

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061820\
 Data File : VU038965.D
 Acq On : 18 Jun 2020 13:23
 Operator : SY/MD
 Sample : L3040-14DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L36DL

Quant Time: Jun 19 01:19:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 19 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	326914	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	332516	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	159285	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78643	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.93	69	72314	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.80%
11) 1,1-Dichloroethene-d2	2.58	63	130340	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	4.67	46	340987	46.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.90%
24) Chloroform-d	5.10	84	182047	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.74	65	111295	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	5.76	84	354934	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	6.72	67	114269	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.92	98	290321	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	8.20	79	47749	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.66	63	303614	46.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	107779	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	127247	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%

Target Compounds

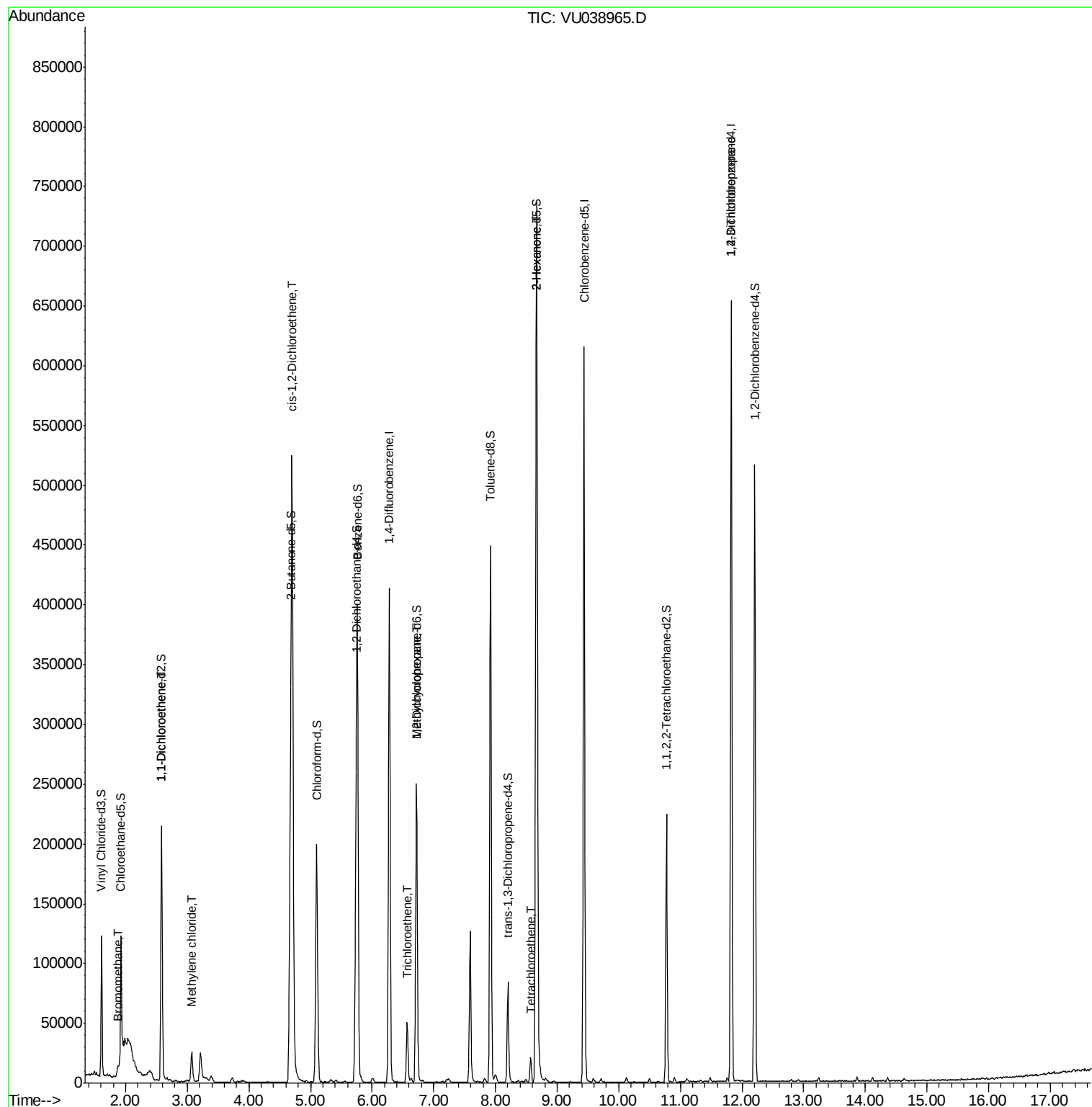
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.87	94	2050	0.117	ug/L	93
12) 1,1-Dichloroethene	2.58	96	1479	0.064	ug/L #	1
16) Methylene chloride	3.07	84	11984	0.453	ug/L	81
22) cis-1,2-Dichloroethene	4.70	96	220753	8.910	ug/L	99
34) Trichloroethene	6.57	95	16740	0.664	ug/L	91
35) Methylcyclohexane	6.72	83	28728	0.719	ug/L #	18
47) Tetrachloroethene	8.57	164	4949	0.253	ug/L	93
48) 2-Hexanone	8.67	43	36548	2.699	ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	20942	1.047	ug/L #	88

