

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039158.D
 Acq On : 26 Jun 2020 12:15
 Operator : SY/MD
 Sample : L3121-02DL 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F01DL

Quant Time: Jun 26 23:54:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 23:52:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	247354	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	245805	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	106892	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66080	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.93	69	68359	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.59	63	105796	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.68	46	392301	60.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.02%
24) Chloroform-d	5.10	84	174552	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.74	65	112538	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.76	84	325012	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.72	67	112156	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.92	98	247189	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.20	79	47051	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.66	63	287928	56.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.08%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108344	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	107140	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

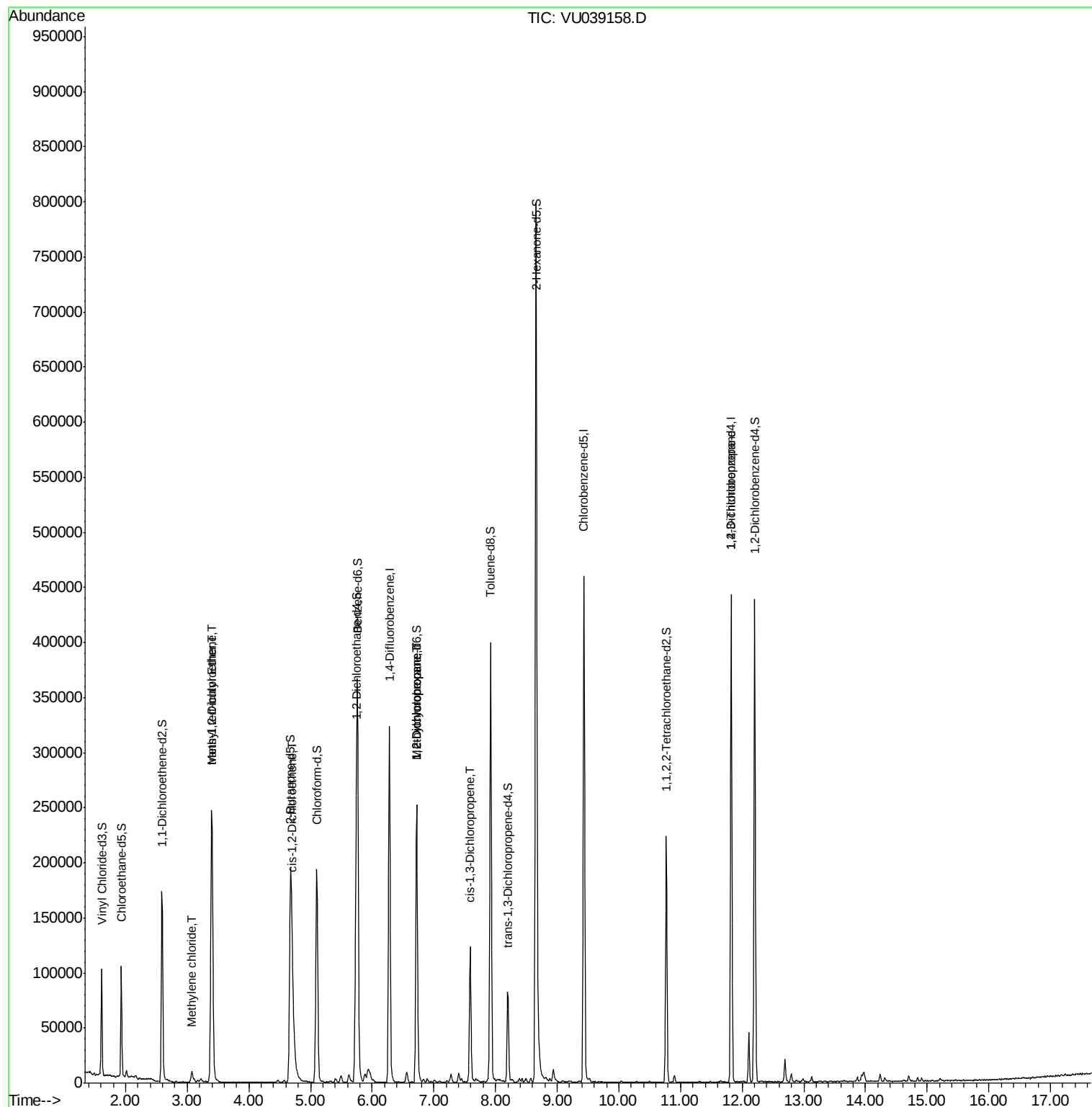
					Ovalue
16) Methylene chloride	3.08	84	3505	0.166 ug/L	90
17) Methyl tert-butyl Ether	3.40	73	251504	5.157 ug/L	95
18) trans-1,2-Dichloroethene	3.39	96	3163	0.173 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	3364	0.170 ug/L	87
35) Methylcyclohexane	6.72	83	26761	0.965 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13317	0.636 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3253	0.112 ug/L	87
59) 1,2,3-Trichloropropane	11.82	75	14700	0.932 ug/L	89

