

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039118.D
 Acq On : 25 Jun 2020 16:01
 Operator : SY/MD
 Sample : L3110-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F20DL

Quant Time: Jun 26 01:02:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	256327	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	257589	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	117593	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88880	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.93	69	78475	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.58	63	139435	3.87	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.68	46	431151	63.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.30%
24) Chloroform-d	5.10	84	194554	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.74	65	123551	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.76	84	371989	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.72	67	125496	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.92	98	290827	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.20	79	50706	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.66	63	327485	60.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	118841	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	119902	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

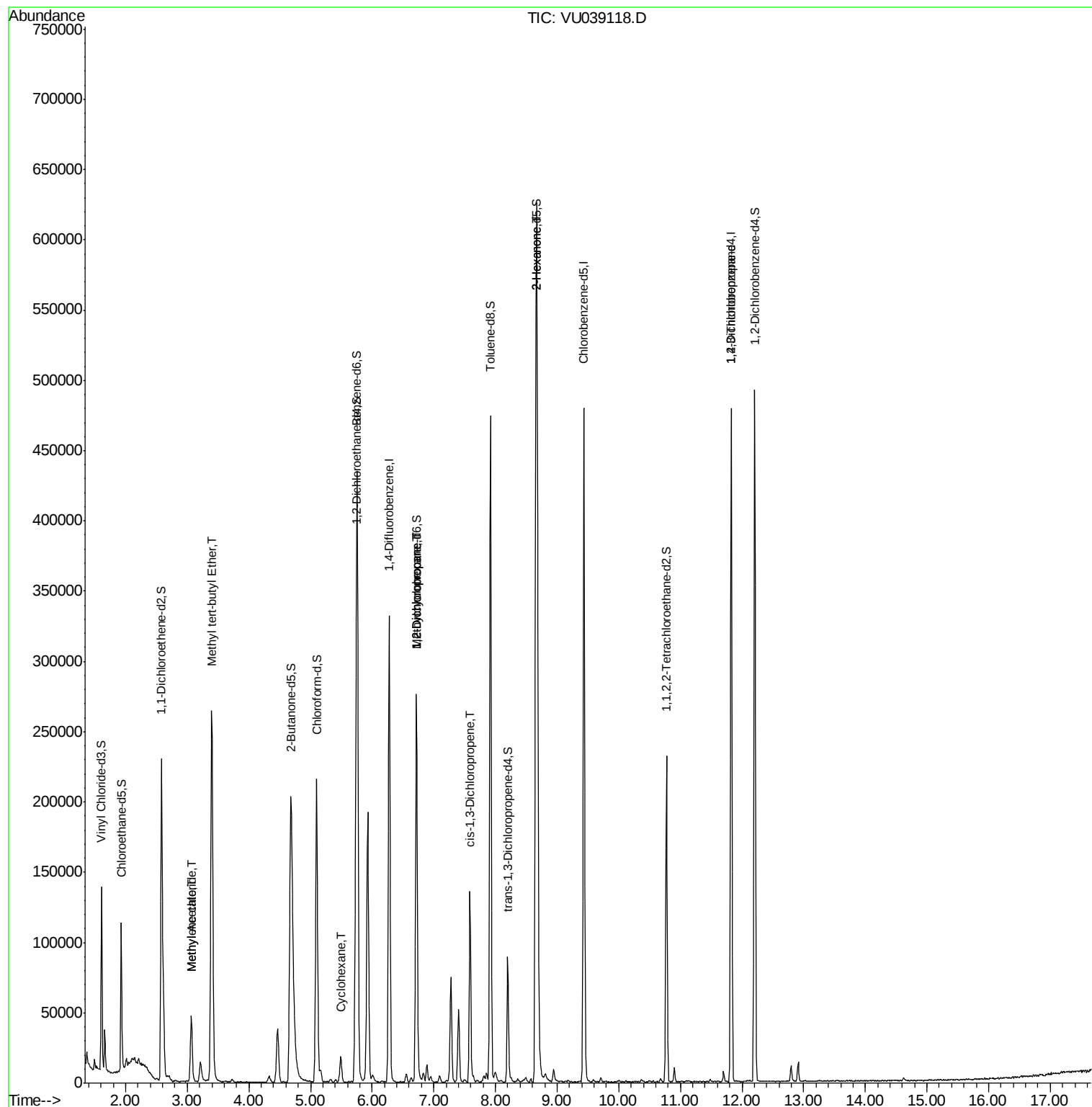
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Methyl Acetate	3.06	43	18835	1.725	ug/L #	55
16) Methylene chloride	3.07	84	10103	0.461	ug/L	96
17) Methyl tert-butyl Ether	3.40	73	284502	5.629	ug/L	99
30) Cyclohexane	5.49	56	8377	0.280	ug/L #	20
35) Methylcyclohexane	6.72	83	30240	1.041	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	14369	0.655	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3349	0.110	ug/L #	43
48) 2-Hexanone	8.66	43	45919	3.827	ug/L #	65
59) 1,2,3-Trichloropropane	11.83	75	17259	1.044	ug/L	98