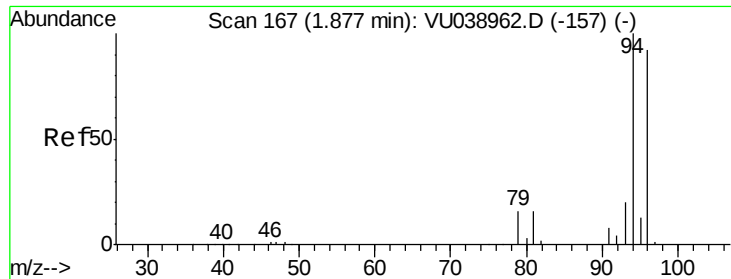
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Bromomethane

Concen: 0.117 ug/L

RT: 1.87 min Scan# 165

Delta R.T. -0.01 min

Lab File: VU038965.D

Acq: 18 Jun 2020 13:23

Instrument :

MSVOA_U

ClientSampleId :

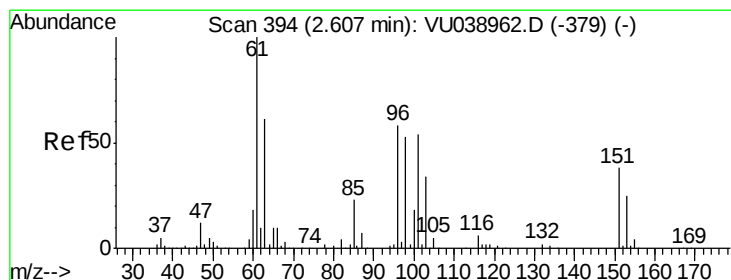
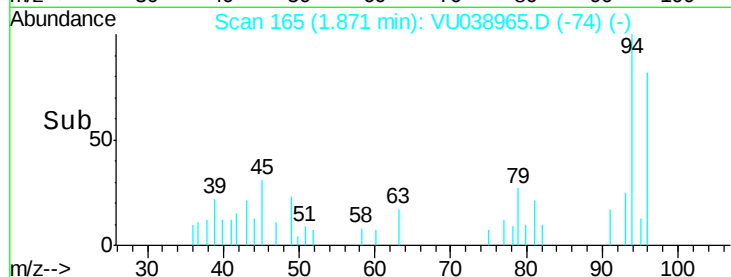
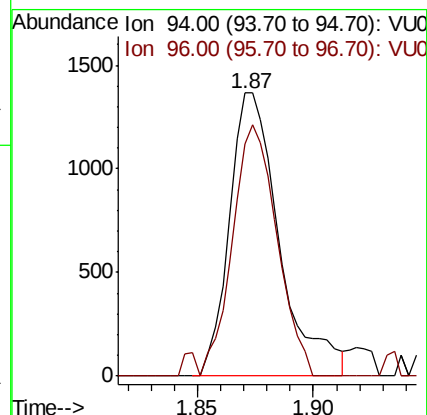
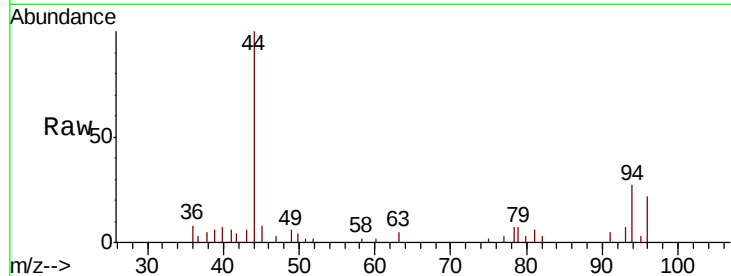
F9L36DL

