

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070920\
 Data File : VU039404.D
 Acq On : 09 Jul 2020 18:43
 Operator : SY/MD
 Sample : L3231-03DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4289DL

Quant Time: Jul 10 00:23:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 00:19:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	98118	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	89585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44248	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26010	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.92	69	31172	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.58	63	40651	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.65	46	148802	57.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.38%
24) Chloroform-d	5.08	84	64363	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.72	65	41628	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.75	84	123315	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	6.71	67	43961	5.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.00%
41) Toluene-d8	7.91	98	107811	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
43) trans-1,3-Dichloropropene-	8.19	79	16576	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.64	63	108755	54.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.58%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	40404	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	44248	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

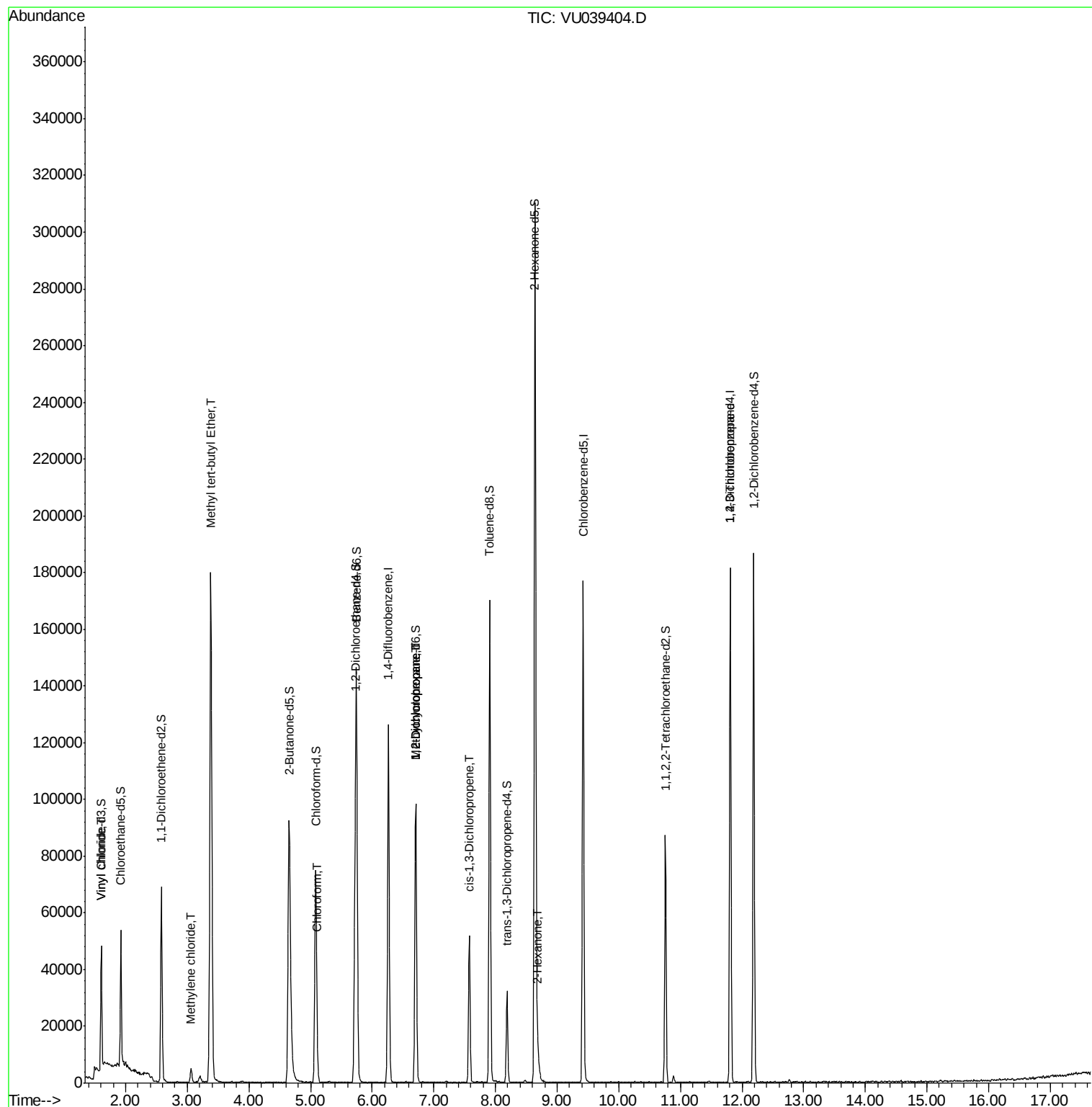
					Ovalue
5) Vinyl chloride	1.61	62	1475	0.184 ug/L #	1
16) Methylene chloride	3.06	84	1944	0.265 ug/L	89
17) Methyl tert-butyl Ether	3.38	73	194411	10.573 ug/L	99
25) Chloroform	5.11	83	3002	0.235 ug/L	93
35) Methylcyclohexane	6.70	83	10073	0.908 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5418	0.742 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1475	0.134 ug/L #	68
48) 2-Hexanone	8.69	43	4655	1.037 ug/L #	40
59) 1,2,3-Trichloropropane	11.81	75	6769	1.258 ug/L	89

