

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060220\
 Data File : VU038486.D
 Acq On : 02 Jun 2020 11:07
 Operator : JC/MD
 Sample : L2789-13DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 03 00:50:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 03 00:48:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	307186	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	297876	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140138	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	72820	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.93	69	69229	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.59	63	123707	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.69	46	386419	63.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.96%
24) Chloroform-d	5.10	84	193343	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.74	65	117461	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.76	84	368990	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.72	67	119637	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.92	98	299369	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.20	79	49167	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.66	63	327826	67.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.00%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112021	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	129576	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

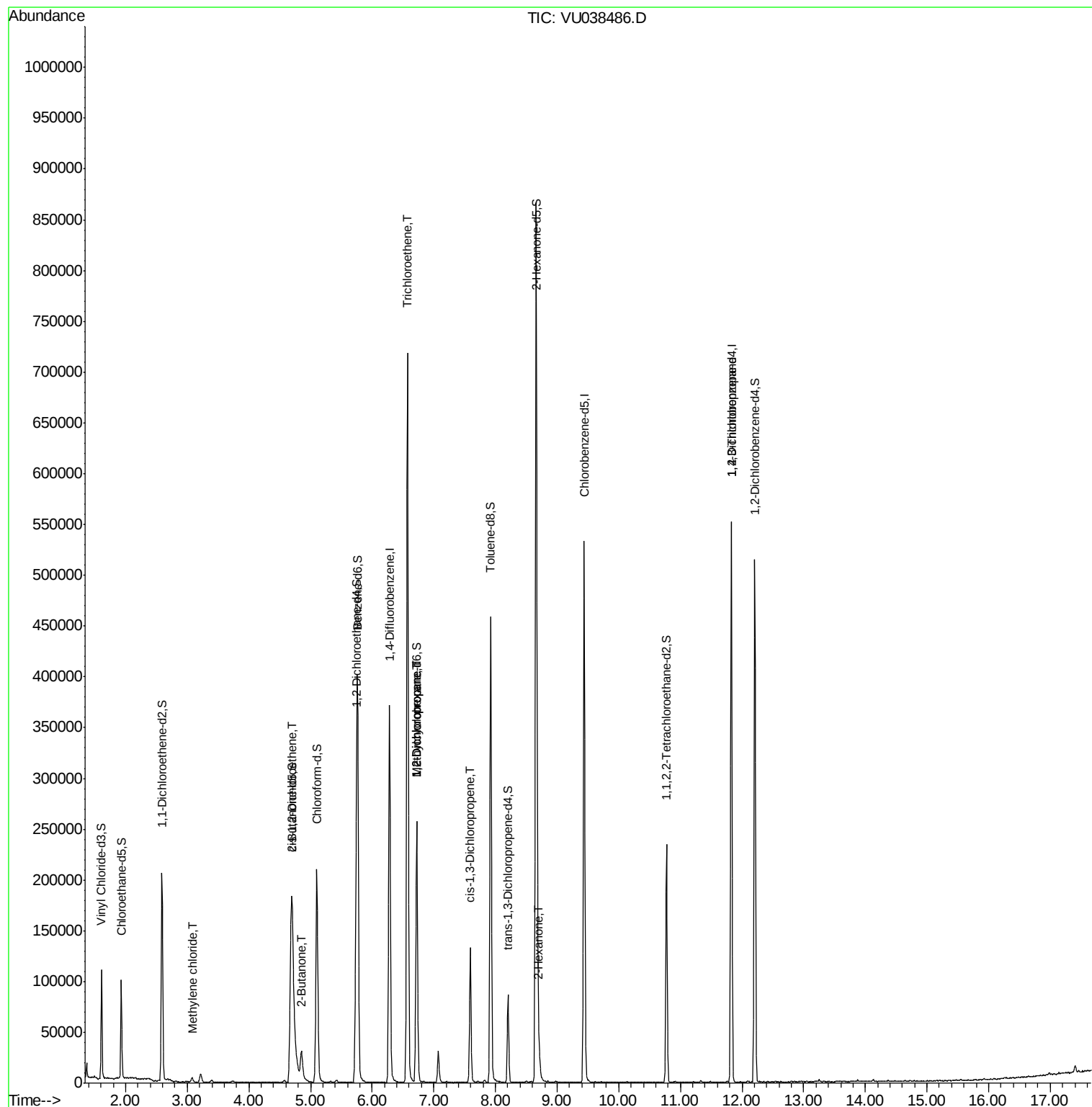
					Ovalue
16) Methylene chloride	3.07	84	2113	0.099 ug/L	82
21) 2-Butanone	4.85	43	41646	6.264 ug/L #	51
22) cis-1,2-Dichloroethene	4.71	96	20885	0.951 ug/L	98
34) Trichloroethene	6.57	95	247074	11.460 ug/L	98
35) Methylcyclohexane	6.72	83	28044	0.840 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13482	0.645 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3607	0.117 ug/L	85
48) 2-Hexanone	8.71	43	13306	1.175 ug/L #	94
59) 1,2,3-Trichloropropane	11.83	75	17478	1.120 ug/L	92

