

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039176.D
 Acq On : 26 Jun 2020 19:39
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jun 26 23:57:11 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	239753	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	240601	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	101605	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71185	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.93	69	71583	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.59	63	107512	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.67	46	362972	57.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.58%
24) Chloroform-d	5.10	84	168941	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.74	65	107113	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.76	84	312307	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.72	67	107756	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.92	98	236889	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.20	79	41530	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.66	63	277105	55.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.20%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95899	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	97116	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

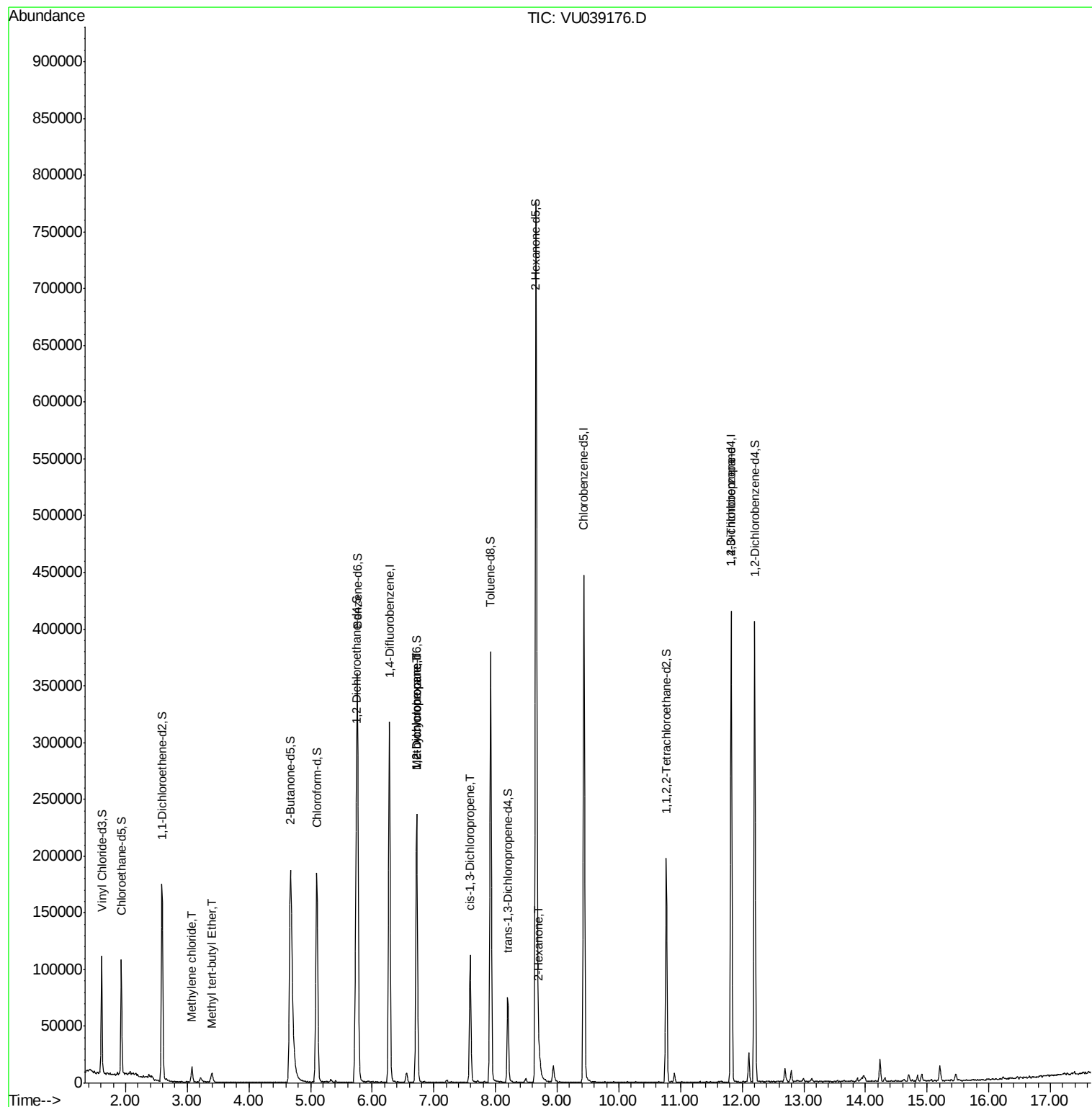
					Ovalue
16) Methylene chloride	3.08	84	5689	0.278 ug/L	95
17) Methyl tert-butyl Ether	3.40	73	7056	0.149 ug/L #	86
35) Methylcyclohexane	6.72	83	25704	0.947 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12275	0.599 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3010	0.106 ug/L #	70
48) 2-Hexanone	8.71	43	11778	1.051 ug/L #	85
59) 1,2,3-Trichloropropane	11.82	75	14011	0.907 ug/L	90