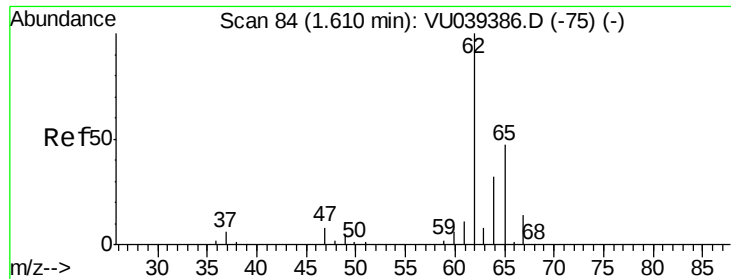
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 10 00:19:08 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.184 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039404.D

Acq: 09 Jul 2020 18:43

Instrument :

MSVOA_U

ClientSampleID :

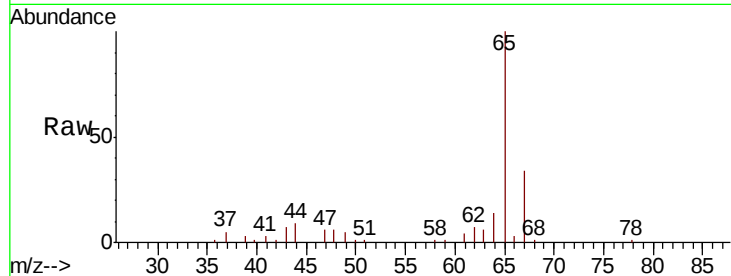
H4289DL

Tot Ion: 62 Resp: 1475

Ion Ratio Lower Upper

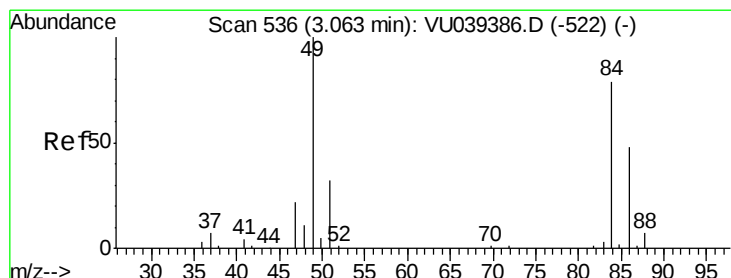
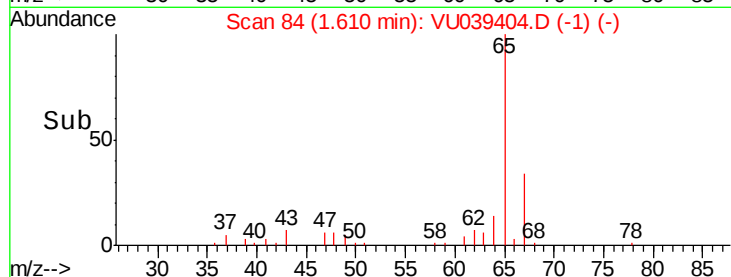
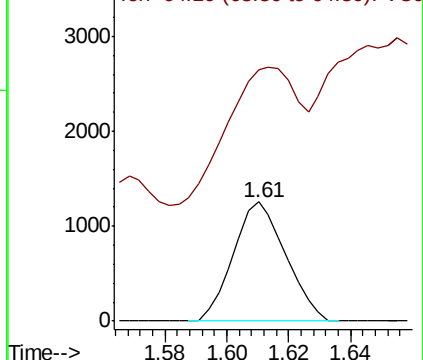
62 100