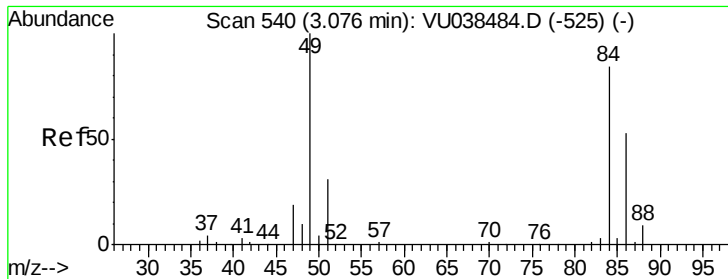
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU060220\
Data File : VU038486.D
Acq On : 02 Jun 2020 11:07
Operator : JC/MD
Sample : L2789-13DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 03 00:50:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 03 00:48:29 2020
Response via : Initial Calibration

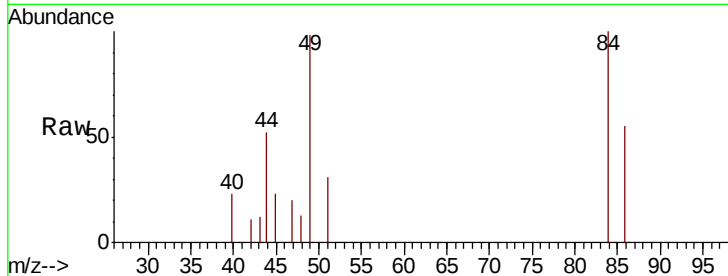




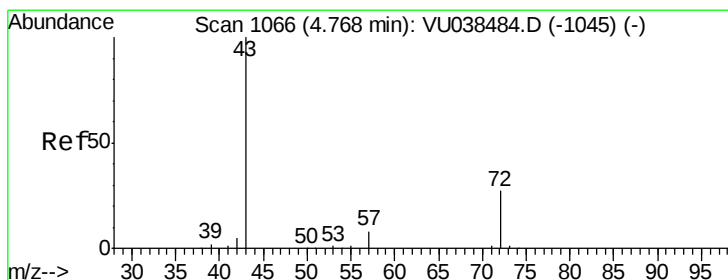
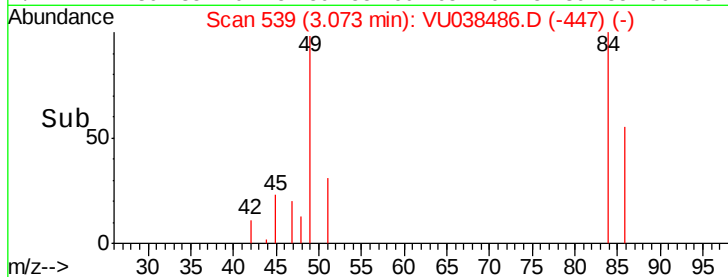
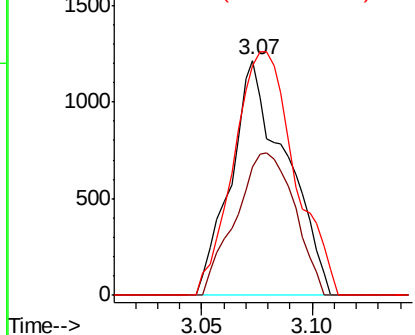
#16
Methvlene chloride
Concen: 0.099 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU038486.D
Acq: 02 Jun 2020 11:07

