

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061820\
 Data File : VU038964.D
 Acq On : 18 Jun 2020 13:00
 Operator : SY/MD
 Sample : L3040-13DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L35DL

Quant Time: Jun 19 01:19:05 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	287375	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	289087	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	137807	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81514	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.93	69	83725	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.59	63	133875	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.67	46	356632	55.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.72%
24) Chloroform-d	5.10	84	190982	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	115724	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.76	84	363368	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.72	67	115556	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.93	98	293991	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.20	79	48864	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.66	63	300224	53.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109049	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	127917	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

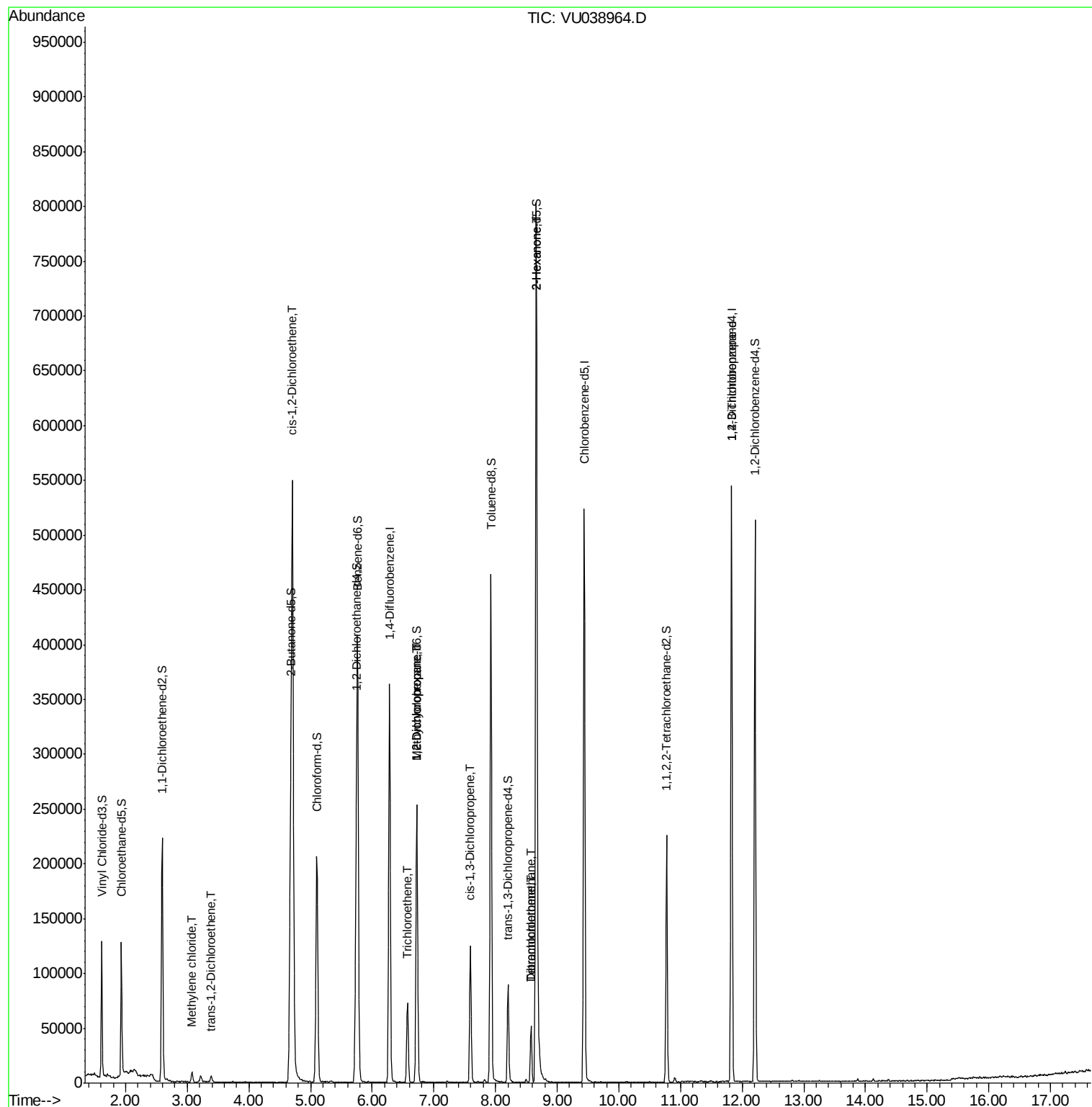
					Ovalue
16) Methylene chloride	3.08	84	4260	0.183	ug/L 88
18) trans-1,2-Dichloroethene	3.39	96	1897	0.089	ug/L 93
22) cis-1,2-Dichloroethene	4.71	96	234012	10.744	ug/L 100
34) Trichloroethene	6.57	95	23396	1.068	ug/L 93
35) Methylcyclohexane	6.72	83	29078	0.837	ug/L # 18
37) 1,2-Dichloropropane	6.72	63	13611	0.604	ug/L # 85
39) cis-1,3-Dichloropropene	7.59	75	3179	0.096	ug/L # 57
47) Tetrachloroethene	8.58	164	10940	0.644	ug/L 96
48) 2-Hexanone	8.66	43	35447	3.011	ug/L # 72
49) Dibromochloromethane	8.58	129	10550	0.526	ug/L # 10
59) 1,2,3-Trichloropropane	11.83	75	17674	1.016	ug/L 90