64 210.4 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#16

Methylene chloride

Concen: 0.265 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU039404.D

Acq: 09 Jul 2020 18:43

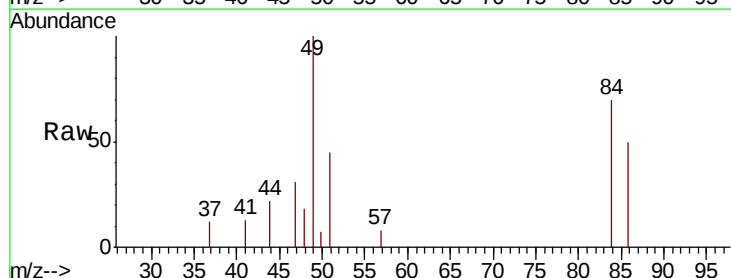
Tgt Ion: 84 Resp: 1944

Ion Ratio Lower Upper

84 100

86 71.6 43.5 80.9

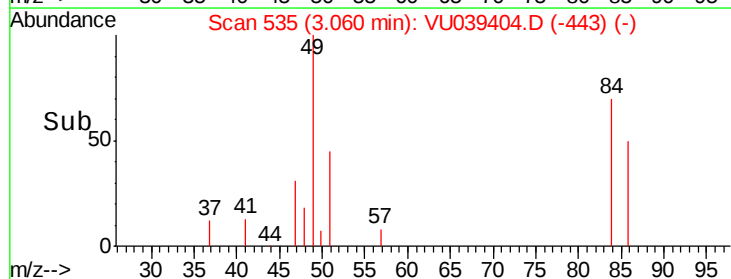
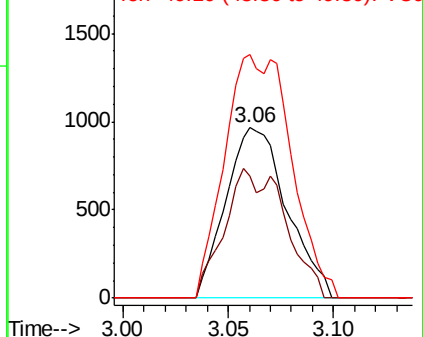
49 143.0 91.1 169.1