Tot Ion: 94 Resp: 2050

Ion Ratio Lower Upper

94 100

96 82.0 62.3 115.7



#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.02 min

Lab File: VU038965.D

Acq: 18 Jun 2020 13:23

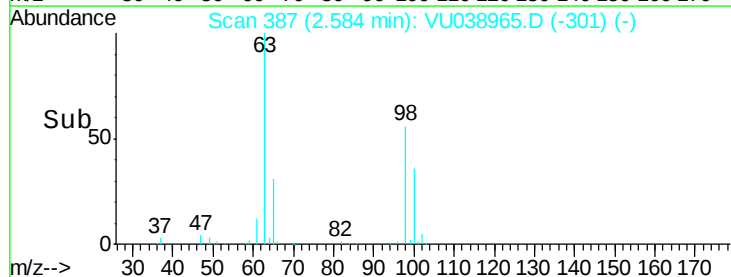
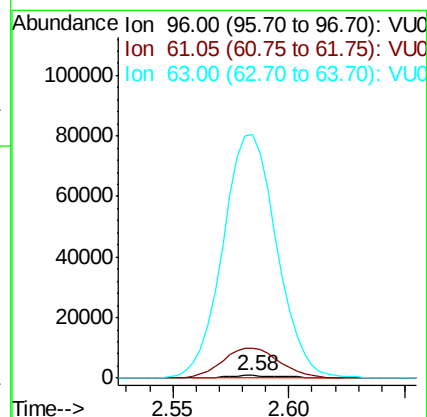
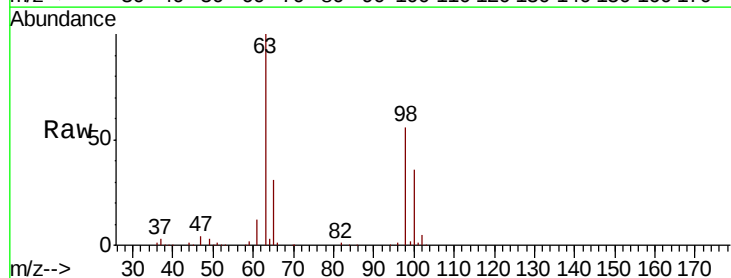
Tgt Ion: 96 Resp: 1479