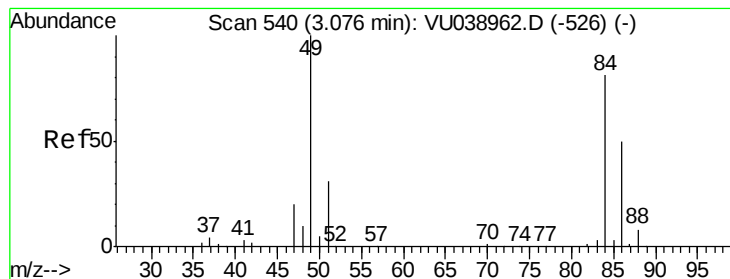
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 19 01:17:22 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.183 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038964.D

Acq: 18 Jun 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

F9L35DL

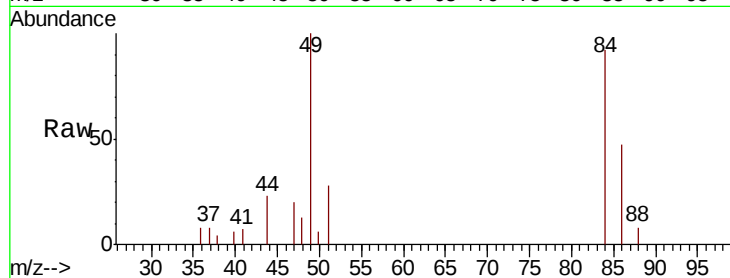
Tot Ion: 84 Resp: 4260

Ion Ratio Lower Upper

84 100

86 50.7 45.1 83.7

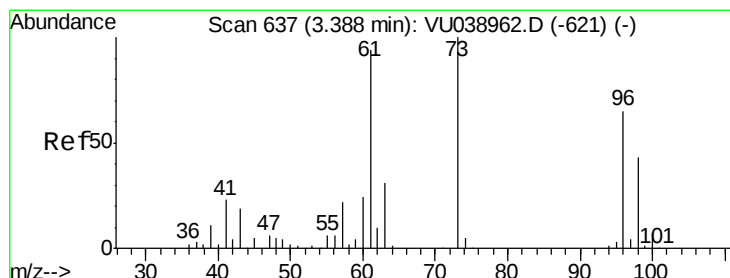
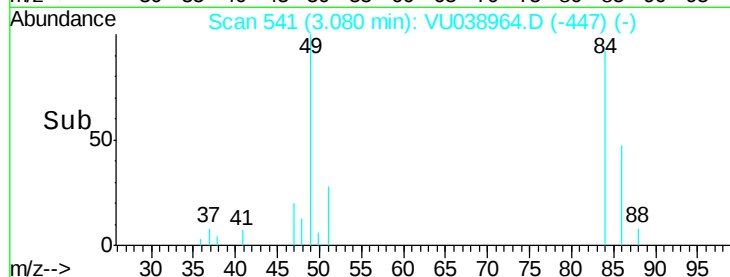
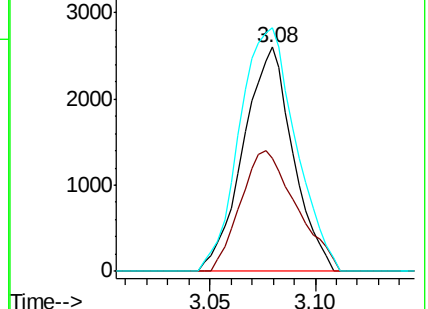
49 108.7 83.7 155.4



Abundance Ion 84.05 (83.75 to 84.75): VU038964.D (-547) (-)

Ion 86.00 (85.70 to 86.70): VU038964.D (-547) (-)

Ion 49.10 (48.80 to 49.80): VU038964.D (-547) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.089 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU038964.D