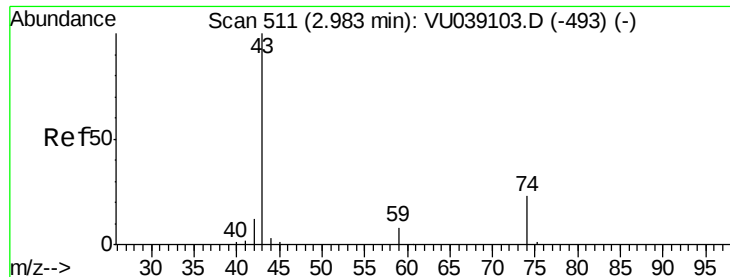
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methvl Acetate

Concen: 1.725 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.08 min

Lab File: VU039118.D

Acq: 25 Jun 2020 16:01

Instrument :

MSVOA_U

ClientSampleId :

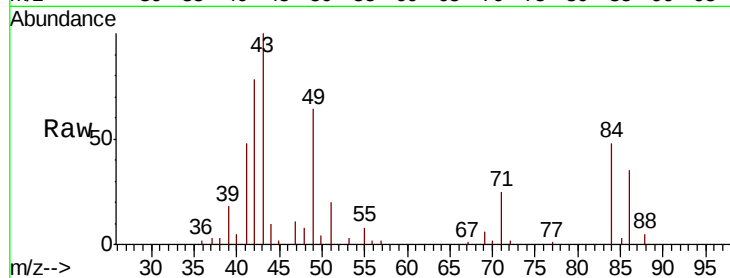
F9F20DL

Tot Ion: 43 Resp: 18835

Ion Ratio Lower Upper

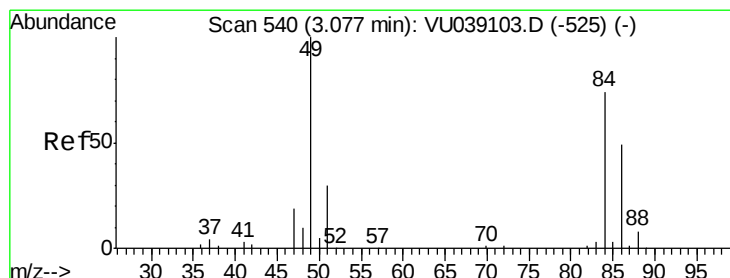
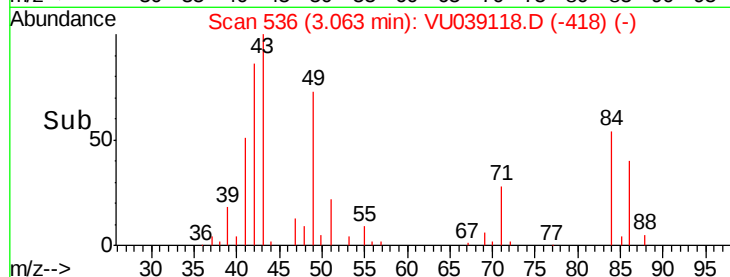
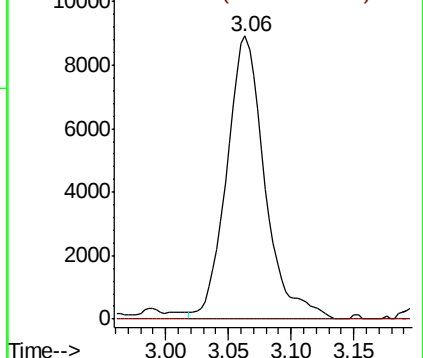
43 100

