

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U080820\
 Data File : VU039818.D
 Acq On : 08 Aug 2020 18:05
 Operator : SY/MD
 Sample : L3591-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 01:21:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 10 01:16:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69602	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	71453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33450	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22330	5.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.80%
7) Chloroethane-d5	1.92	69	18350	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.58	63	32591	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.67	46	68786	41.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.22%
24) Chloroform-d	5.08	84	39224	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.72	65	24241	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.75	84	80887	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.70	67	25048	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.91	98	66624	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.19	79	8437	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.65	63	45940	38.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.06%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21546	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	27619	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

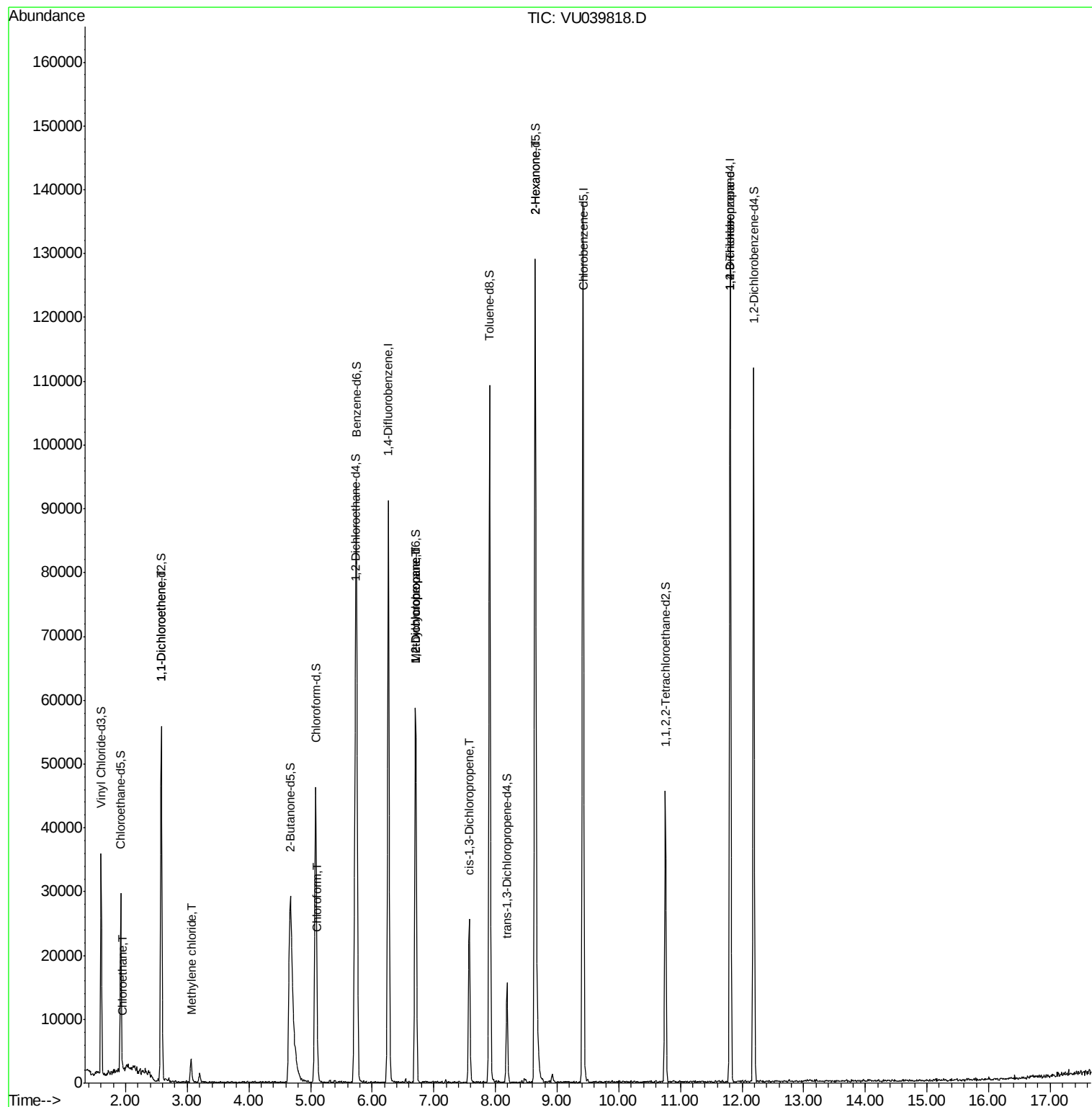
					Ovalue
8) Chloroethane	1.95	64	588	0.142 ug/L #	43
12) 1,1-Dichloroethene	2.58	96	333	0.080 ug/L #	1
16) Methylene chloride	3.06	84	1296	0.194 ug/L	88
25) Chloroform	5.11	83	2325	0.253 ug/L	96
35) Methylcyclohexane	6.70	83	5933	0.735 ug/L #	19
37) 1,2-Dichloropropane	6.71	63	3183	0.616 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	581	0.082 ug/L #	65
48) 2-Hexanone	8.65	43	6288	2.254 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	4345	1.165 ug/L	90