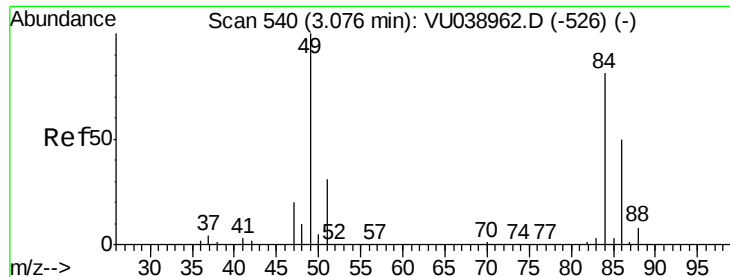
Ion Ratio Lower Upper

96 100

61 1215.1 120.3 223.5#

63 9847.7 78.7 146.1#

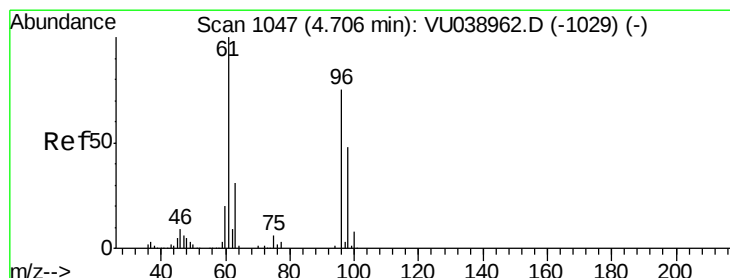
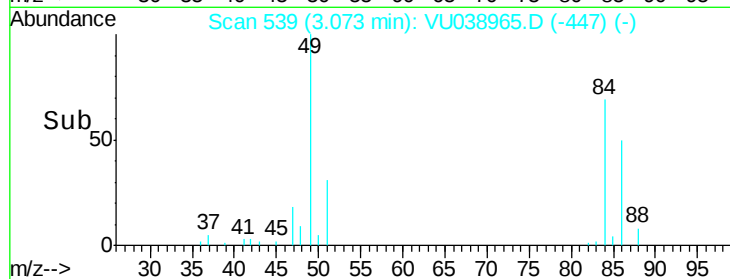
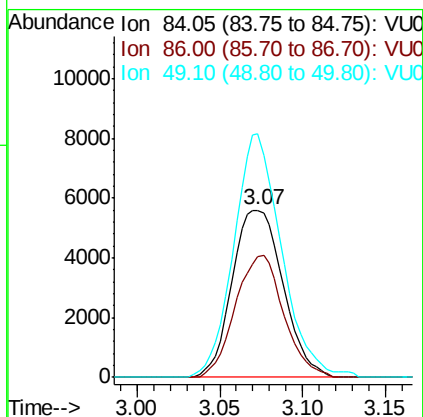
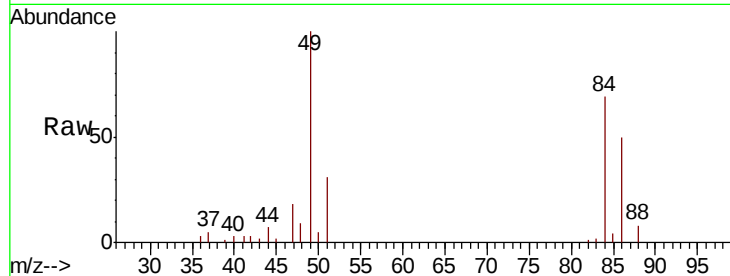




#16
Methylene chloride
Concen: 0.453 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU038965.D
Acq: 18 Jun 2020 13:23