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 2113
Ion Ratio Lower Upper
84 100
86 54.9 45.0 83.6
49 97.6 85.5 158.9

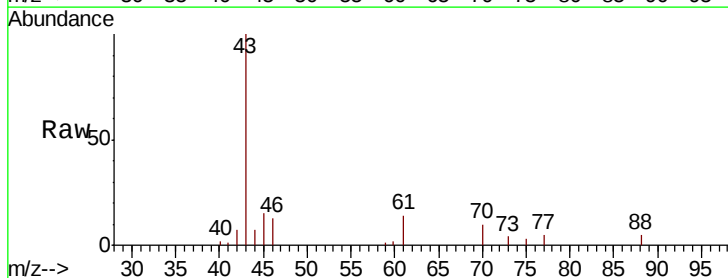


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

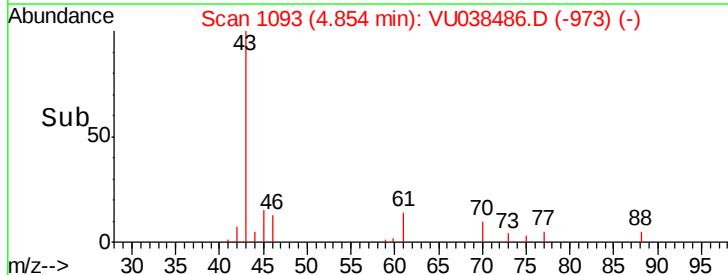
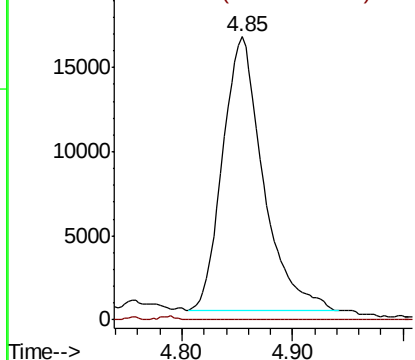


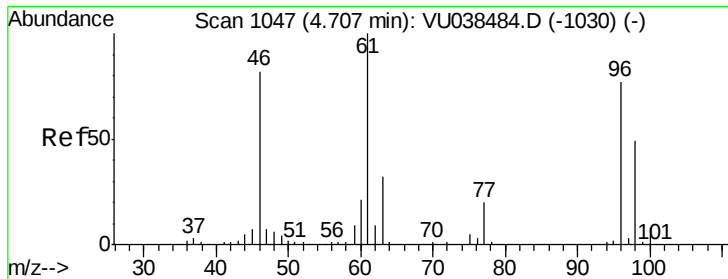
#21
2-Butanone
Concen: 6.264 ug/L
RT: 4.85 min Scan# 1093
Delta R.T. 0.09 min
Lab File: VU038486.D
Acq: 02 Jun 2020 11:07

Tgt Ion: 43 Resp: 41646
Ion Ratio Lower Upper
43 100
72 0.6 12.6 37.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0