Acq: 18 Jun 2020 13:00

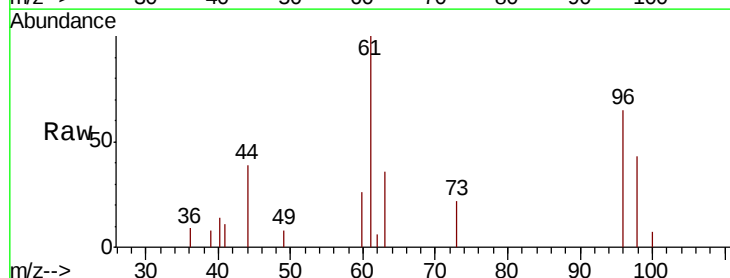
Tgt Ion: 96 Resp: 1897

Ion Ratio Lower Upper

96 100

61 154.7 100.3 186.3

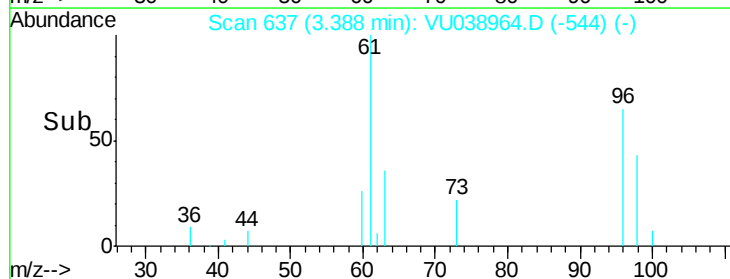
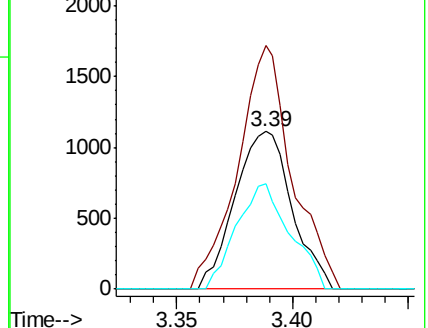
98 67.1 45.4 84.2

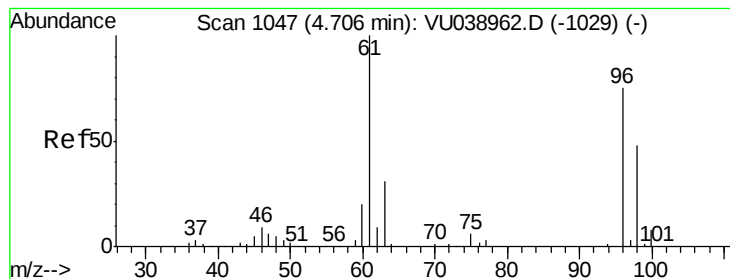


Abundance Ion 96.00 (95.70 to 96.70): VU038964.D (-544) (-)

Ion 61.05 (60.75 to 61.75): VU038964.D (-544) (-)

Ion 97.95 (97.65 to 98.65): VU038964.D (-544) (-)