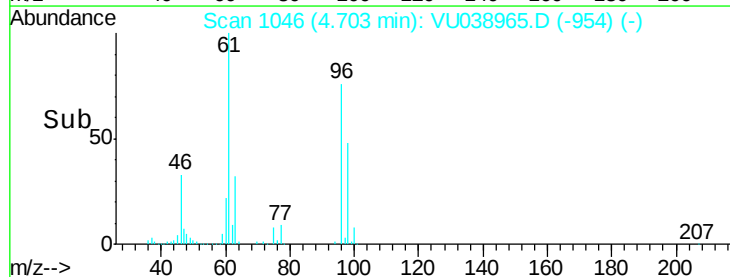
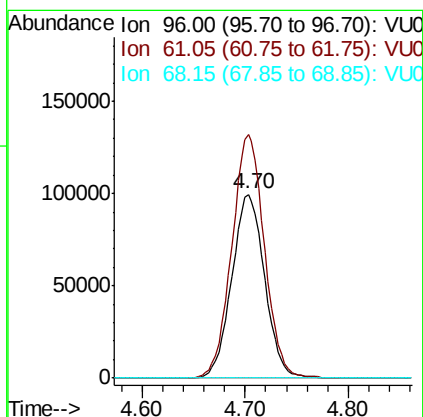
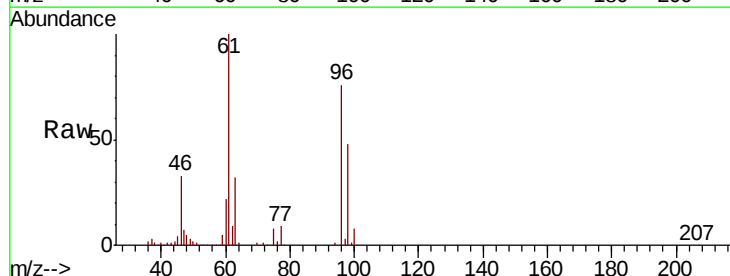
Instrument :
MSVOA_U
ClientSampled :
F9L36DL

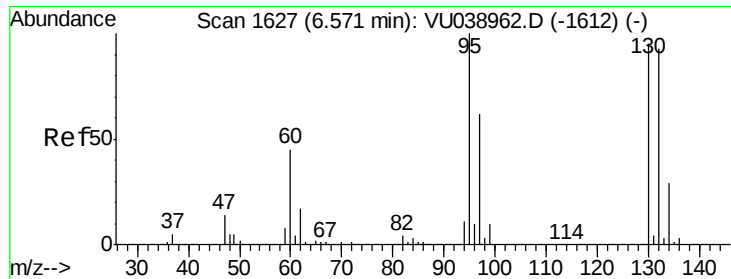
Tot Ion: 84 Resp: 11984
Ion Ratio Lower Upper
84 100
86 72.6 45.1 83.7
49 145.9 83.7 155.4



#22
cis-1,2-Dichloroethene
Concen: 8.910 ug/L
RT: 4.70 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VU038965.D
Acq: 18 Jun 2020 13:23

Tgt Ion: 96 Resp: 220753
Ion Ratio Lower Upper
96 100
61 132.4 93.7 173.9
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.664 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038965.D

Acq: 18 Jun 2020 13:23

Instrument :

MSVOA_U

ClientSampleID :