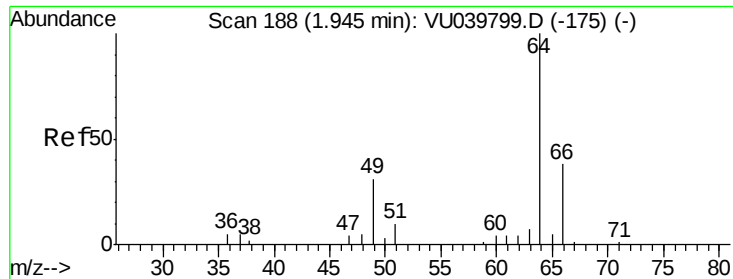
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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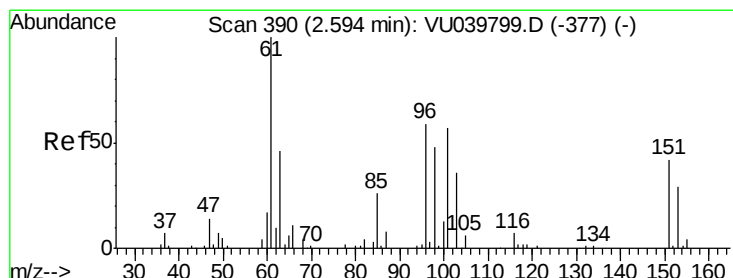
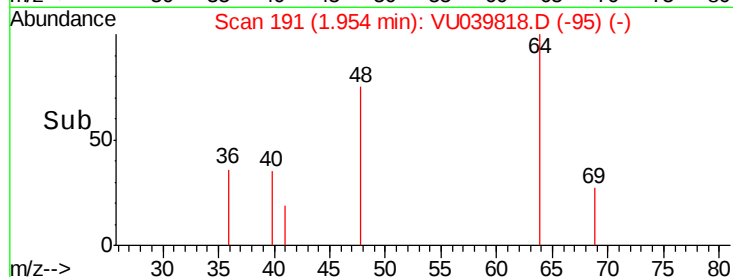
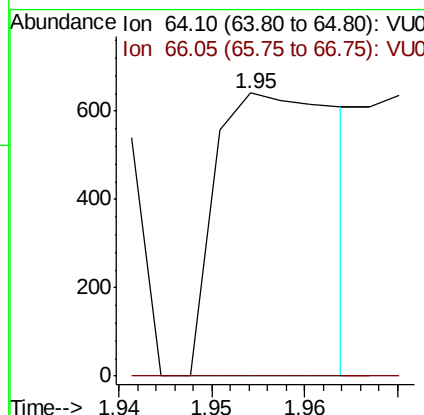
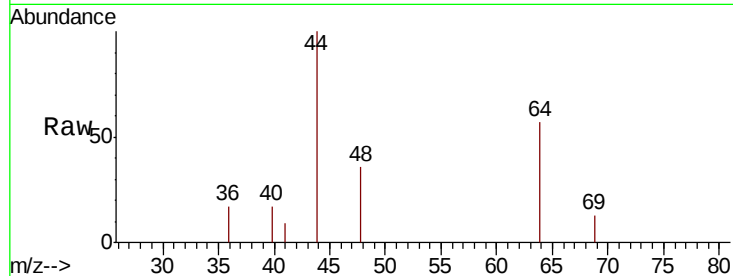