#22

cis-1,2-Dichloroethene

Concen: 10.744 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038964.D

Acq: 18 Jun 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

F9L35DL

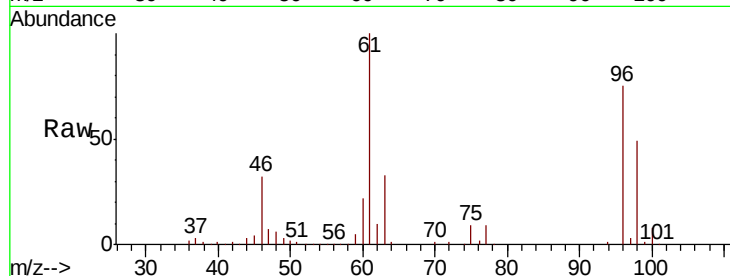
Tot Ion: 96 Resp: 234012

Ion Ratio Lower Upper

96 100

61 133.3 93.7 173.9

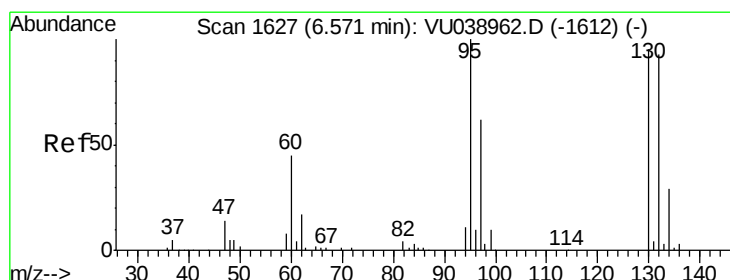
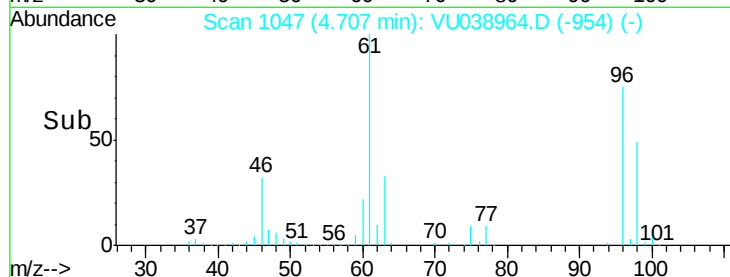
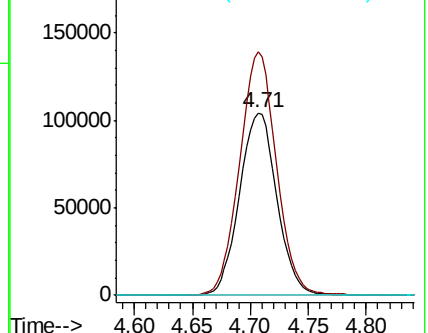
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038964.D (-1534) (-)

Ion 61.05 (60.75 to 61.75): VU038964.D (-1534) (-)

Ion 68.15 (67.85 to 68.85): VU038964.D (-1534) (-)



#34

Trichloroethene

Concen: 1.068 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU038964.D

Acq: 18 Jun 2020 13:00

Tgt Ion: 95 Resp: 23396

Ion Ratio Lower Upper

95 100

97 66.2 45.4 84.4

132 101.1 68.4 127.0

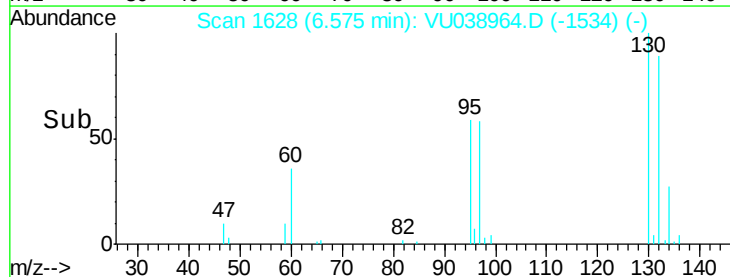
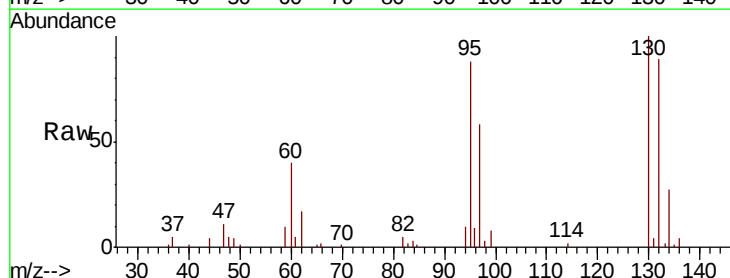
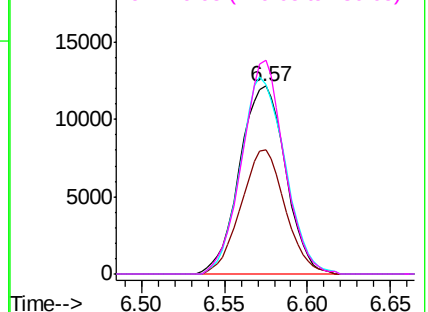
130 113.8 69.6 129.2

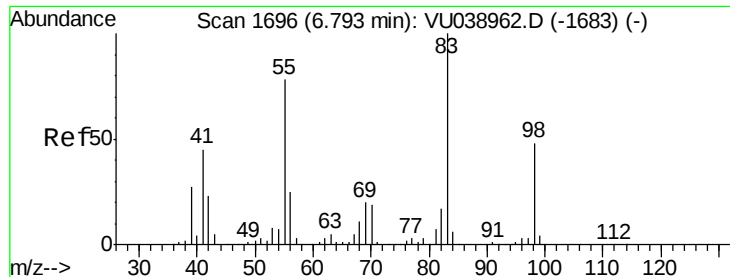
Abundance Ion 95.00 (94.70 to 95.70): VU038964.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038964.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU038964.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038964.D (-1534) (-)