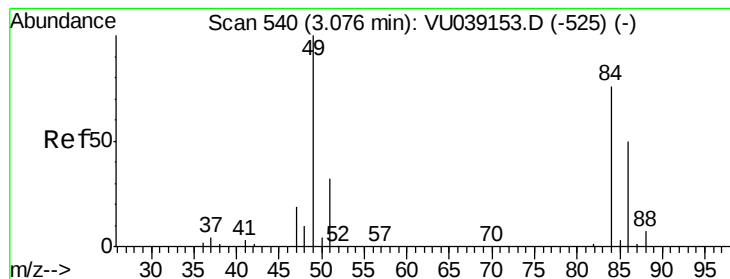
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.278 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU039176.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_U

ClientSampled :

VIBLK

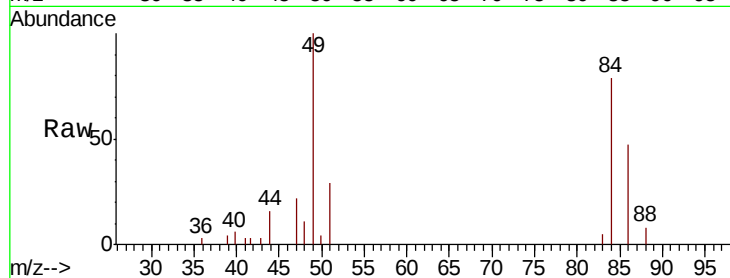
Tot Ion: 84 Resp: 5689

Ion Ratio Lower Upper

84 100

86 59.6 44.1 81.9

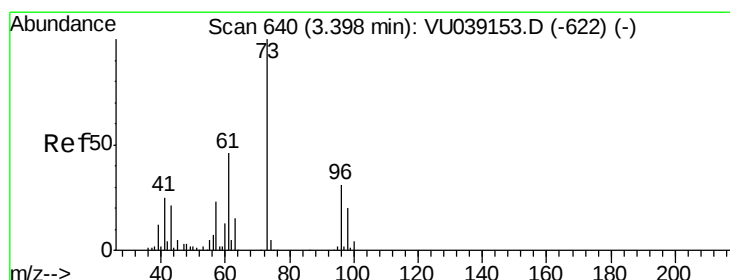
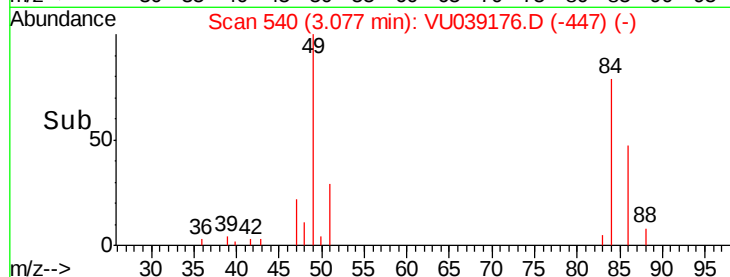
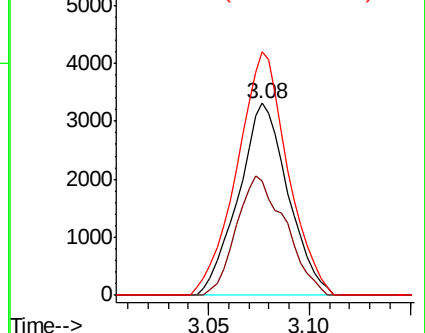
49 126.8 93.1 172.9



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: 0.149 ug/L

RT: 3.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: VU039176.D

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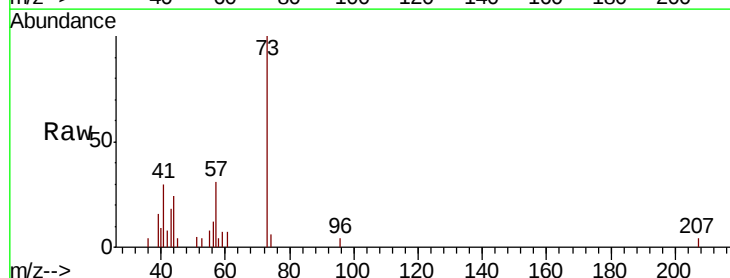
Tgt Ion: 73 Resp: 7056