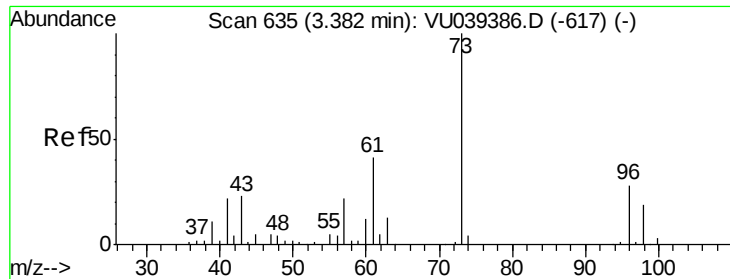


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

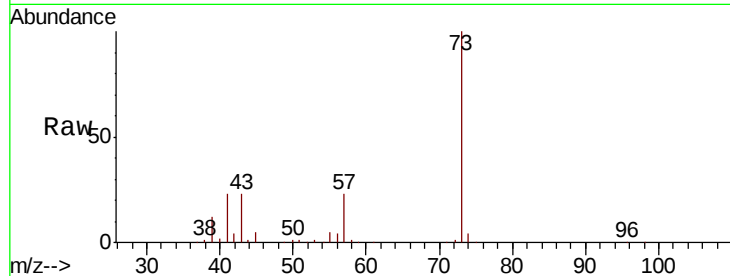




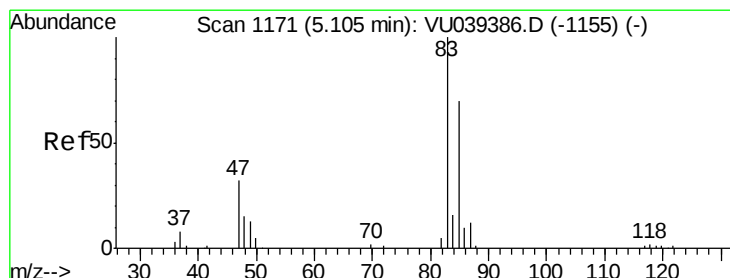
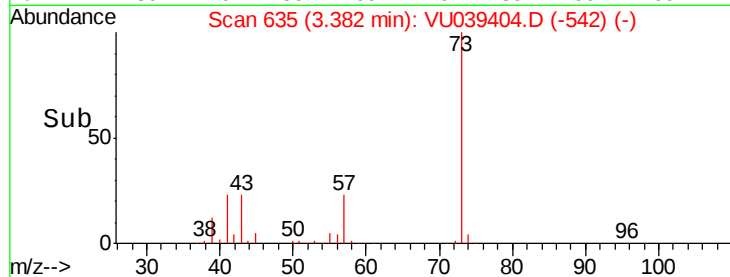
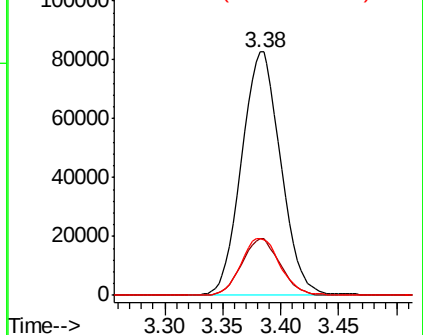
#17
Methvl tert-butvl Ether
Concen: 10.573 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU039404.D
Acq: 09 Jul 2020 18:43

Instrument :
MSVOA_U
ClientSampled :
H4289DL

Tot Ion: 73 Resp: 194411
Ion Ratio Lower Upper
73 100
43 23.0 18.6 28.0
57 23.4 17.9 26.9

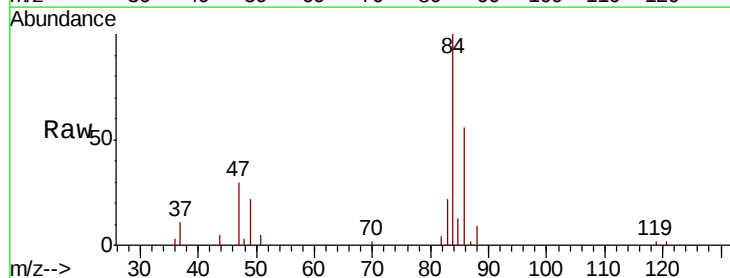


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

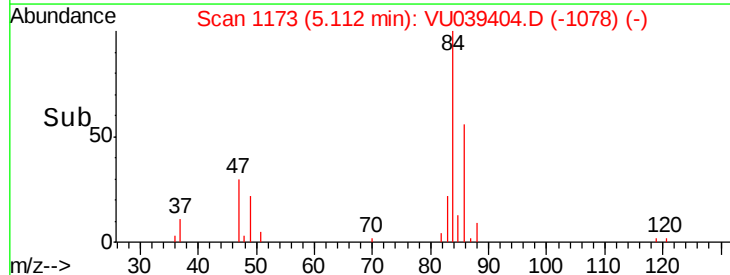
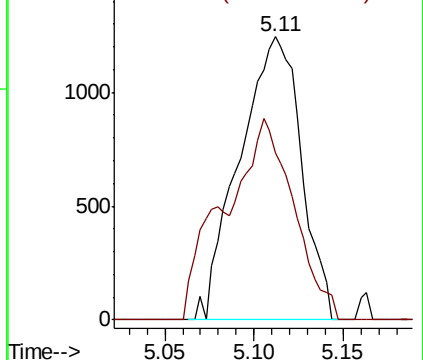