74 0.0 17.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 0.461 ug/L

RT: 3.07 min Scan# 538

Delta R.T. -0.01 min

Lab File: VU039118.D

Acq: 25 Jun 2020 16:01

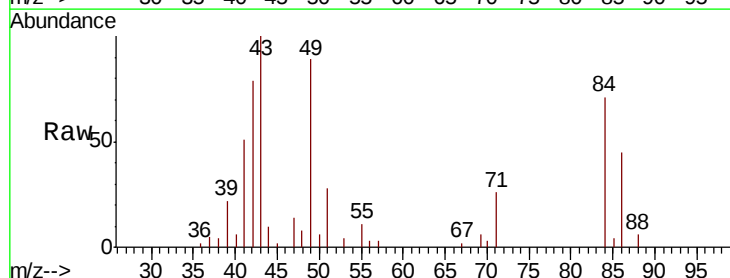
Tgt Ion: 84 Resp: 10103

Ion Ratio Lower Upper

84 100

86 63.3 44.1 81.9

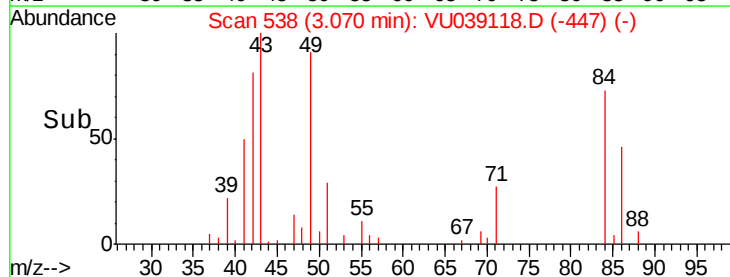
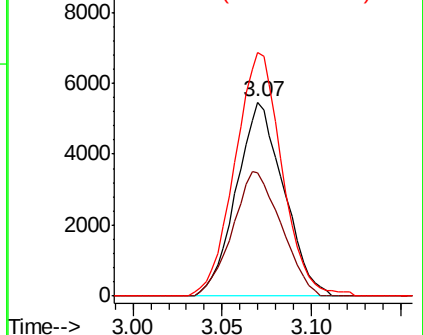
49 125.5 93.1 172.9

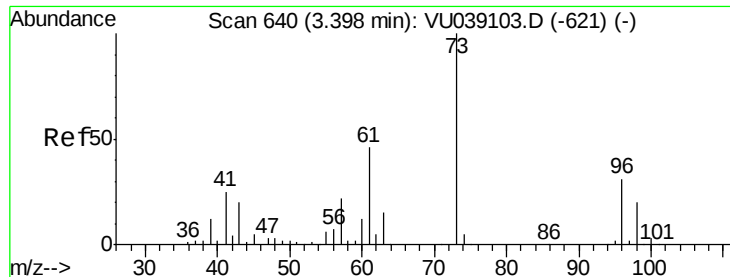


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

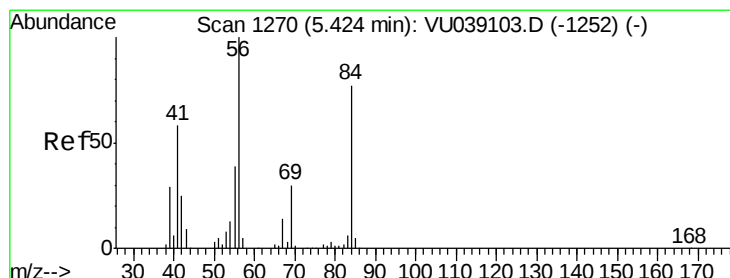
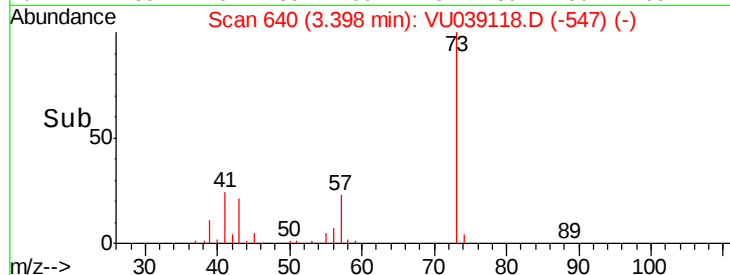
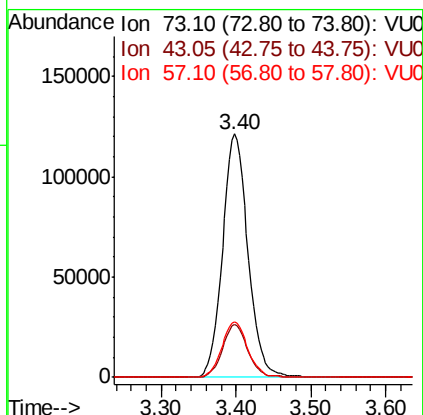
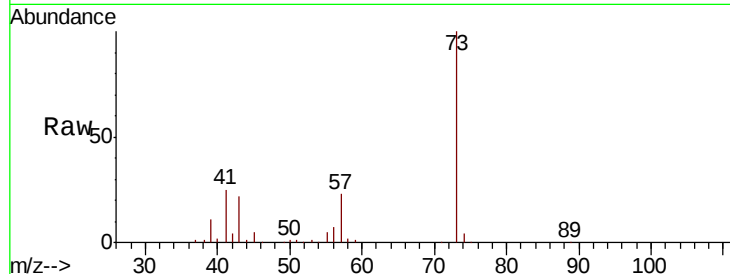