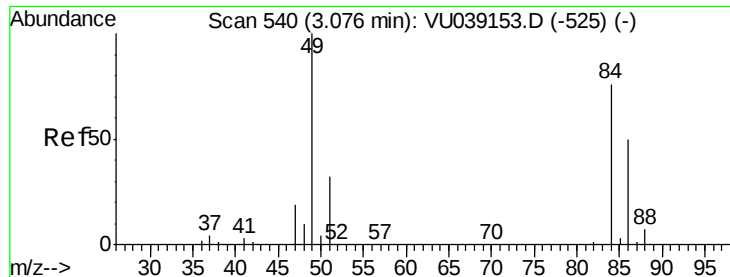
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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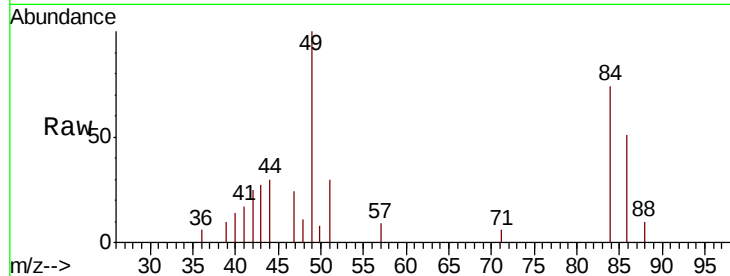




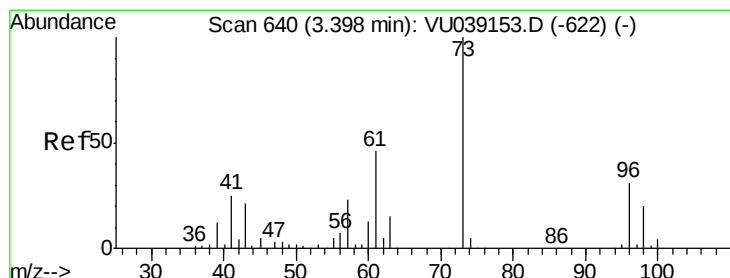
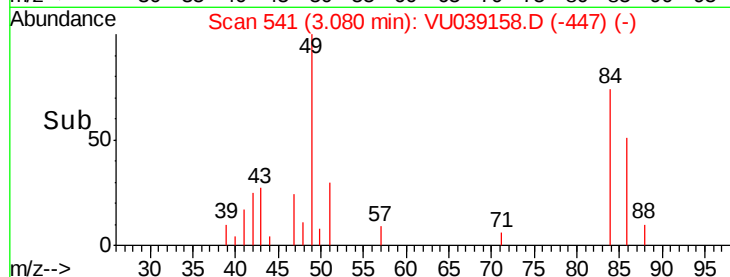
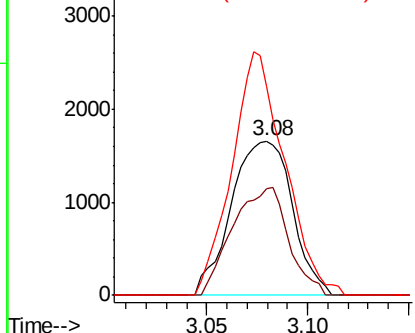
#16
Methylene chloride
Concen: 0.166 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU039158.D
Acq: 26 Jun 2020 12:15

Instrument :
MSVOA_U
ClientSampleId :
F9F01DL

Tot Ion: 84 Resp: 3505
Ion Ratio Lower Upper
84 100
86 69.4 44.1 81.9
49 145.5 93.1 172.9