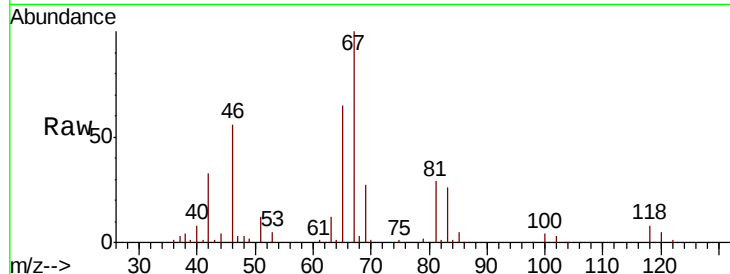




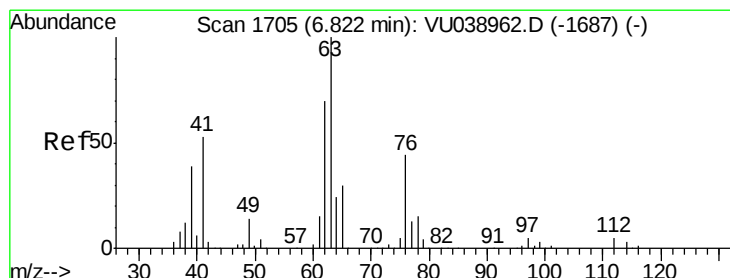
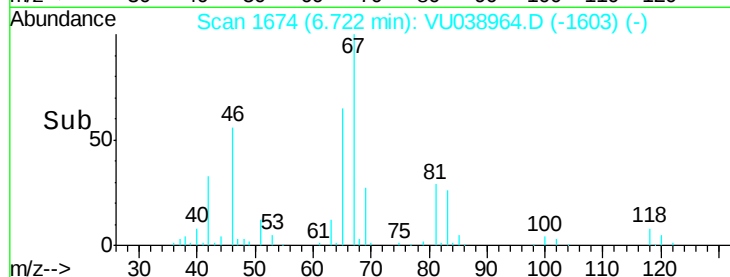
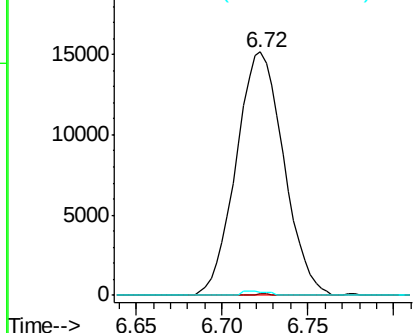
#35
Methvlcvclohexane
Concen: 0.837 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038964.D
Acq: 18 Jun 2020 13:00

Instrument :
MSVOA_U
ClientSampleId :
F9L35DL

Tot Ion: 83 Resp: 29078
Ion Ratio Lower Upper
83 100
55 0.2 61.8 92.8#
98 0.8 39.3 58.9#

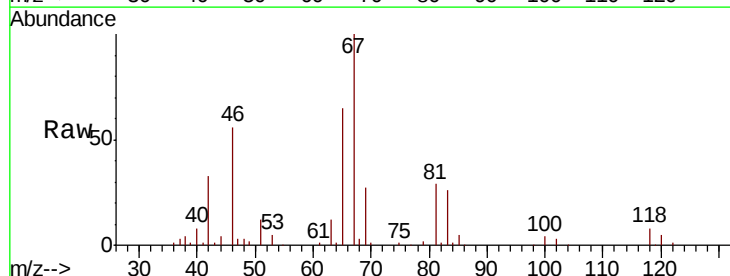


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

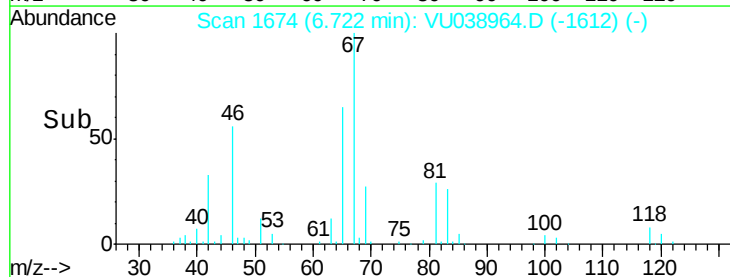
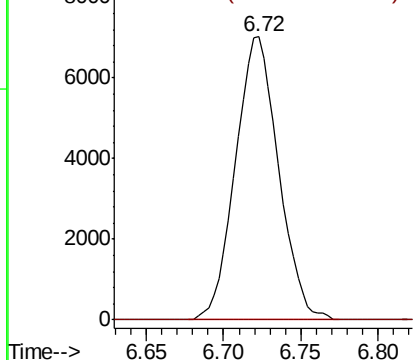