#17
Methvl tert-butvl Ether
Concen: 5.629 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU039118.D
Acq: 25 Jun 2020 16:01

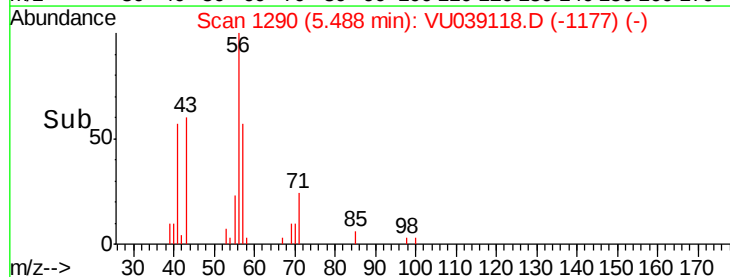
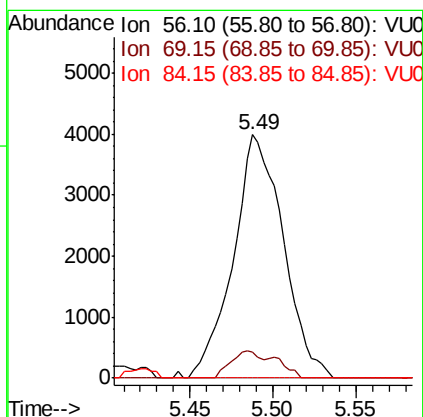
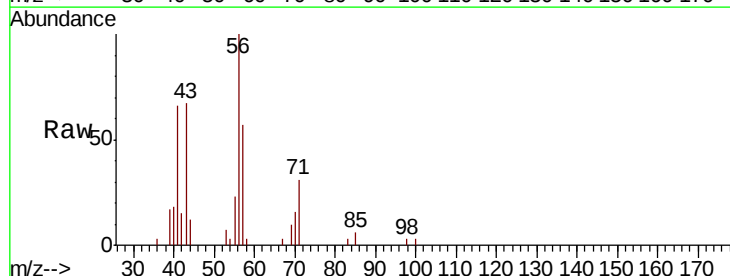
Instrument :
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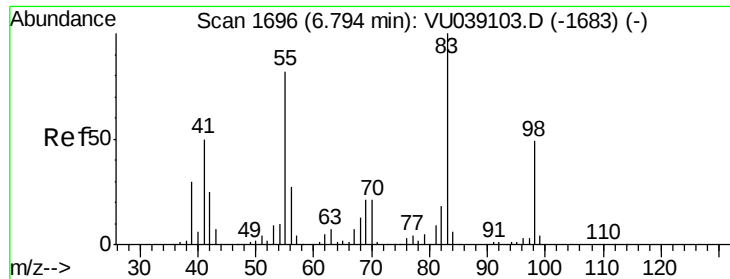
Tot Ion: 73 Resp: 284502
Ion Ratio Lower Upper
73 100
43 21.3 16.6 24.8
57 23.3 18.2 27.4