#8
 Chloroethane
 Concen: 0.142 ug/L
 RT: 1.95 min Scan# 191
 Delta R.T. 0.01 min
 Lab File: VU039818.D
 Acq: 08 Aug 2020 18:05

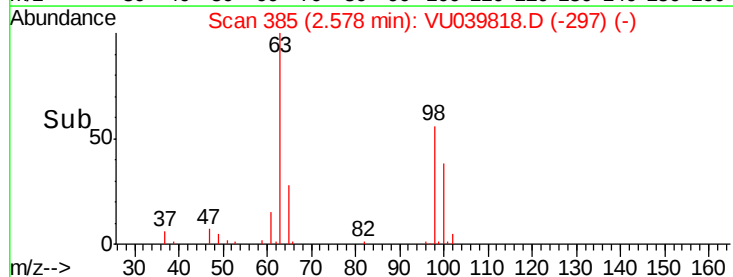
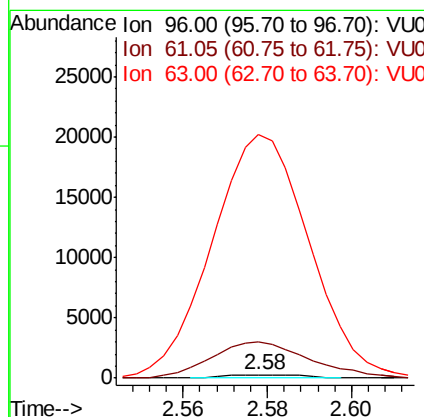
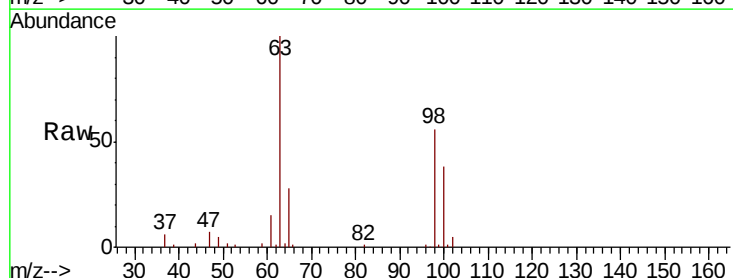
Instrument :
 MSVOA_U
 ClientSampleId :

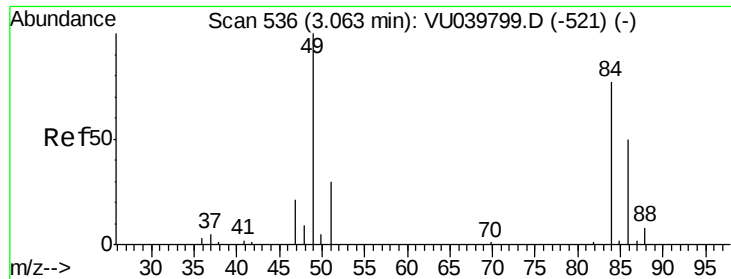
Tot Ion: 64 Resp: 588
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.3 41.3#



#12
 1,1-Dichloroethene
 Concen: 0.080 ug/L
 RT: 2.58 min Scan# 385
 Delta R.T. -0.02 min
 Lab File: VU039818.D
 Acq: 08 Aug 2020 18:05

Tgt Ion: 96 Resp: 333
 Ion Ratio Lower Upper
 96 100
 61 1106.9 121.7 225.9#
 63 7375.2 82.1 152.5#