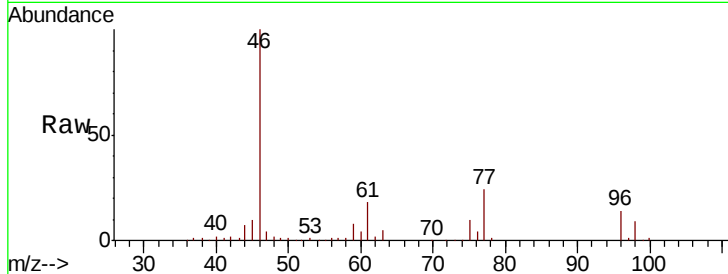


#22

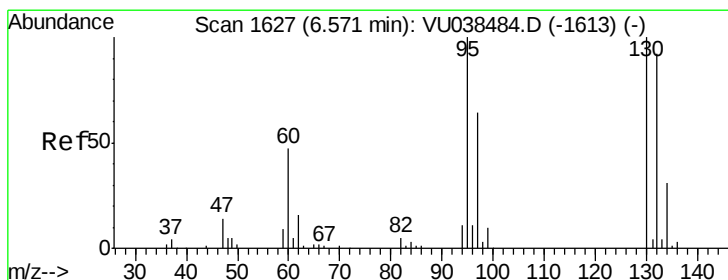
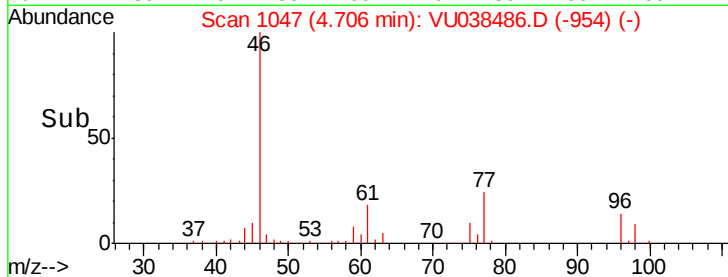
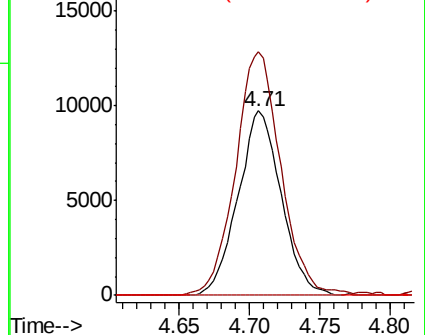
cis-1,2-Dichloroethene
Concen: 0.951 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU038486.D
Acq: 02 Jun 2020 11:07

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 20885
Ion Ratio Lower Upper
96 100
61 131.9 94.0 174.6
68 0.0 0.0 0.0



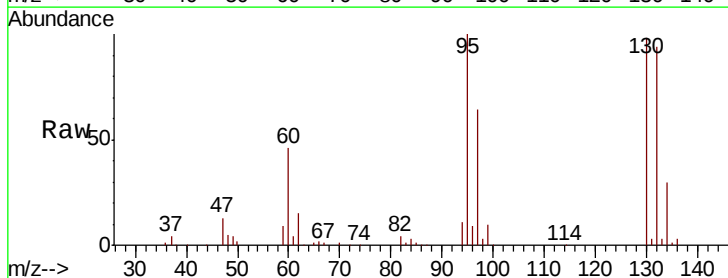
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



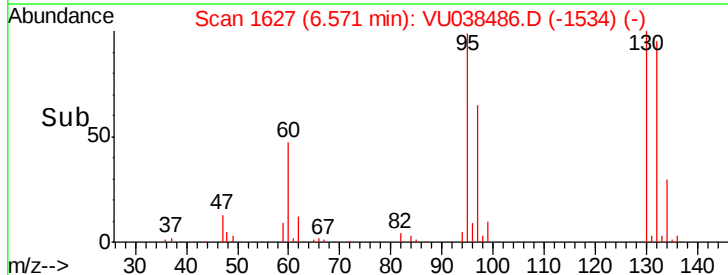
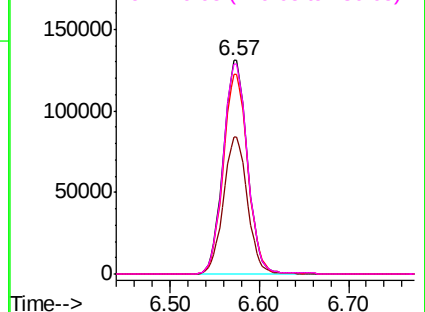
#34

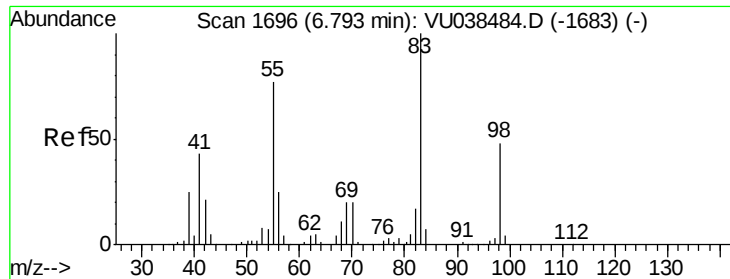
Trichloroethene
Concen: 11.460 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038486.D
Acq: 02 Jun 2020 11:07

Tgt Ion: 95 Resp: 247074
Ion Ratio Lower Upper
95 100
97 64.2 46.8 87.0
132 93.7 66.1 122.7
130 98.3 70.0 130.0



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): V
Ion 129.95 (129.65 to 130.65): V