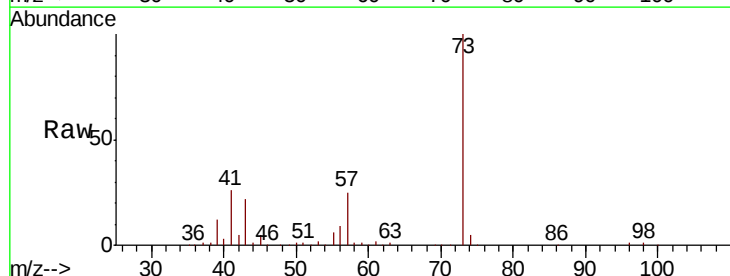


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

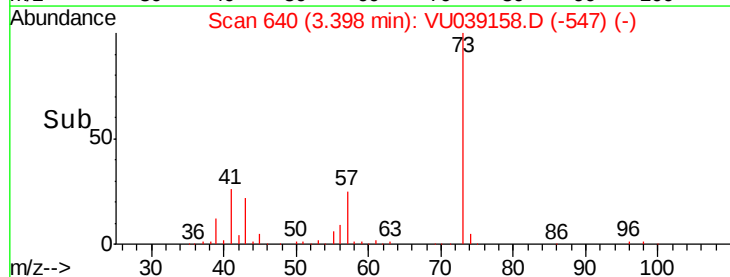
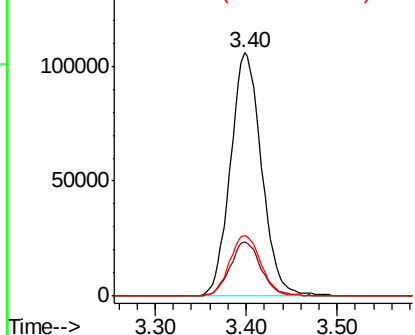


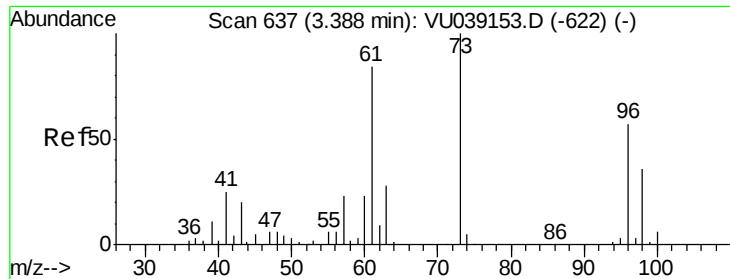
#17
Methyl tert-butyl Ether
Concen: 5.157 ug/L
RT: 3.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: VU039158.D
Acq: 26 Jun 2020 12:15

Tgt Ion: 73 Resp: 251504
Ion Ratio Lower Upper
73 100
43 22.4 16.6 24.8
57 25.4 18.2 27.4



Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

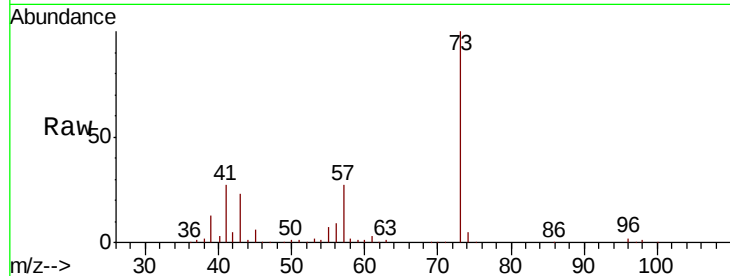




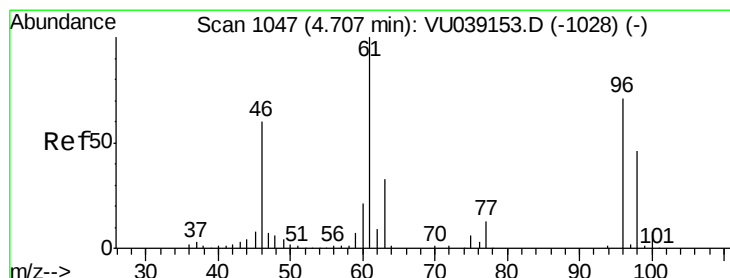
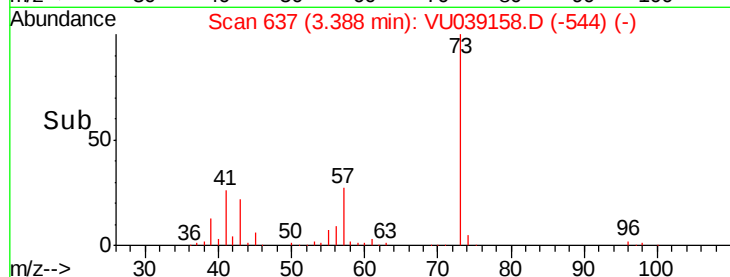
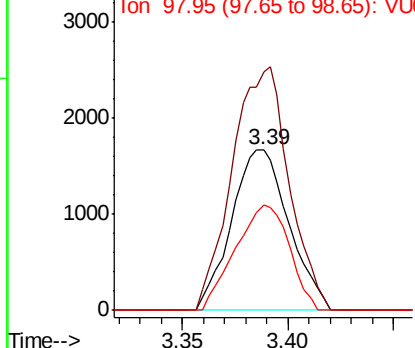
#18
trans-1,2-Dichloroethene
Concen: 0.173 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU039158.D
Acq: 26 Jun 2020 12:15

Instrument :
MSVOA_U
ClientSampleId :
F9F01DL

Tot Ion: 96 Resp: 3163
Ion Ratio Lower Upper
96 100
61 148.3 103.5 192.3
98 65.7 44.9 83.5

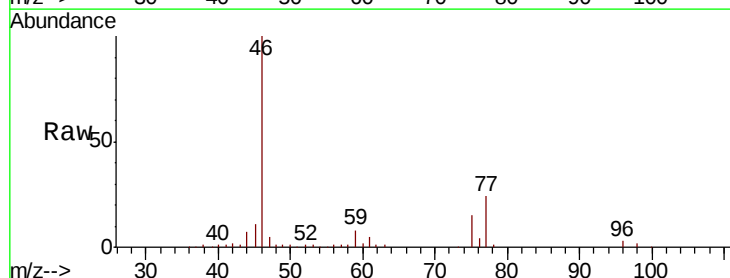


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

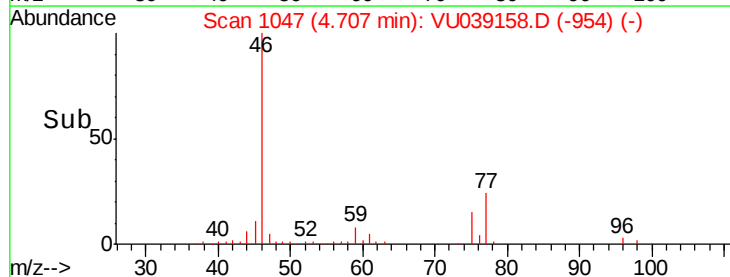
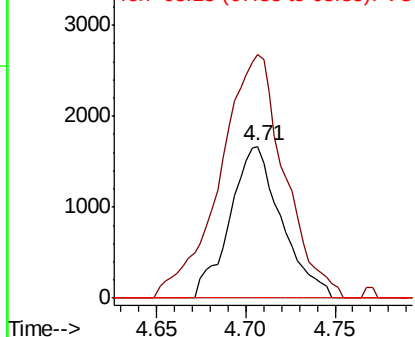


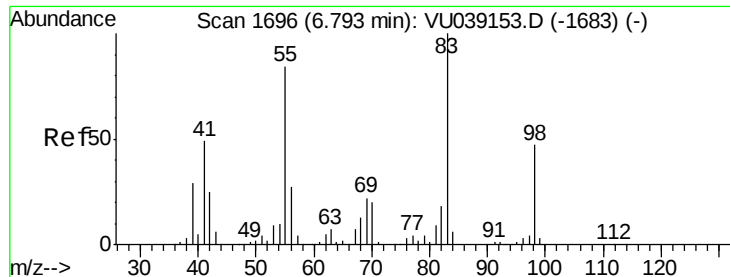
#22
cis-1,2-Dichloroethene
Concen: 0.170 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU039158.D
Acq: 26 Jun 2020 12:15

Tgt Ion: 96 Resp: 3364
Ion Ratio Lower Upper
96 100
61 160.2 100.8 187.2
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