F9L36DL

Tot Ion: 95 Resp: 16740

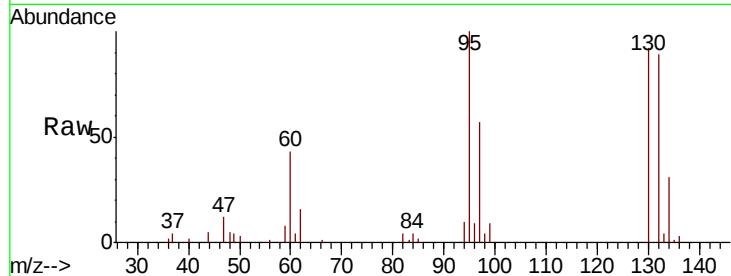
Ion Ratio Lower Upper

95 100

97 57.4 45.4 84.4

132 89.0 68.4 127.0

130 91.7 69.6 129.2

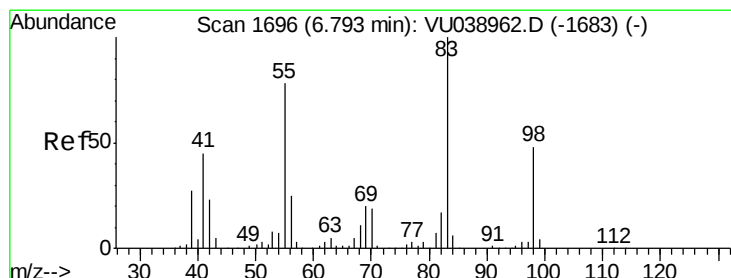
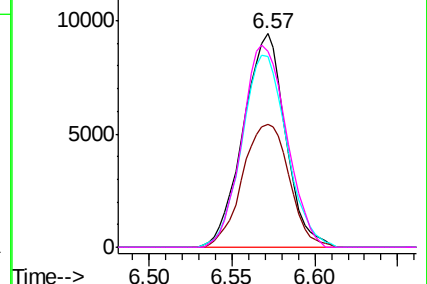
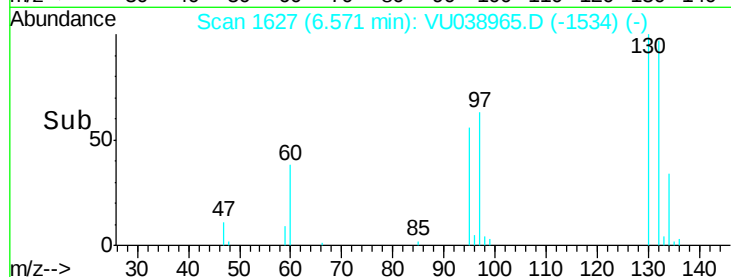


Abundance Ion 95.00 (94.70 to 95.70): VU038965.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038965.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU038965.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038965.D (-1534) (-)



#35

Methylcyclohexane

Concen: 0.719 ug/L

RT: 6.72 min Scan# 1672

Delta R.T. -0.08 min

Lab File: VU038965.D

Acq: 18 Jun 2020 13:23

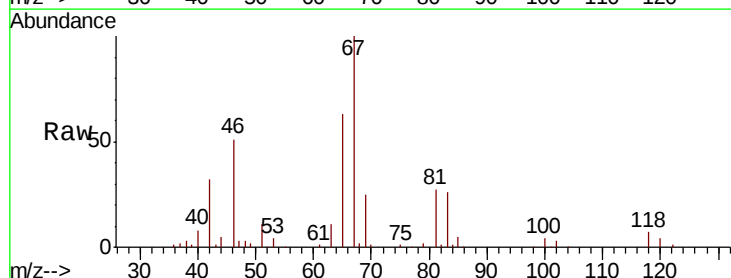
Tgt Ion: 83 Resp: 28728

Ion Ratio Lower Upper

83 100

55 0.1 61.8 92.8#

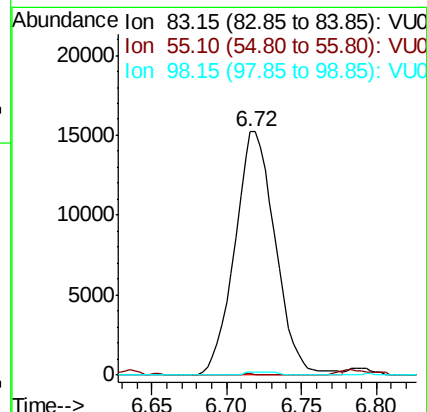
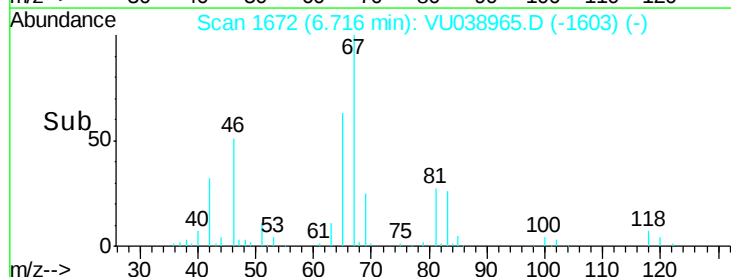
98 1.0 39.3 58.9#