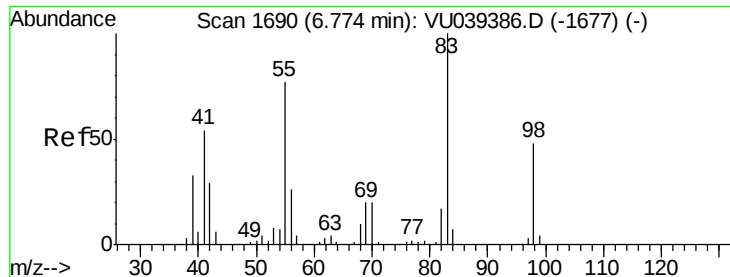
#25
Chloroform
Concen: 0.235 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039404.D
Acq: 09 Jul 2020 18:43

Tgt Ion: 83 Resp: 3002
Ion Ratio Lower Upper
83 100
85 59.0 44.9 83.5



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

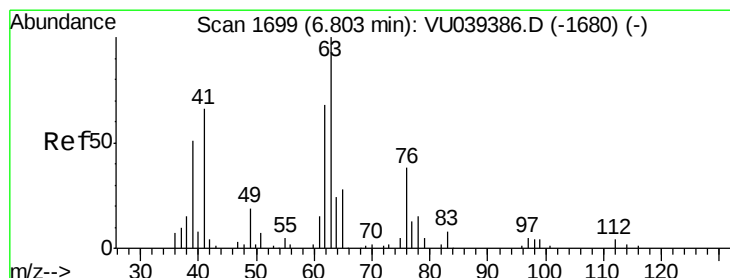
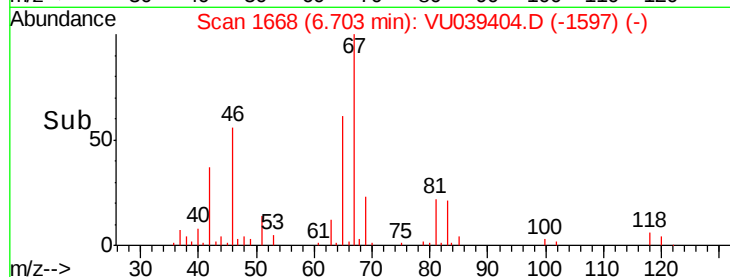
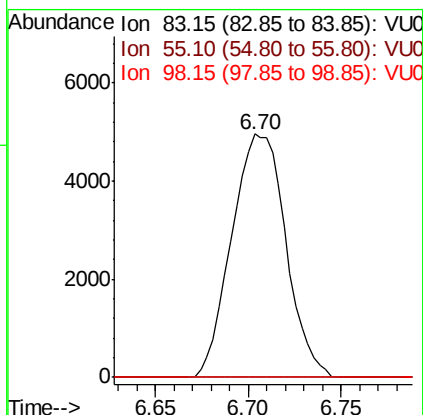
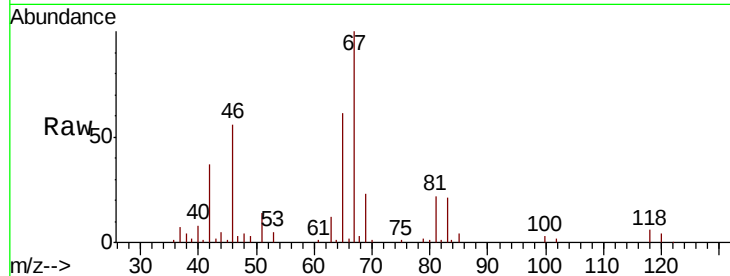




#35
Methvlcvclohexane
Concen: 0.908 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039404.D
Acq: 09 Jul 2020 18:43