Ion Ratio Lower Upper

73 100

43 12.4 16.6 24.8#

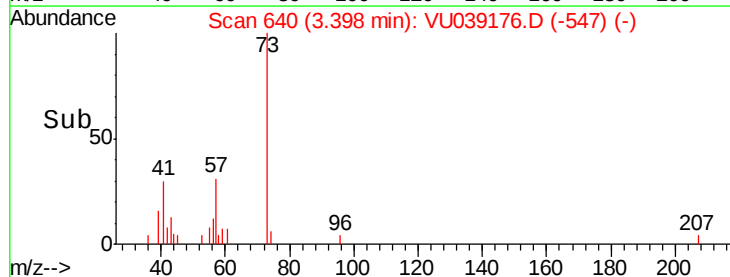
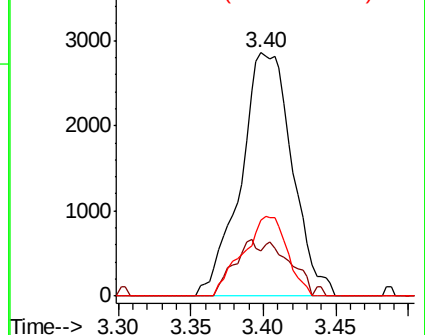
57 28.0 18.2 27.4#

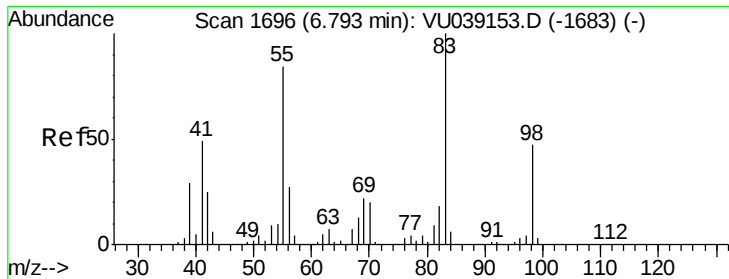


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

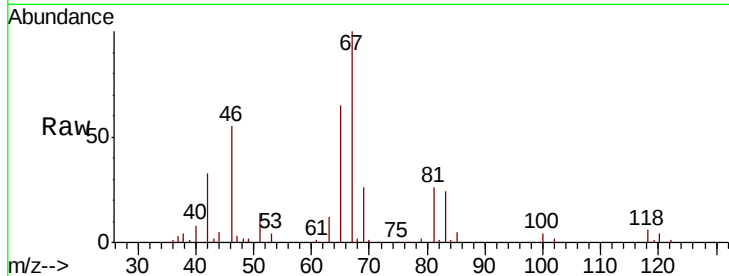




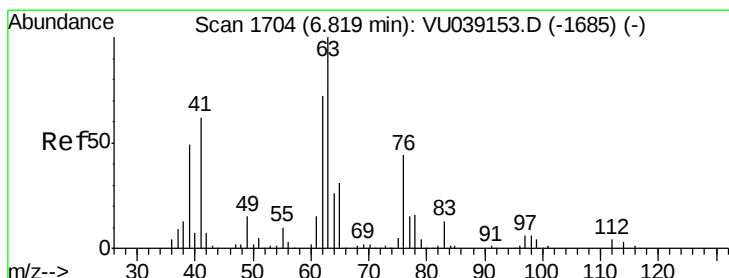
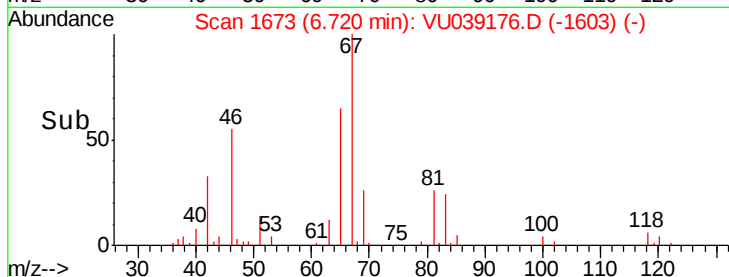
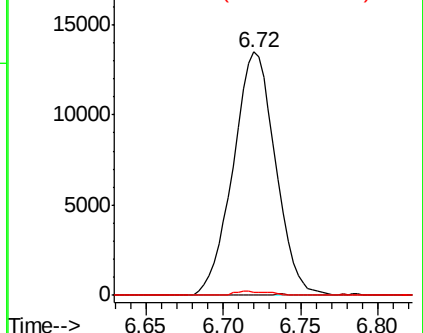
#35
Methvlcvclohexane
Concen: 0.947 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039176.D
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Tot Ion	83.15	Resp	25704
Ion Ratio	Lower	Upper	
83	100		
55	0.2	65.5	98.3#
98	1.4	36.5	54.7#