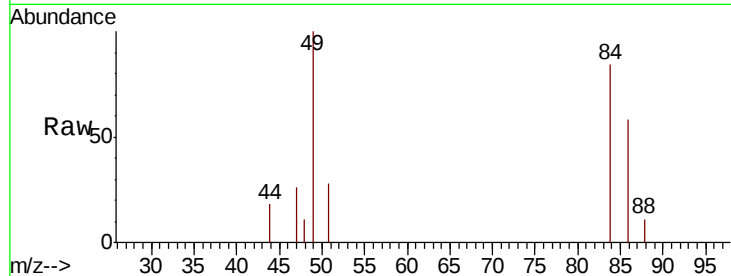




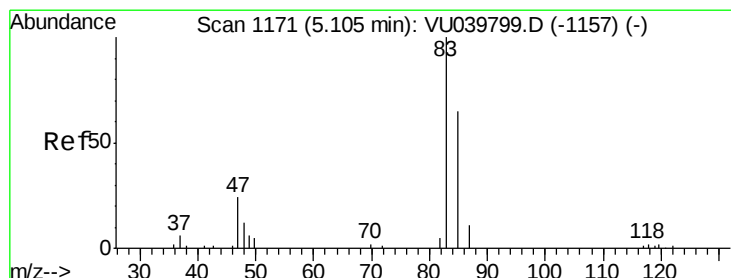
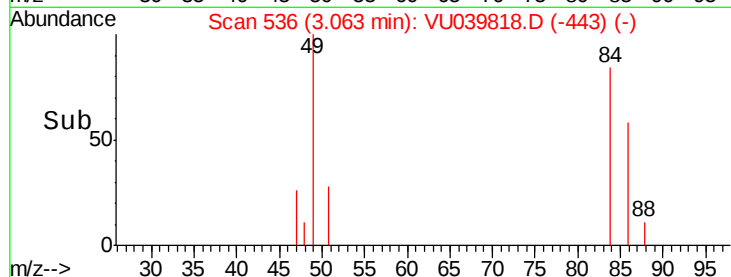
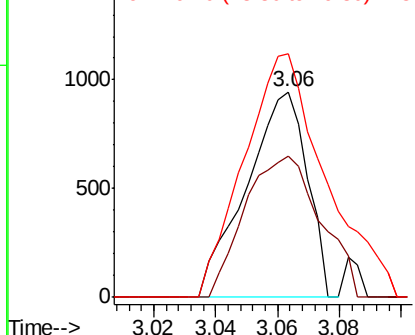
#16
Methvlene chloride
Concen: 0.194 ug/L
RT: 3.06 min Scan# 536
Delta R.T. -0.00 min
Lab File: VU039818.D
Acq: 08 Aug 2020 18:05

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 1296
Ion Ratio Lower Upper
84 100
86 69.0 43.9 81.5
49 118.5 94.4 175.4

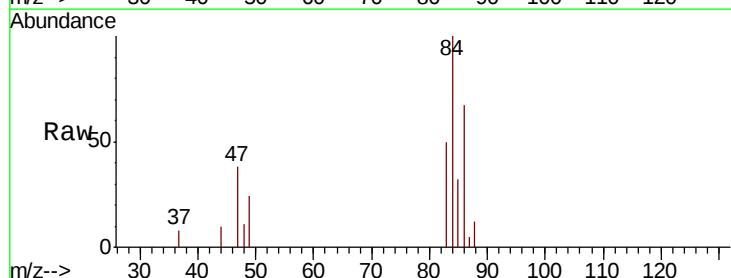


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

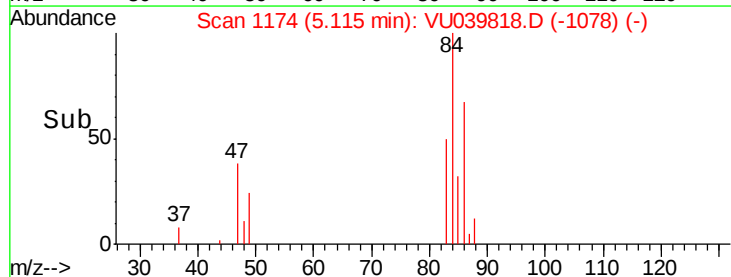
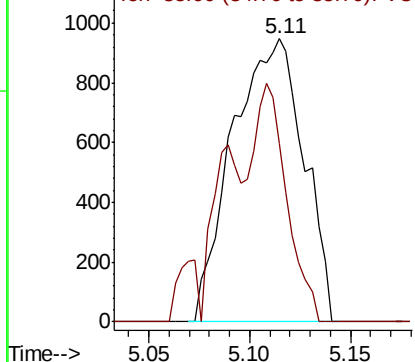