#30
Cyclohexane
Concen: 0.280 ug/L
RT: 5.49 min Scan# 1290
Delta R.T. 0.06 min
Lab File: VU039118.D
Acq: 25 Jun 2020 16:01

Tgt Ion: 56 Resp: 8377
Ion Ratio Lower Upper
56 100
69 6.6 23.3 34.9#
84 0.0 67.1 100.7#

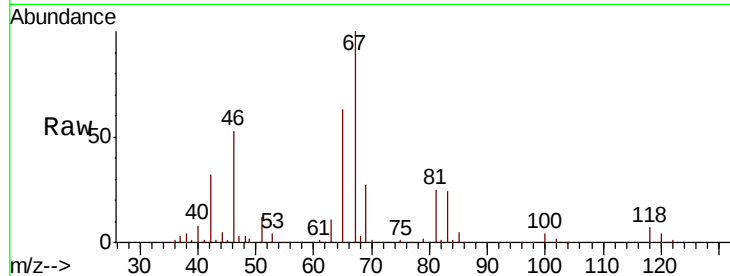




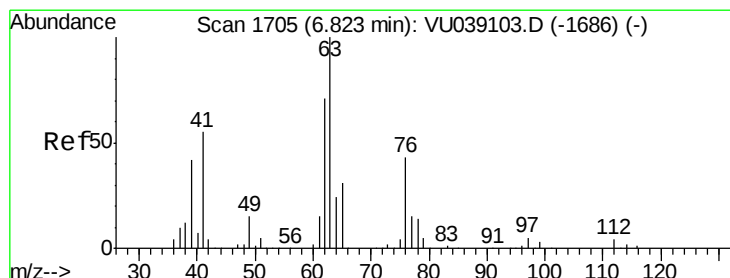
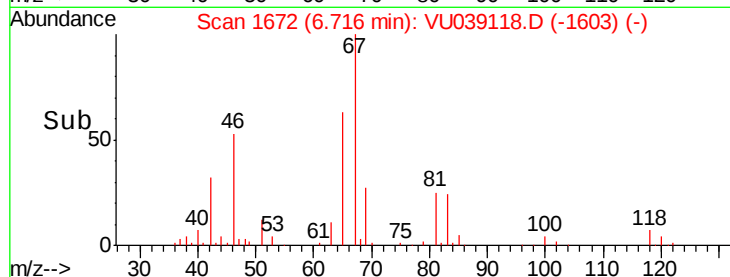
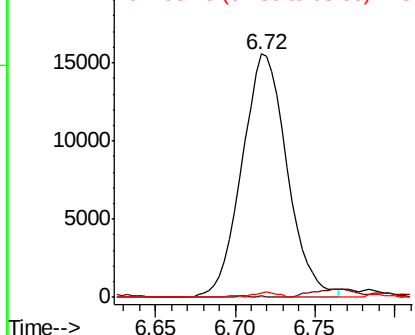
#35
Methvlcvclohexane
Concen: 1.041 ug/L
RT: 6.72 min Scan# 1672
Delta R.T. -0.08 min
Lab File: VU039118.D
Acq: 25 Jun 2020 16:01

Instrument :
MSVOA_U
ClientSampleId :
F9F20DL

Tot Ion: 83 Resp: 30240
Ion Ratio Lower Upper
83 100
55 3.3 65.5 98.3#
98 1.0 36.5 54.7#