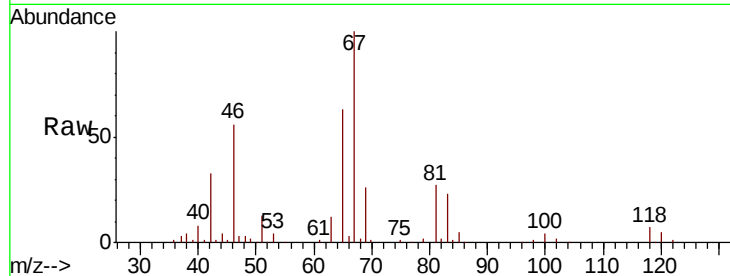




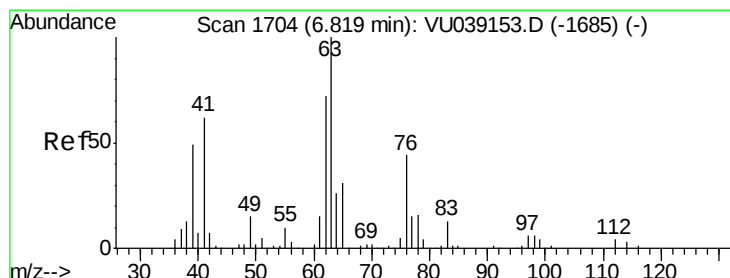
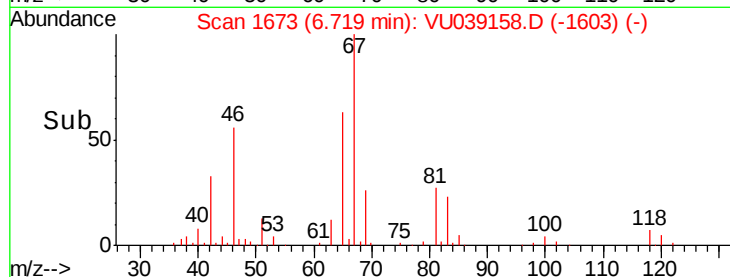
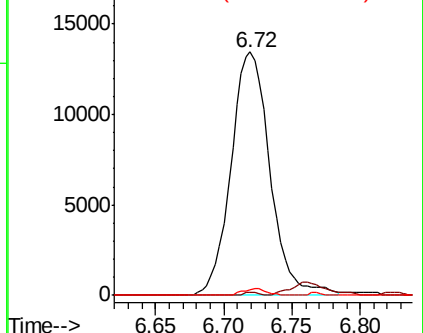
#35
Methvlcvclohexane
Concen: 0.965 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039158.D
Acq: 26 Jun 2020 12:15

Instrument :
MSVOA_U
ClientSampleId :
F9F01DL

Tot Ion: 83 Resp: 26761
Ion Ratio Lower Upper
83 100
55 0.4 65.5 98.3#
98 1.7 36.5 54.7#

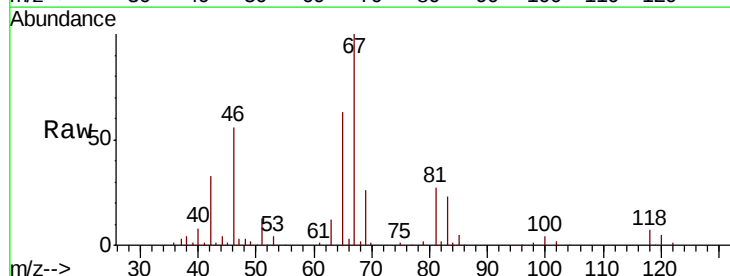


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

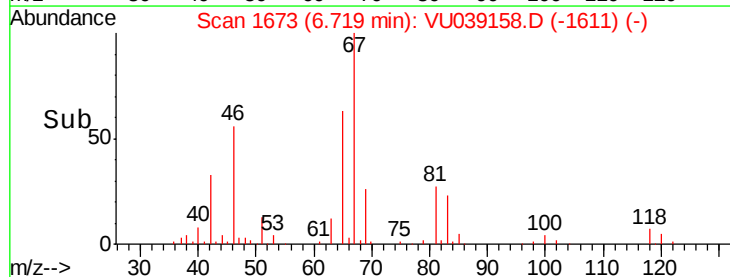
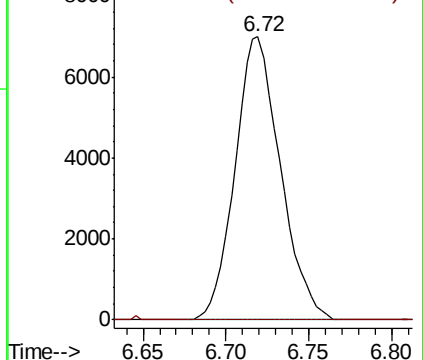