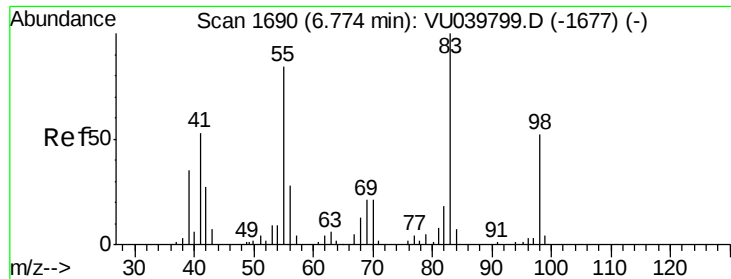
#25
Chloroform
Concen: 0.253 ug/L
RT: 5.11 min Scan# 1174
Delta R.T. 0.01 min
Lab File: VU039818.D
Acq: 08 Aug 2020 18:05

Tgt Ion: 83 Resp: 2325
Ion Ratio Lower Upper
83 100
85 63.3 42.1 78.3



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

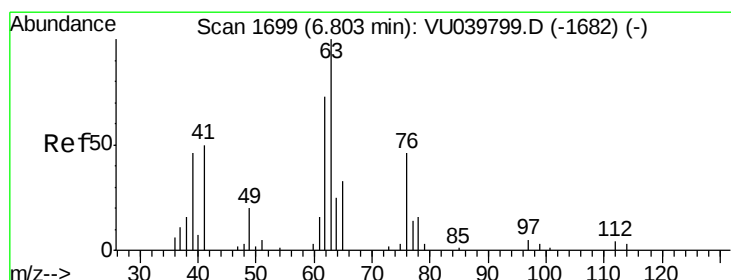
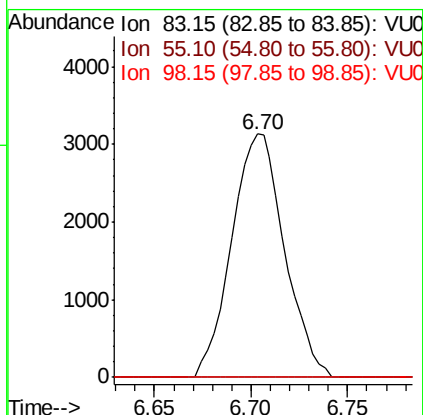
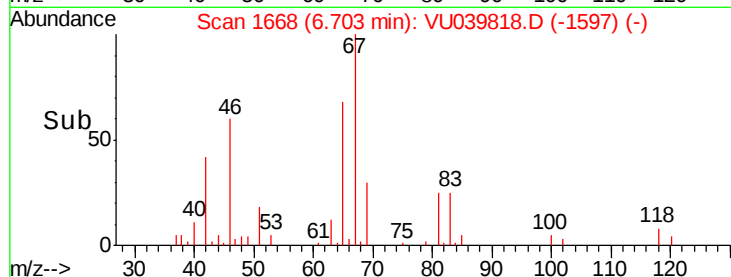
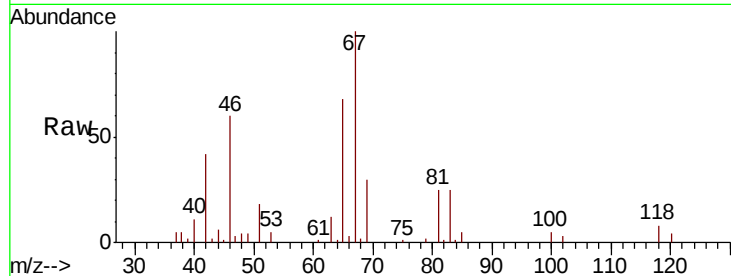




#35
Methvlcvclohexane
Concen: 0.735 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039818.D
Acq: 08 Aug 2020 18:05