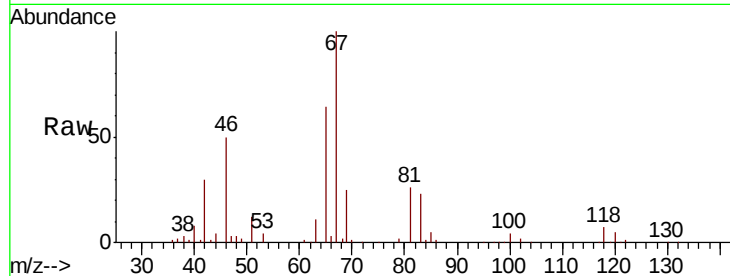




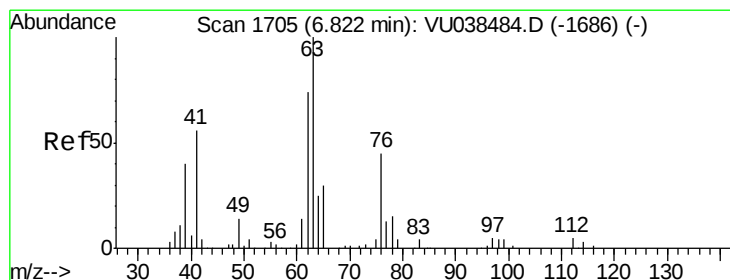
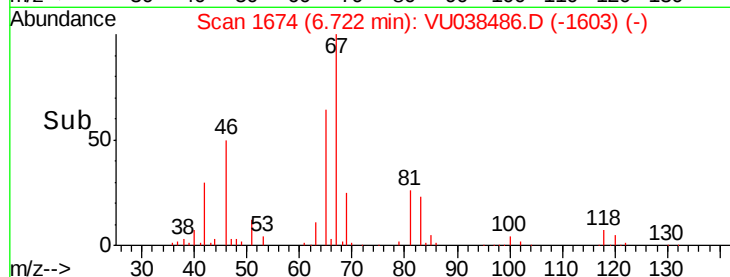
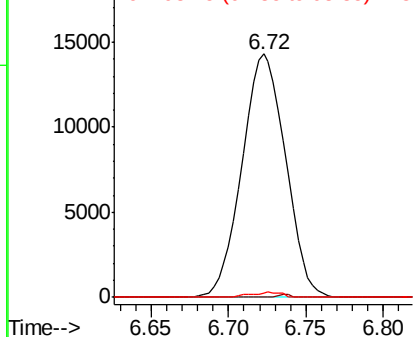
#35
Methvlcvclohexane
Concen: 0.840 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038486.D
Acq: 02 Jun 2020 11:07

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 28044
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 1.5 39.0 58.4#

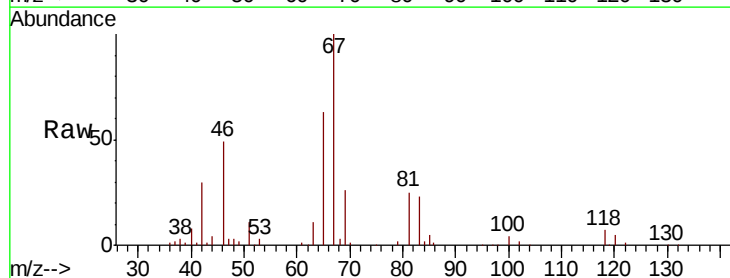


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

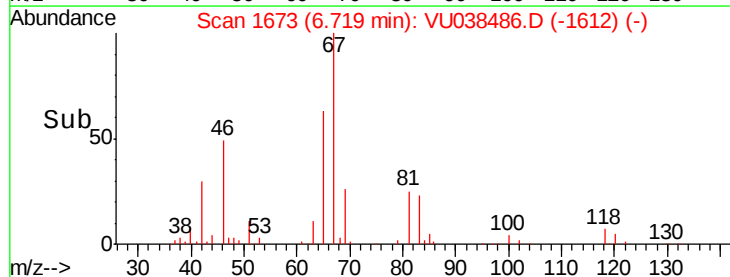
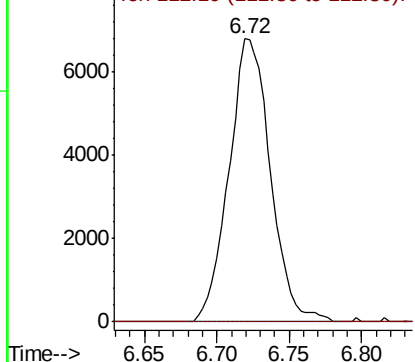