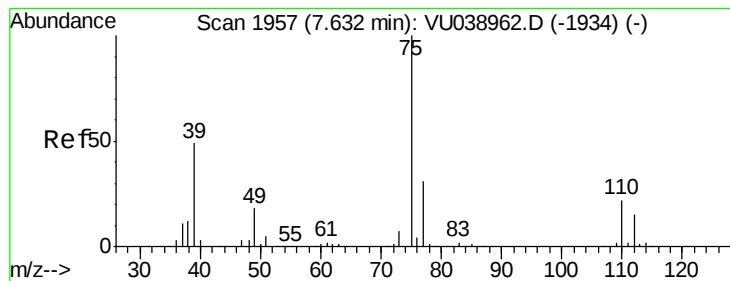
#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038964.D
Acq: 18 Jun 2020 13:00

Tgt Ion: 63 Resp: 13611
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



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



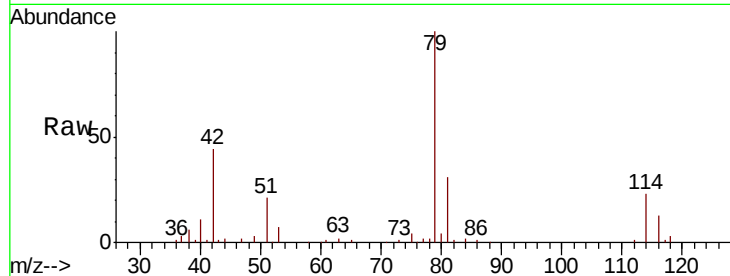


#39

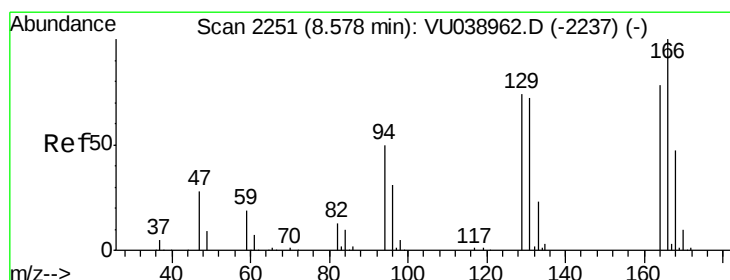
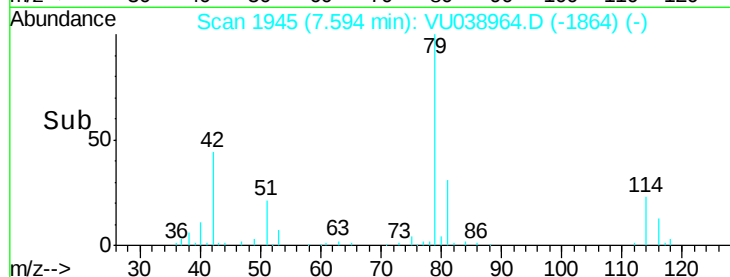
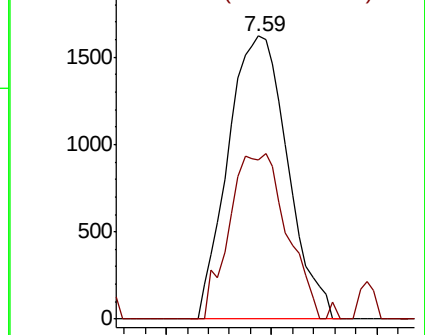
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU038964.D
Acq: 18 Jun 2020 13:00

Instrument :
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ClientSampleId :
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Tot Ion: 75 Resp: 3179
Ion Ratio Lower Upper
75 100
77 56.1 22.4 41.6#



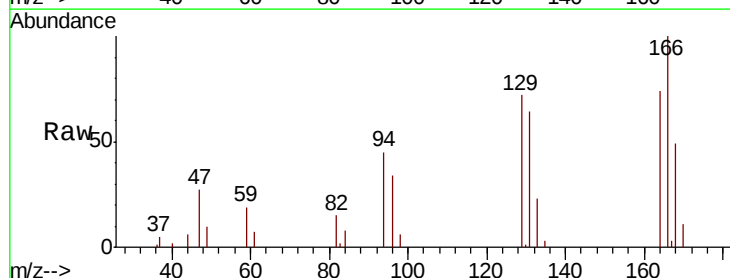
Abundance Ion 75.05 (74.75 to 75.75): VU038964.D (-1864) (-)
Ion 77.05 (76.75 to 77.75): VU038964.D (-1864) (-)