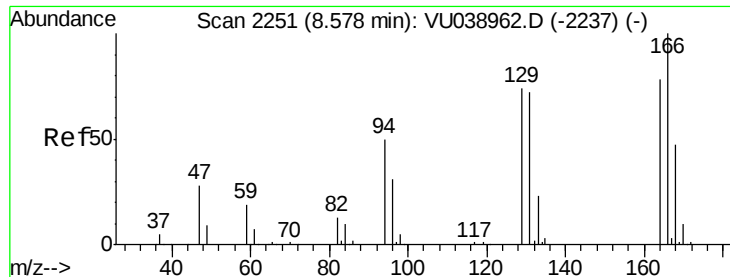


Abundance Ion 83.15 (82.85 to 83.85): VU038965.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU038965.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU038965.D (-1603) (-)





#47

Tetrachloroethene

Concen: 0.253 ug/L

RT: 8.57 min Scan# 2248

Delta R.T. -0.01 min

Lab File: VU038965.D

Acq: 18 Jun 2020 13:23

Instrument :

MSVOA_U

ClientSampleId :

F9L36DL

Tot Ion:164 Resp: 4949

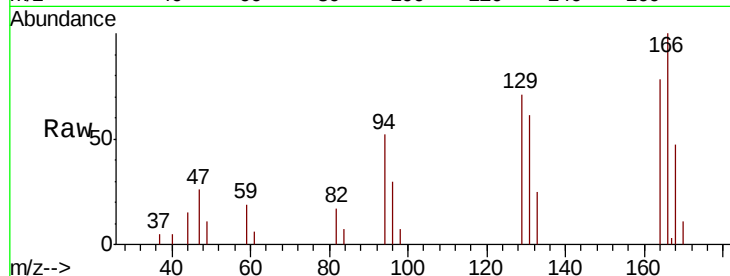
Ion Ratio Lower Upper

164 100

129 91.3 66.1 122.8

131 77.8 65.7 122.1

166 128.2 93.0 172.8

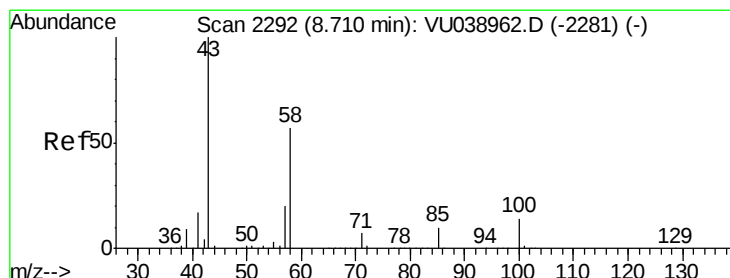
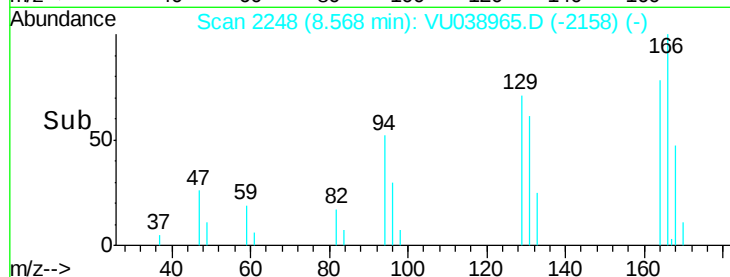
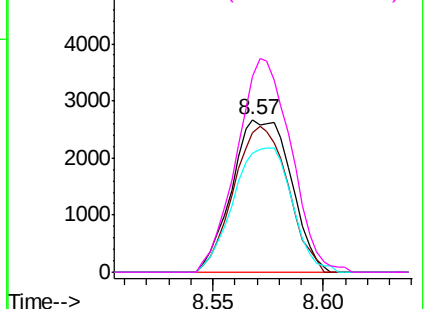