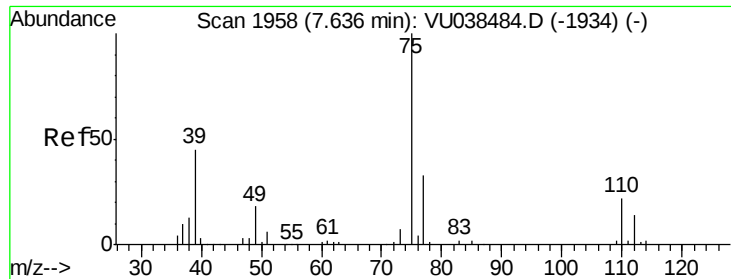
#37
1,2-Dichloropropane
Concen: 0.645 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038486.D
Acq: 02 Jun 2020 11:07

Tgt Ion: 63 Resp: 13482
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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

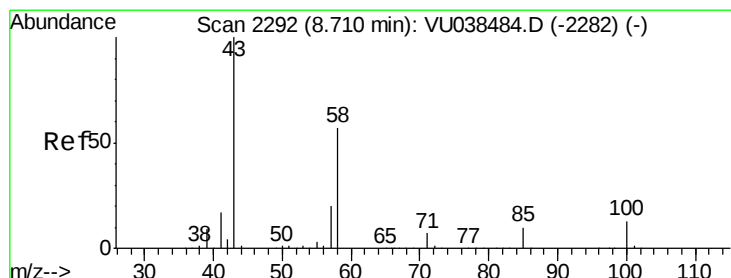
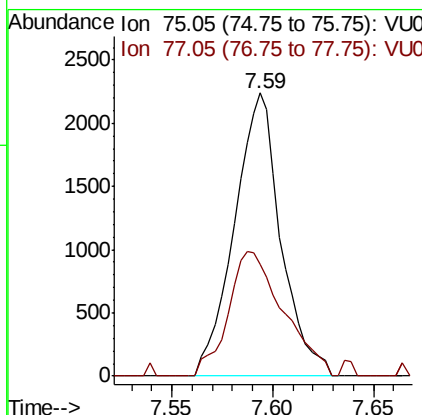
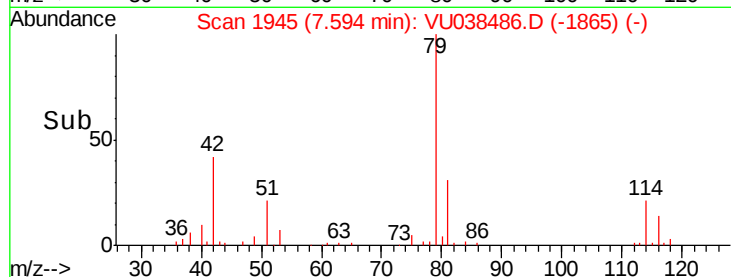
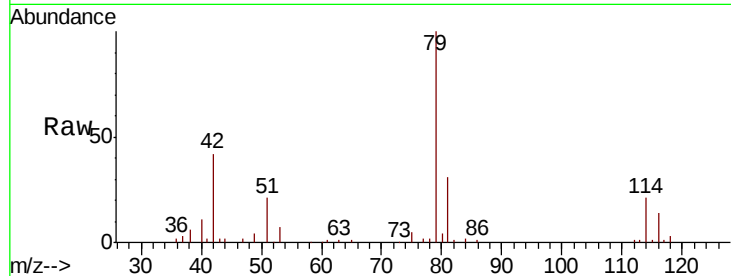




#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038486.D
 Acq: 02 Jun 2020 11:07