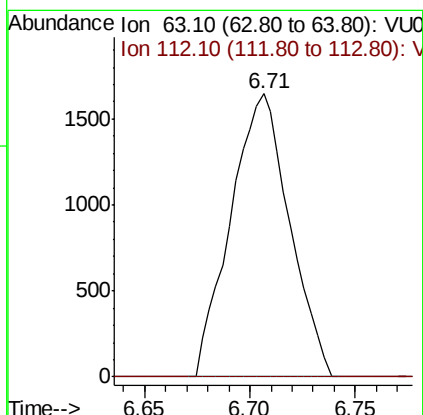
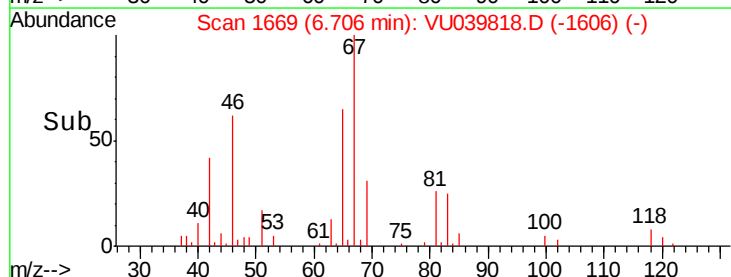
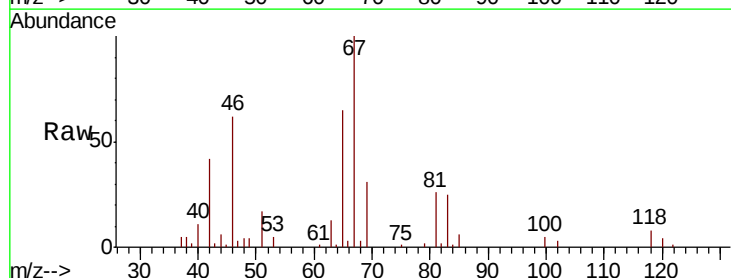
Instrument :
MSVOA_U
ClientSampleId :

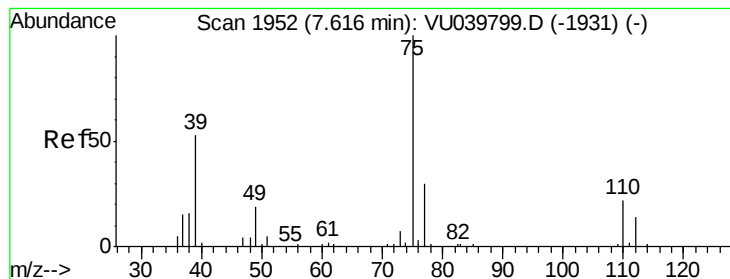
Tot Ion: 83 Resp: 5933
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.3 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.616 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039818.D
Acq: 08 Aug 2020 18:05

Tgt Ion: 63 Resp: 3183
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



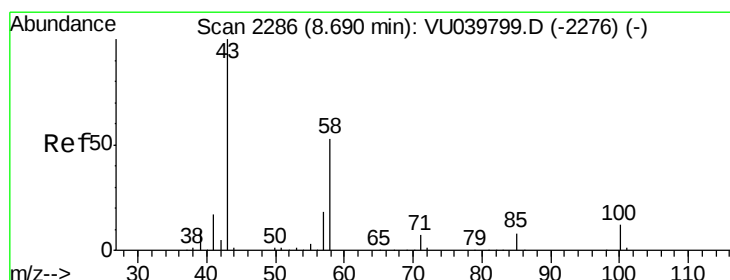
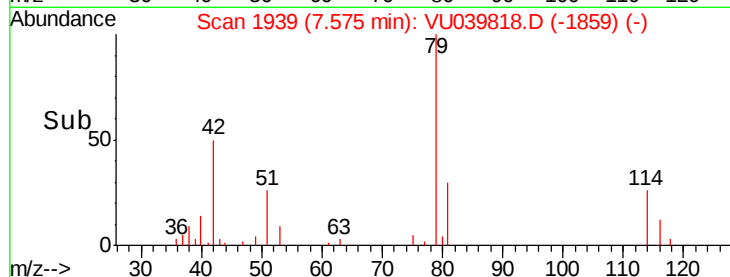
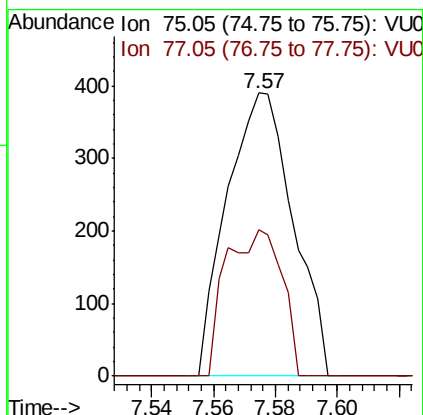
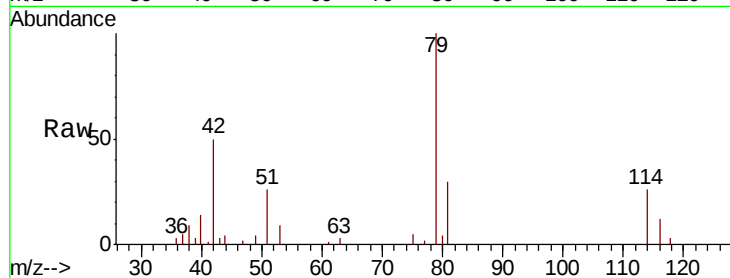