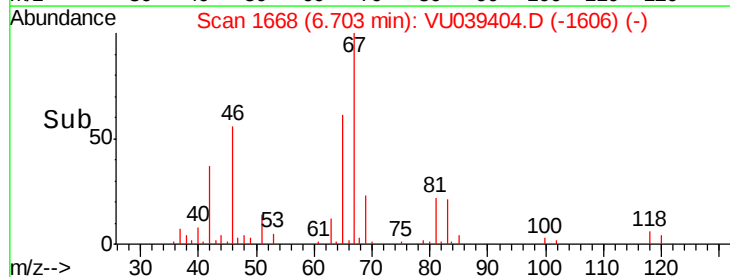
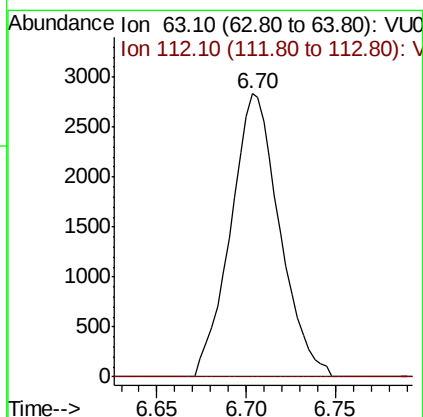
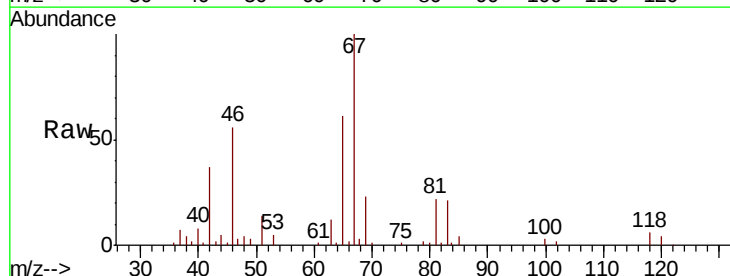
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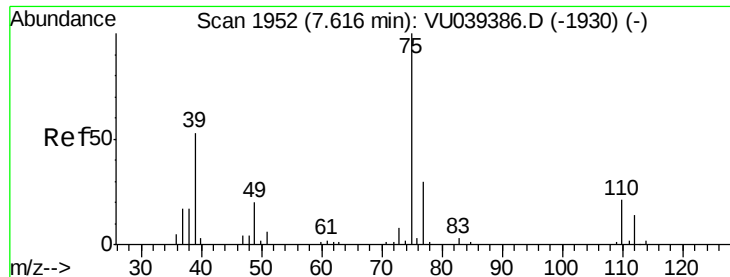
Tot Ion: 83 Resp: 10073
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.742 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039404.D
Acq: 09 Jul 2020 18:43

Tgt Ion: 63 Resp: 5418
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#

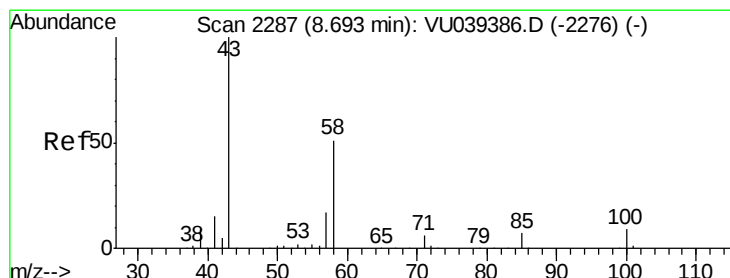
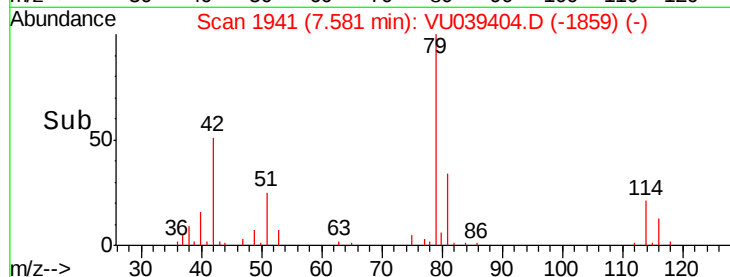
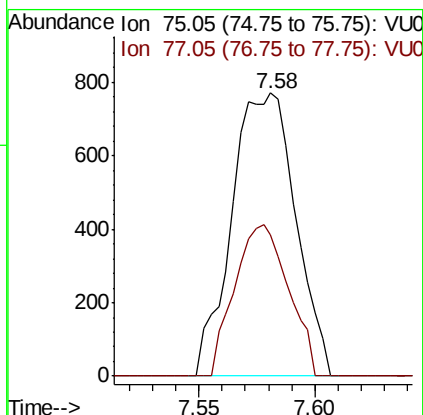
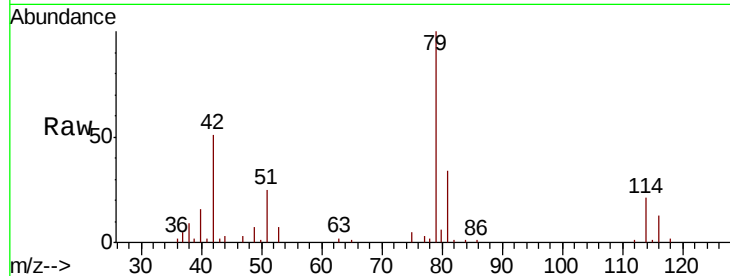