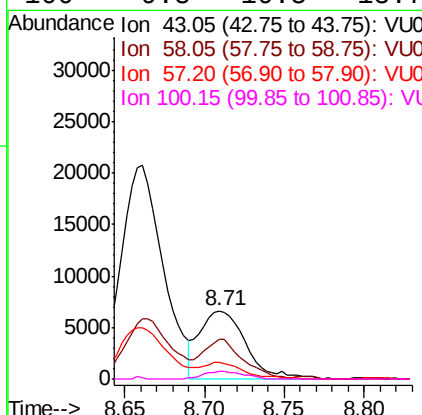
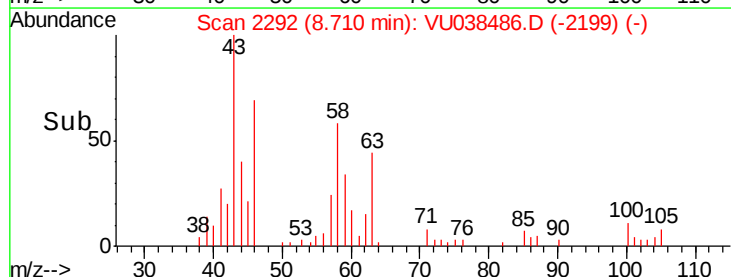
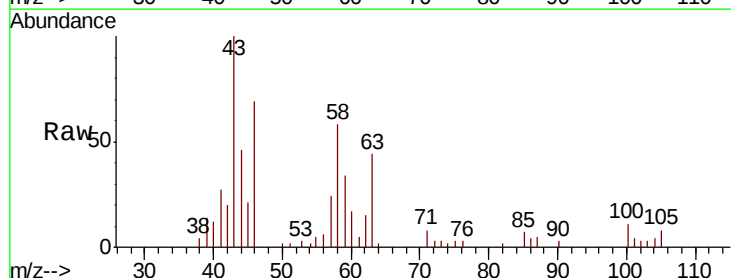
Instrument :
 MSVOA_U
 ClientSampled :

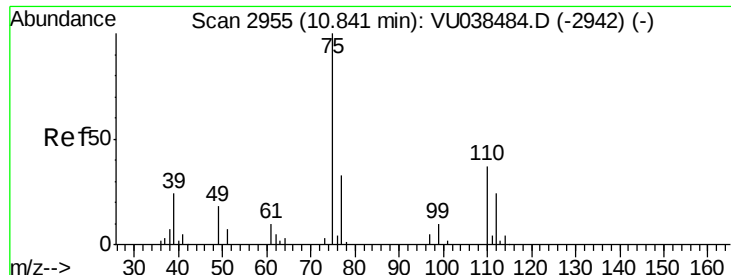
Tot Ion: 75 Resp: 3607
 Ion Ratio Lower Upper
 75 100
 77 39.6 21.9 40.7



#48
 2-Hexanone
 Concen: 1.175 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: VU038486.D
 Acq: 02 Jun 2020 11:07

Tgt Ion: 43 Resp: 13306
 Ion Ratio Lower Upper
 43 100
 58 52.0 45.4 68.0
 57 21.9 15.9 23.9
 100 9.8 10.5 15.7#





#59

1,2,3-Trichloropropane

Concen: 1.120 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038486.D

Acq: 02 Jun 2020 11:07

Instrument :

MSVOA_U

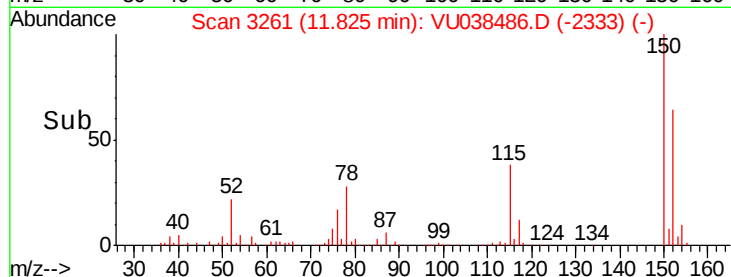
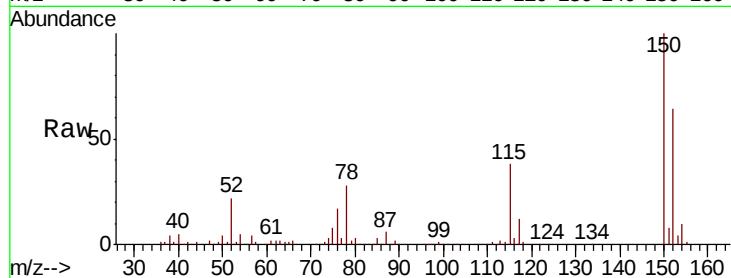
ClientSampleId :

Tot Ion: 75 Resp: 17478

Ion Ratio Lower Upper

75 100

77 36.4 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