#39

cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039818.D
 Acq: 08 Aug 2020 18:05

Instrument :
 MSVOA_U
 ClientSampleId :

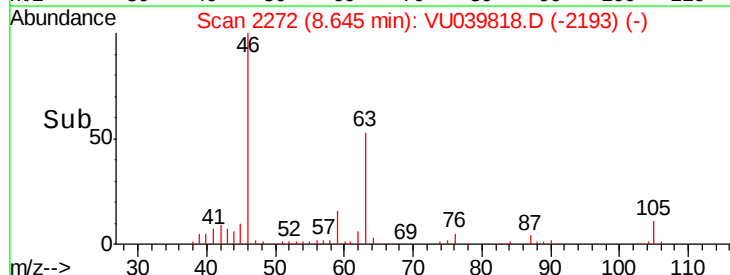
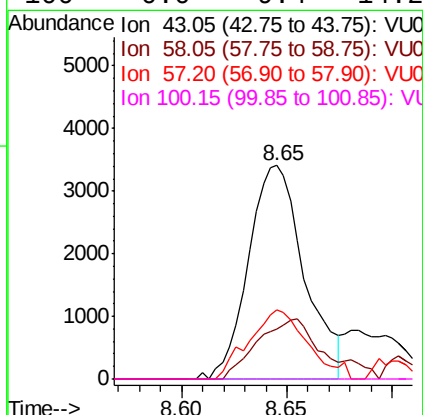
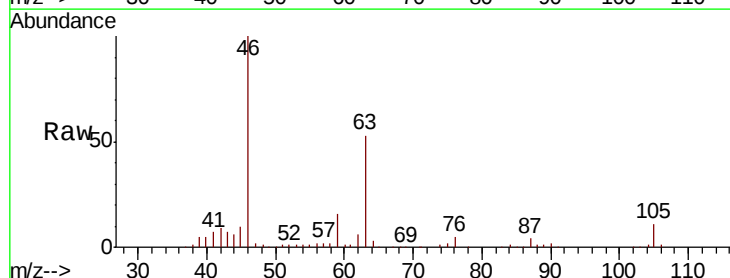
Tot Ion: 75 Resp: 581
 Ion Ratio Lower Upper
 75 100
 77 51.5 22.4 41.6#

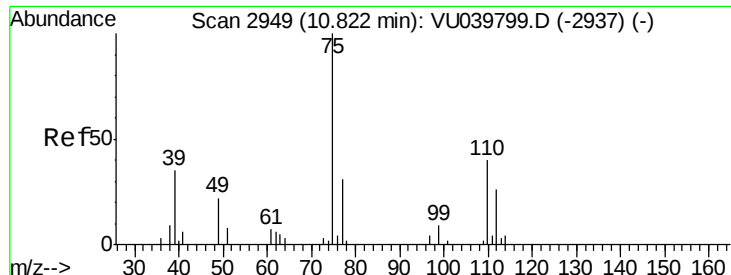


#48

2-Hexanone
 Concen: 2.254 ug/L
 RT: 8.65 min Scan# 2272
 Delta R.T. -0.05 min
 Lab File: VU039818.D
 Acq: 08 Aug 2020 18:05

Tgt Ion: 43 Resp: 6288
 Ion Ratio Lower Upper
 43 100
 58 33.4 41.8 62.8#
 57 33.8 14.2 21.4#
 100 0.0 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 1.165 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039818.D

Acq: 08 Aug 2020 18:05

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 4345

Ion Ratio Lower Upper

75 100

77 36.5 24.6 37.0