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.699 ug/L

RT: 8.67 min Scan# 2279

Delta R.T. -0.04 min

Lab File: VU038965.D

Acq: 18 Jun 2020 13:23

Tgt Ion: 43 Resp: 36548

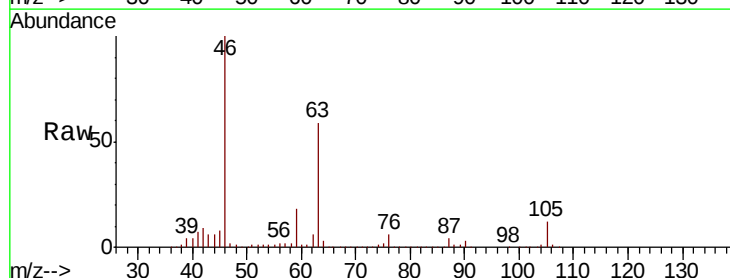
Ion Ratio Lower Upper

43 100

58 32.0 45.2 67.8#

57 29.7 16.1 24.1#

100 0.5 10.9 16.3#

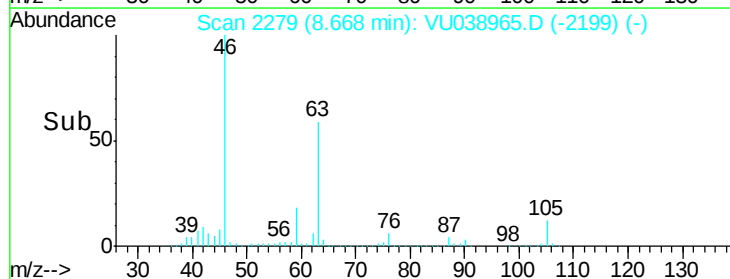
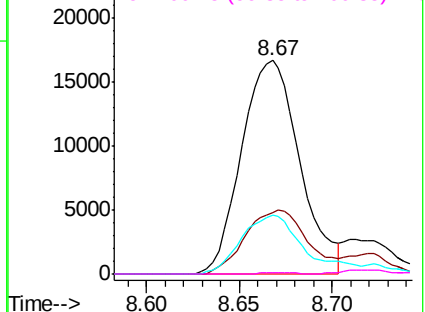


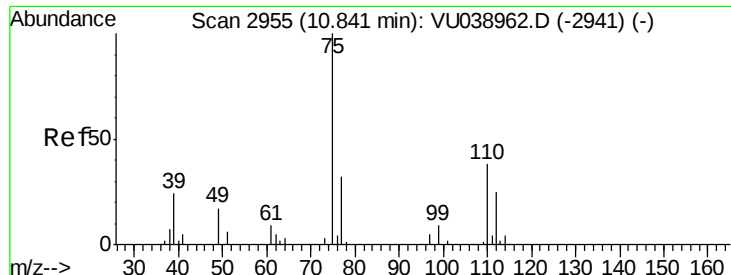
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 1.047 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038965.D

Acq: 18 Jun 2020 13:23

Instrument :

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ClientSampleId :

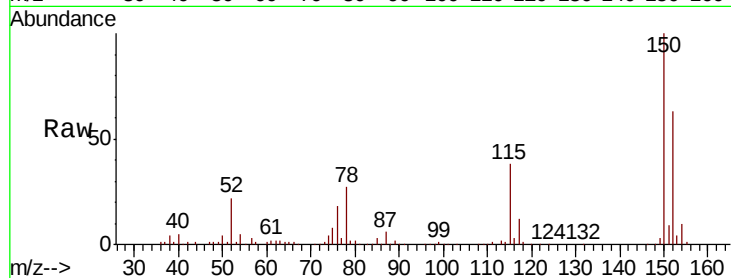
F9L36DL

Tot Ion: 75 Resp: 20942

Ion Ratio Lower Upper

75 100

77 38.6 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