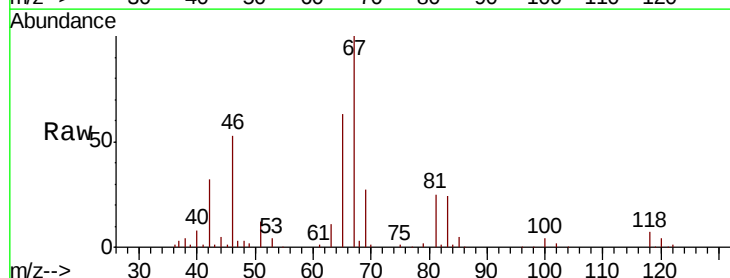


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

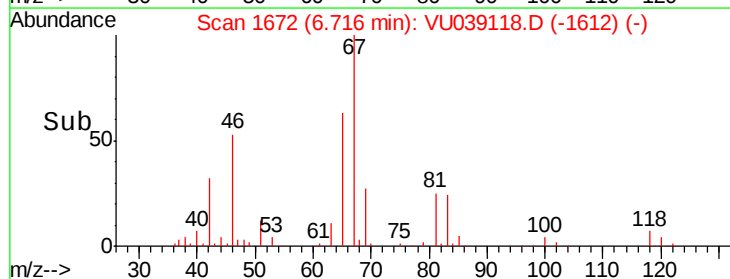
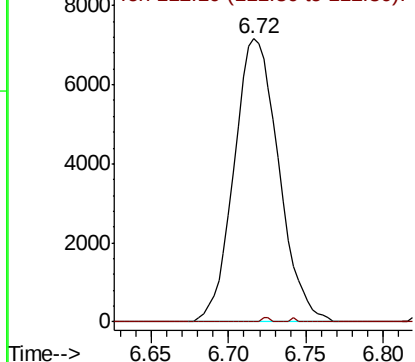


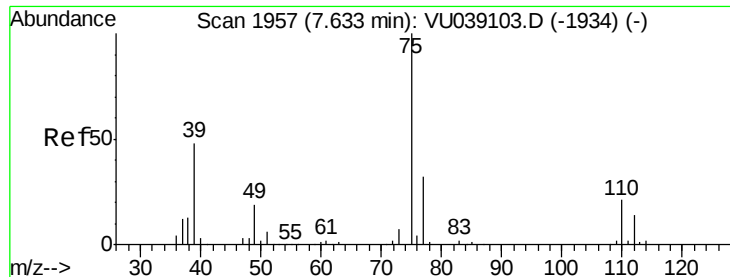
#37
1,2-Dichloropropane
Concen: 0.655 ug/L
RT: 6.72 min Scan# 1672
Delta R.T. -0.11 min
Lab File: VU039118.D
Acq: 25 Jun 2020 16:01

Tgt Ion: 63 Resp: 14369
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#



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

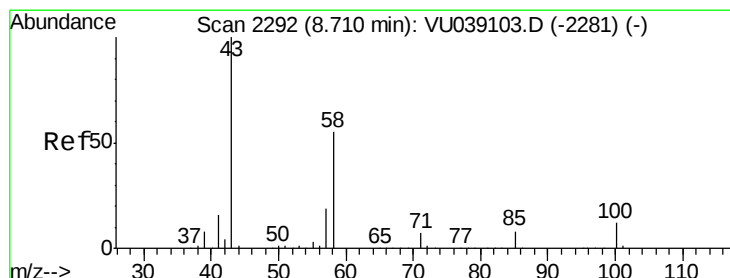
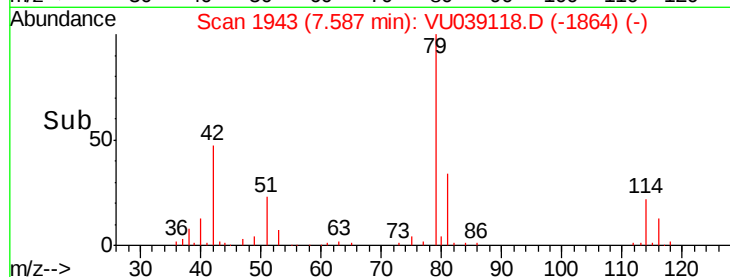
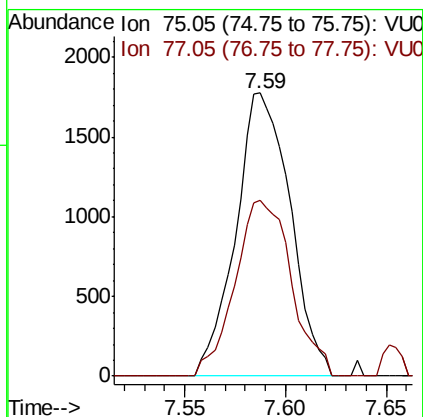
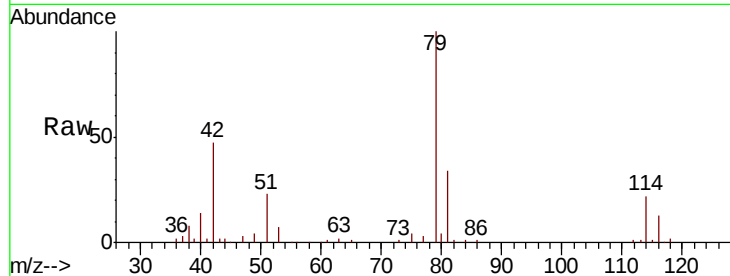