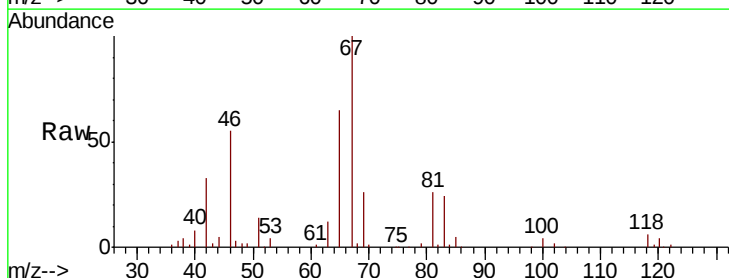


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

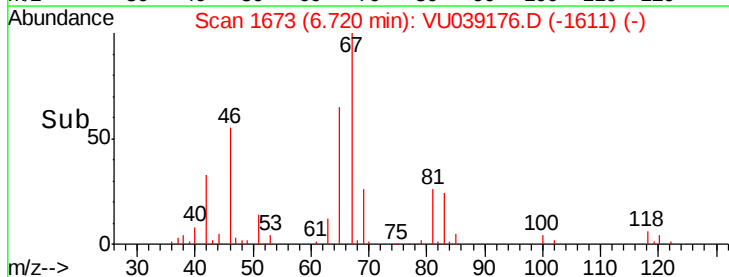
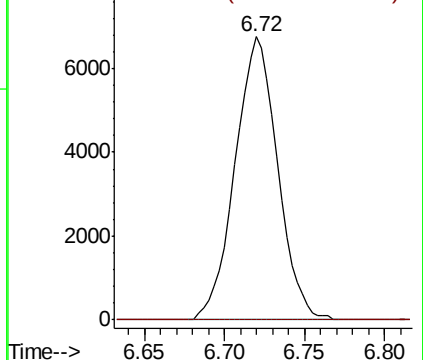


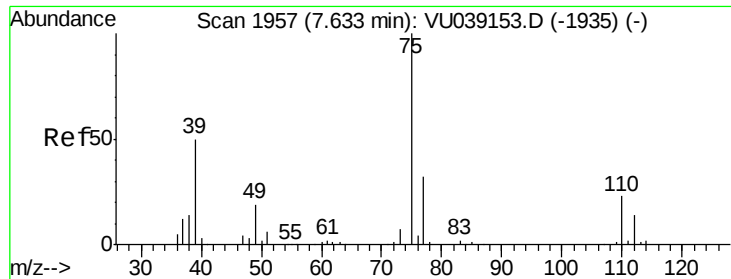
#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039176.D
Acq: 26 Jun 2020 19:39

Tgt Ion	63	Resp	12275
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.4	5.2#



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

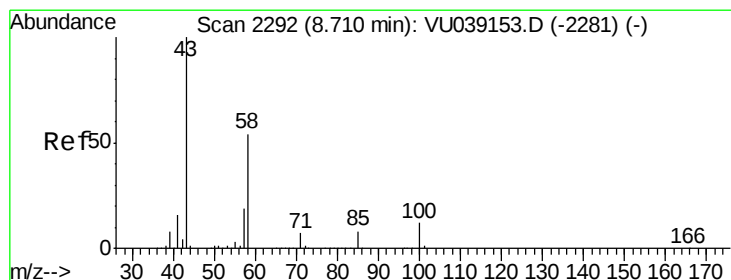
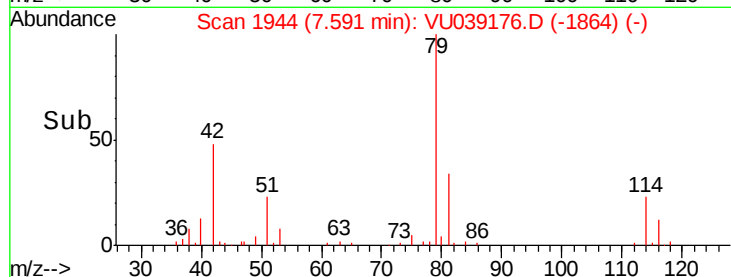
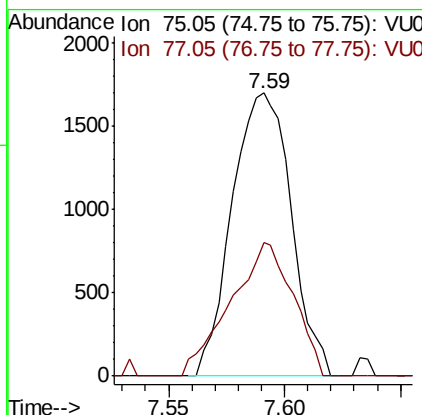
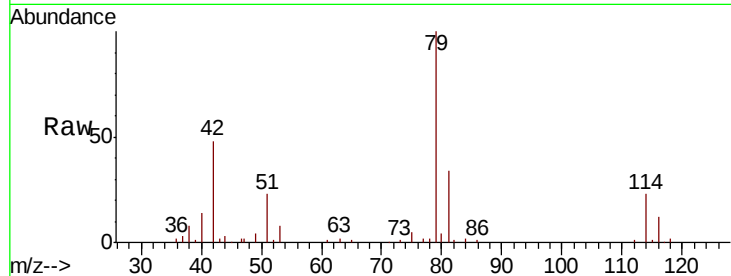