#39
 cis-1,3-Dichloropropene
 Concen: 0.134 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.04 min
 Lab File: VU039404.D
 Acq: 09 Jul 2020 18:43

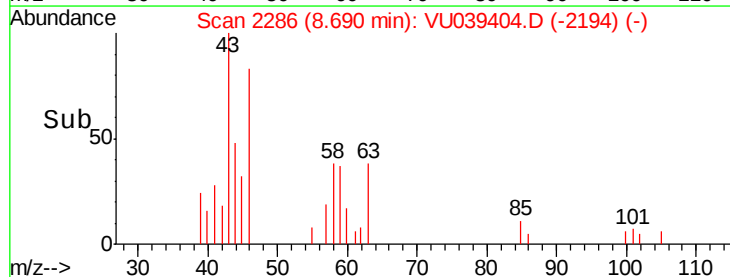
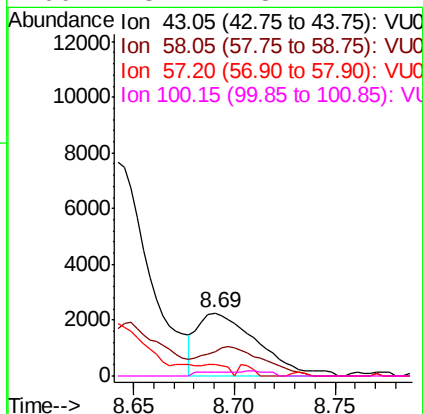
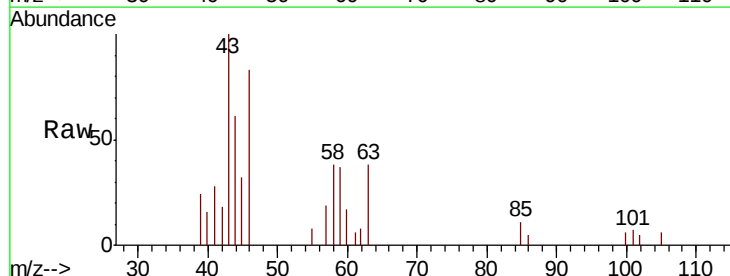
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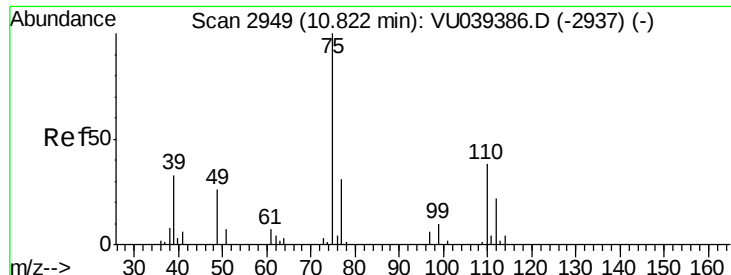
Tot Ion: 75 Resp: 1475
 Ion Ratio Lower Upper
 75 100
 77 49.8 22.3 41.3#



#48
 2-Hexanone
 Concen: 1.037 ug/L
 RT: 8.69 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: VU039404.D
 Acq: 09 Jul 2020 18:43

Tgt Ion: 43 Resp: 4655
 Ion Ratio Lower Upper
 43 100
 58 0.0 42.0 63.0#
 57 0.0 14.0 21.0#
 100 3.1 8.2 12.2#





#59

1,2,3-Trichloropropane

Concen: 1.258 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039404.D

Acq: 09 Jul 2020 18:43

Instrument :

MSVOA_U

ClientSampleId :

H4289DL

Tot Ion: 75 Resp: 6769

Ion Ratio Lower Upper

75 100

77 39.7 26.8 40.2

