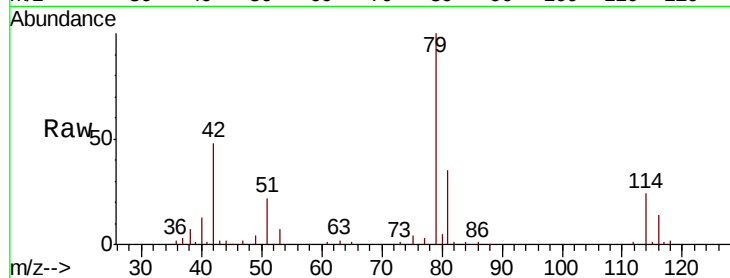


#39

cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.05 min
Lab File: VU038921.D
Acq: 16 Jun 2020 14:22

Instrument :
MSVOA_U
ClientSampleId :
BF8Q3DL

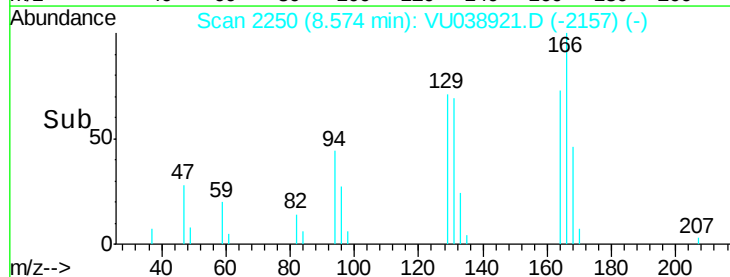
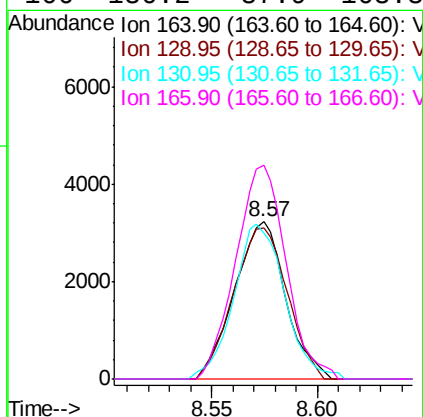
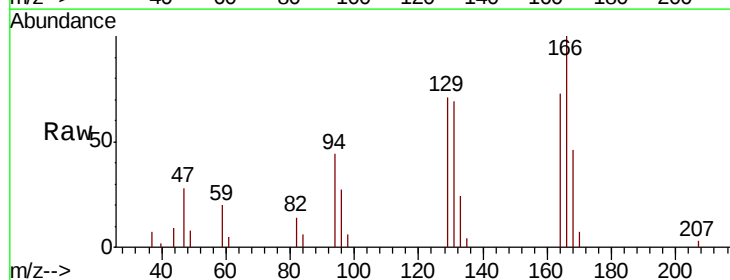
Tot Ion: 75 Resp: 3162
Ion Ratio Lower Upper
75 100
77 71.8 23.0 42.6#

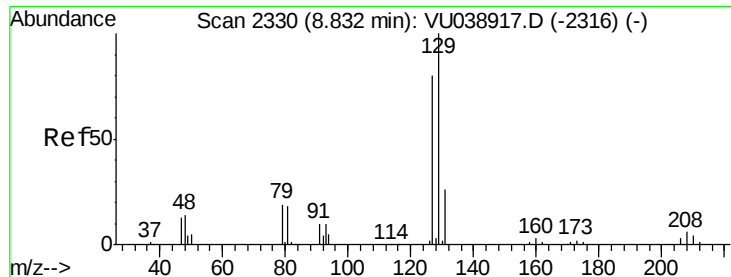


#47

Tetrachloroethene
Concen: 0.293 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU038921.D
Acq: 16 Jun 2020 14:22

Tgt Ion:164 Resp: 5434
Ion Ratio Lower Upper
164 100
129 96.1 65.5 121.7
131 93.3 63.9 118.7
166 136.2 87.9 163.3

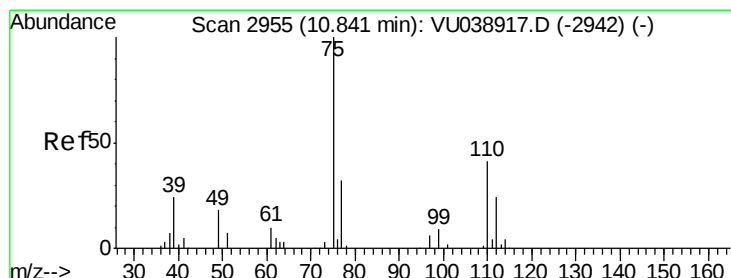
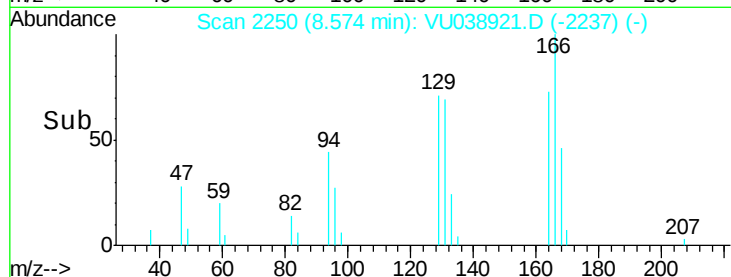
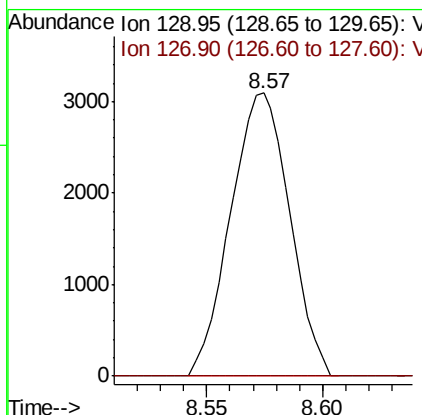
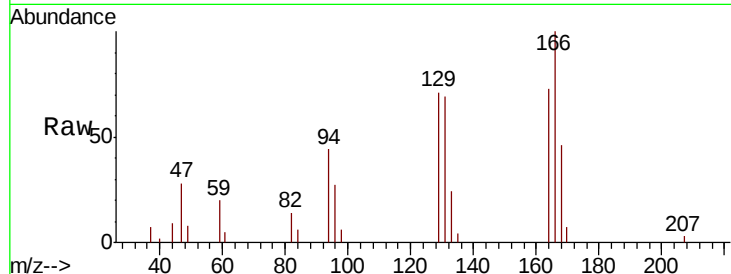




#49
Dibromochloromethane
Concen: 0.258 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU038921.D
Acq: 16 Jun 2020 14:22

Instrument :
MSVOA_U
ClientSampleId :
BF8Q3DL

Tot Ion:129 Resp: 5470
Ion Ratio Lower Upper
129 100
127 0.0 56.7 105.3#



#59
1,2,3-Trichloropropane
Concen: 0.983 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038921.D
Acq: 16 Jun 2020 14:22

Tgt Ion: 75 Resp: 18117
Ion Ratio Lower Upper
75 100
77 37.8 25.9 38.9