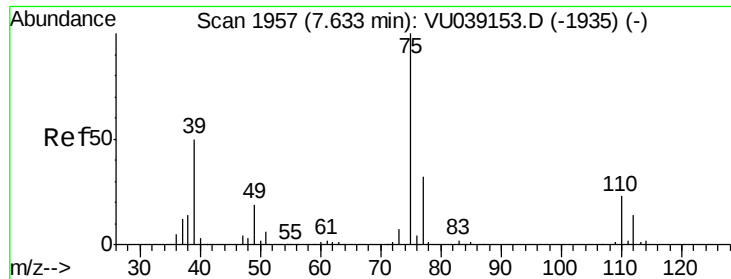
#37
1,2-Dichloropropane
Concen: 0.636 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039158.D
Acq: 26 Jun 2020 12:15

Tgt Ion: 63 Resp: 13317
Ion Ratio Lower Upper
63 100
112 0.1 3.4 5.2#



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

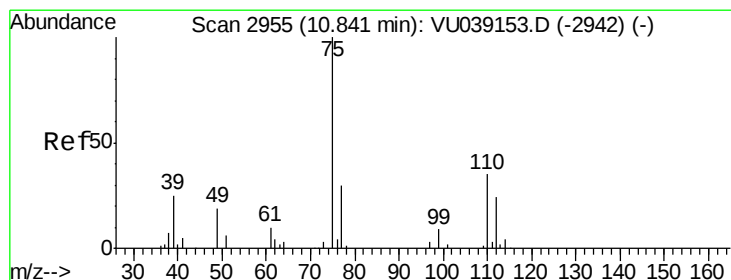
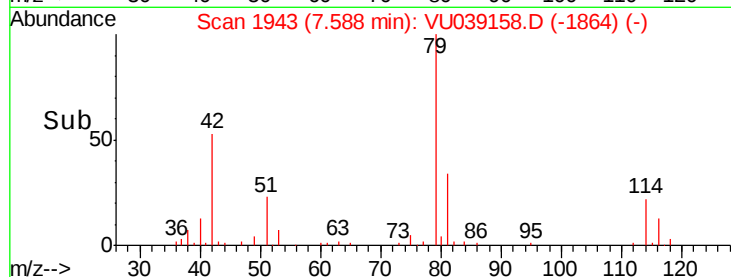
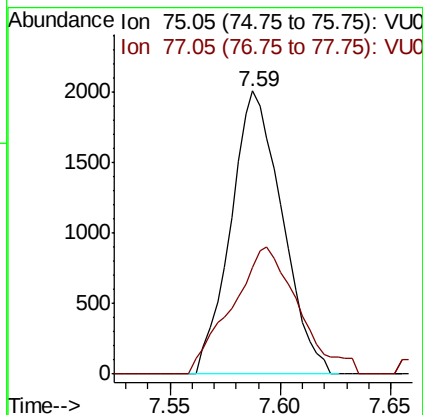
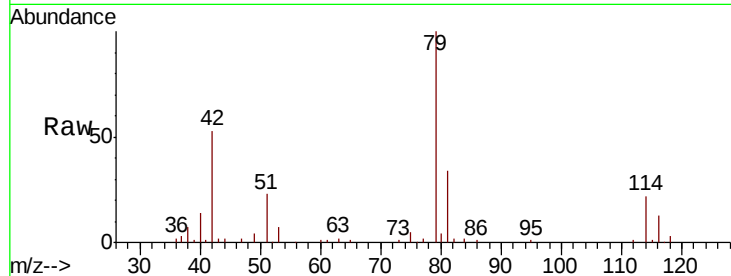




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU039158.D
 Acq: 26 Jun 2020 12:15

Instrument :
 MSVOA_U
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 F9F01DL

Tot Ion: 75 Resp: 3253
 Ion Ratio Lower Upper
 75 100
 77 37.7 21.6 40.0



#59
 1,2,3-Trichloropropane
 Concen: 0.932 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU039158.D
 Acq: 26 Jun 2020 12:15

Tgt Ion: 75 Resp: 14700
 Ion Ratio Lower Upper
 75 100
 77 38.9 26.2 39.2