#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU039118.D
 Acq: 25 Jun 2020 16:01

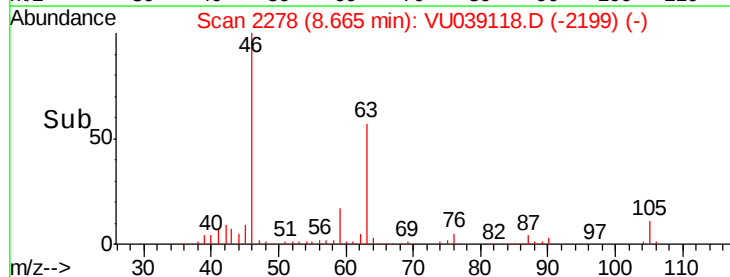
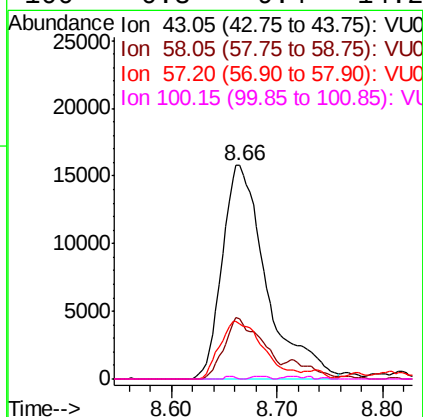
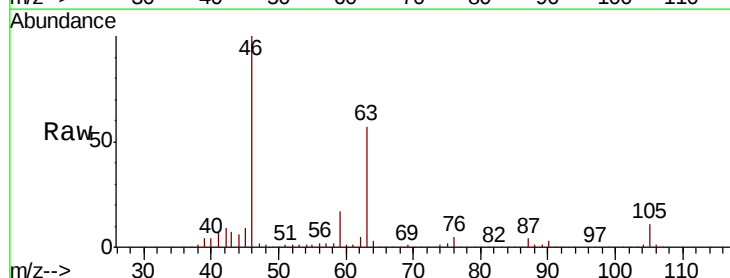
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F20DL

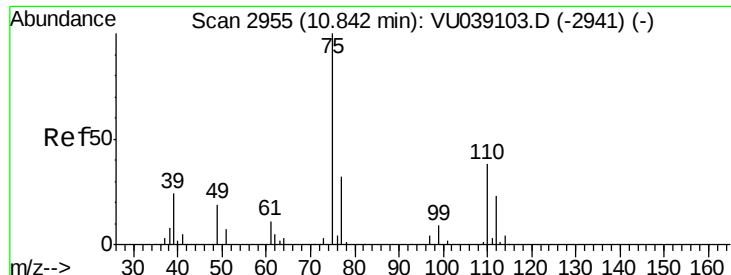
Tot Ion: 75 Resp: 3349
 Ion Ratio Lower Upper
 75 100
 77 62.0 21.6 40.0#



#48
 2-Hexanone
 Concen: 3.827 ug/L
 RT: 8.66 min Scan# 2278
 Delta R.T. -0.05 min
 Lab File: VU039118.D
 Acq: 25 Jun 2020 16:01

Tgt Ion: 43 Resp: 45919
 Ion Ratio Lower Upper
 43 100
 58 24.3 44.0 66.0#
 57 26.7 15.0 22.6#
 100 0.3 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 1.044 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU039118.D

Acq: 25 Jun 2020 16:01

Instrument :

MSVOA_U

ClientSampleId :

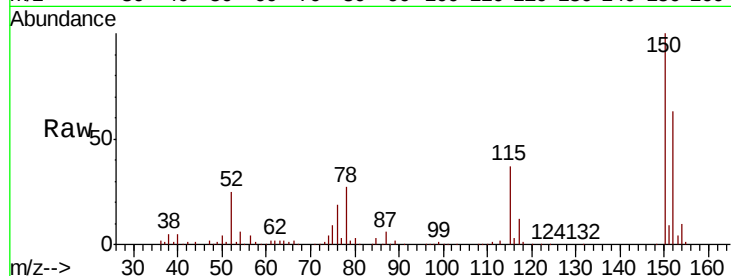
F9F20DL

Tot Ion: 75 Resp: 17259

Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