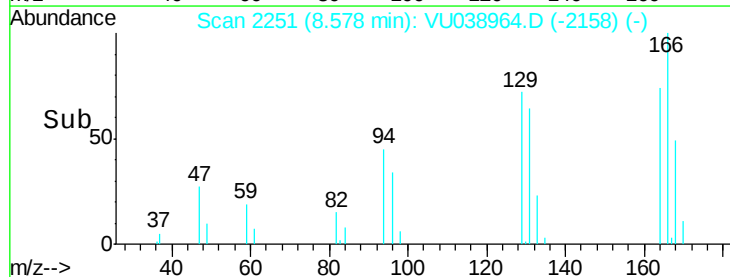
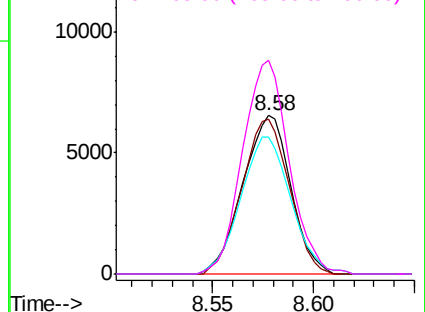
#47

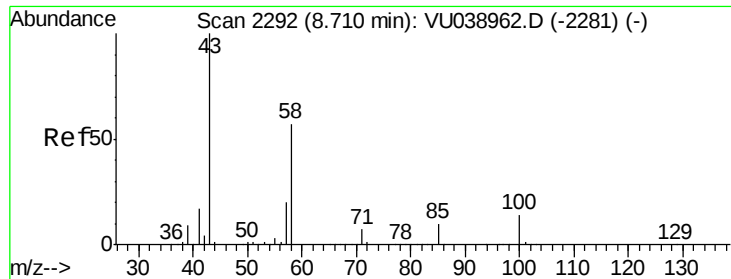
Tetrachloroethene
Concen: 0.644 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. 0.00 min
Lab File: VU038964.D
Acq: 18 Jun 2020 13:00

Tgt Ion:164 Resp: 10940
Ion Ratio Lower Upper
164 100
129 97.4 66.1 122.8
131 86.2 65.7 122.1
166 134.8 93.0 172.8



Abundance Ion 163.90 (163.60 to 164.60): VU038964.D (-2158) (-)
Ion 128.95 (128.65 to 129.65): VU038964.D (-2158) (-)
Ion 130.95 (130.65 to 131.65): VU038964.D (-2158) (-)
Ion 165.90 (165.60 to 166.60): VU038964.D (-2158) (-)

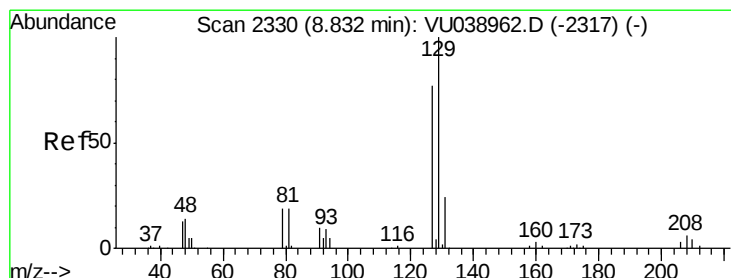
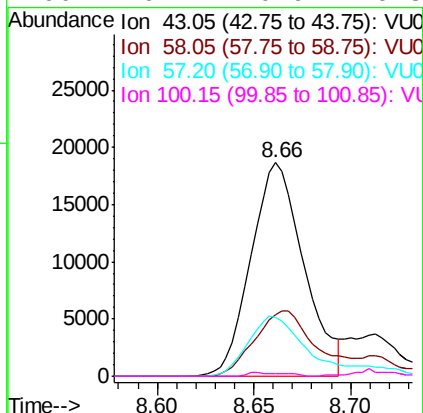
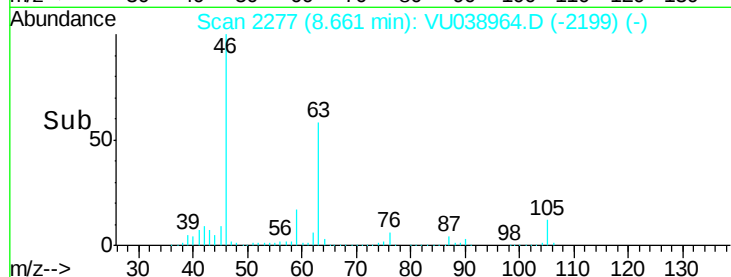
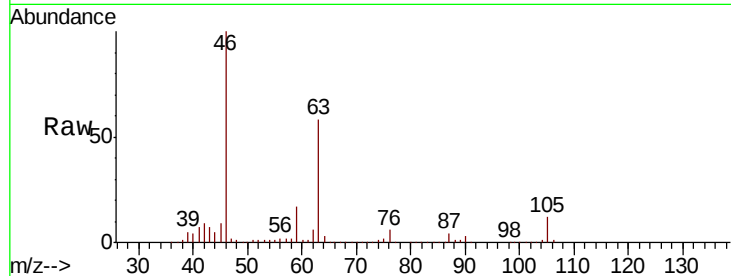