#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039176.D
 Acq: 26 Jun 2020 19:39

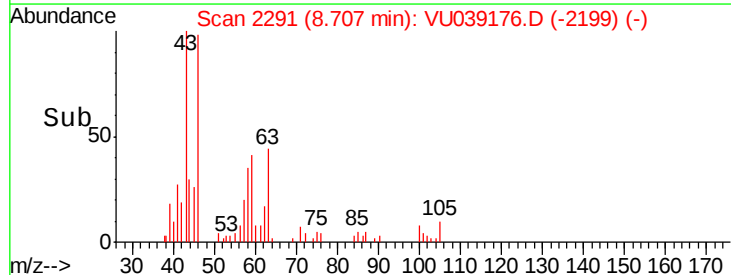
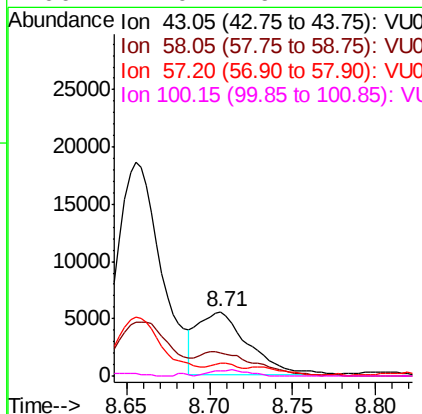
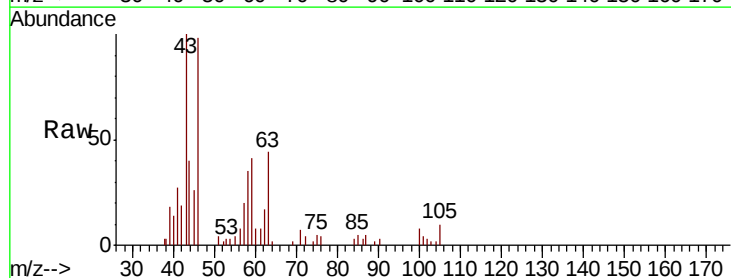
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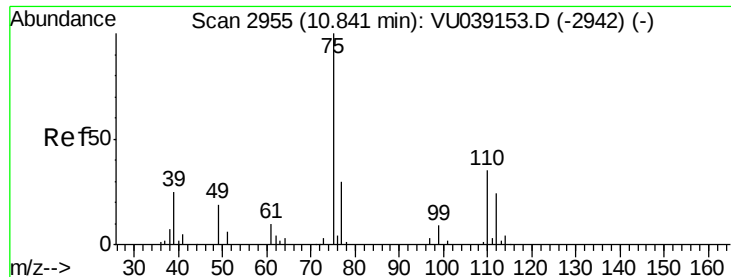
Tot Ion: 75 Resp: 3010
 Ion Ratio Lower Upper
 75 100
 77 47.0 21.6 40.0#



#48
 2-Hexanone
 Concen: 1.051 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU039176.D
 Acq: 26 Jun 2020 19:39

Tgt Ion: 43 Resp: 11778
 Ion Ratio Lower Upper
 43 100
 58 43.5 44.0 66.0#
 57 11.6 15.0 22.6#
 100 7.0 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.907 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039176.D

Acq: 26 Jun 2020 19:39

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

Tot Ion: 75 Resp: 14011

Ion Ratio Lower Upper

75 100

77 38.2 26.2 39.2