#48
2-Hexanone
Concen: 3.011 ug/L
RT: 8.66 min Scan# 2277
Delta R.T. -0.05 min
Lab File: VU038964.D
Acq: 18 Jun 2020 13:00

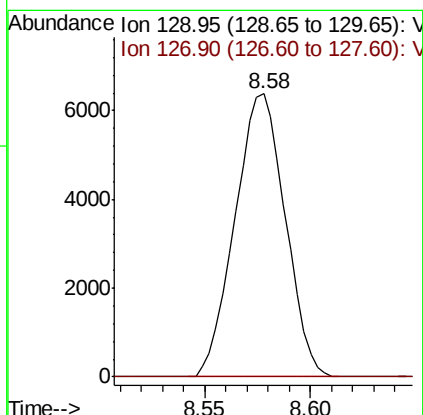
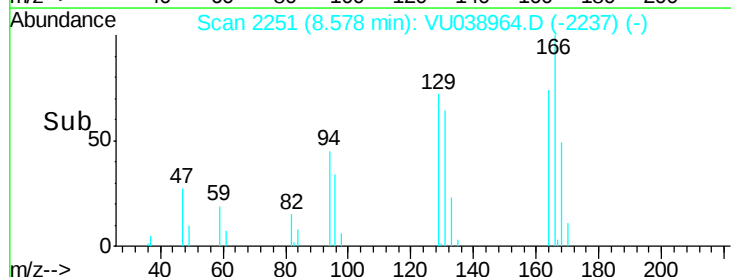
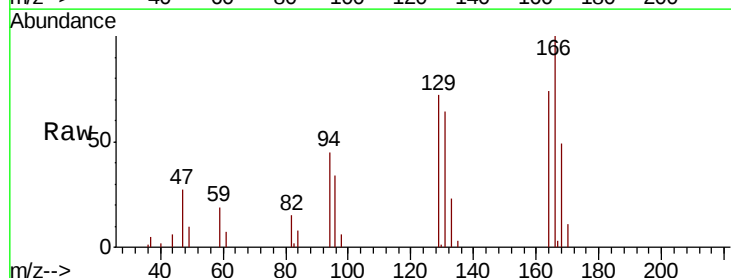
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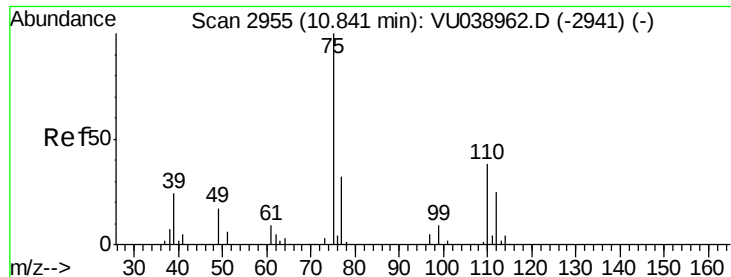
Tot Ion: 43 Resp: 35447
Ion Ratio Lower Upper
43 100
58 35.5 45.2 67.8#
57 29.9 16.1 24.1#
100 0.4 10.9 16.3#



#49
Dibromochloromethane
Concen: 0.526 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.25 min
Lab File: VU038964.D
Acq: 18 Jun 2020 13:00

Tgt Ion: 129 Resp: 10550
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#





#59

1,2,3-Trichloropropane

Concen: 1.016 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU038964.D

Acq: 18 Jun 2020 13:00

Instrument :

MSVOA_U

ClientSampleId :

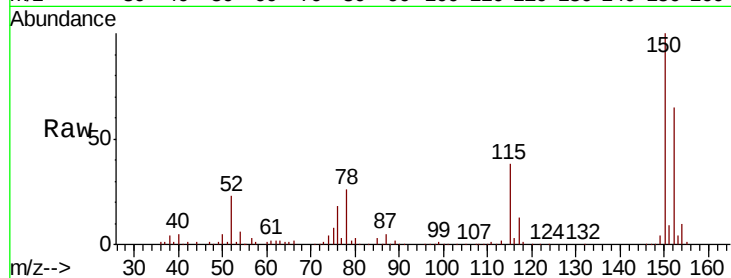
F9L35DL

Tot Ion: 75 Resp: 17674

Ion Ratio Lower Upper

75 100

77 37.1 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

