

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061920\
 Data File : VU038997.D
 Acq On : 19 Jun 2020 21:56
 Operator : SY/MD
 Sample : L3061-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXH8

Quant Time: Jun 20 05:45:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 20 05:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	269209	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	277757	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	123741	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	125280	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.94	69	99569	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.59	63	175714	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.67	46	380727	50.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	5.10	84	206819	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.74	65	123725	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.76	84	420257	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.72	67	133032	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.92	98	338696	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.20	79	55827	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.66	63	292273	51.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	116276	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	137745	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

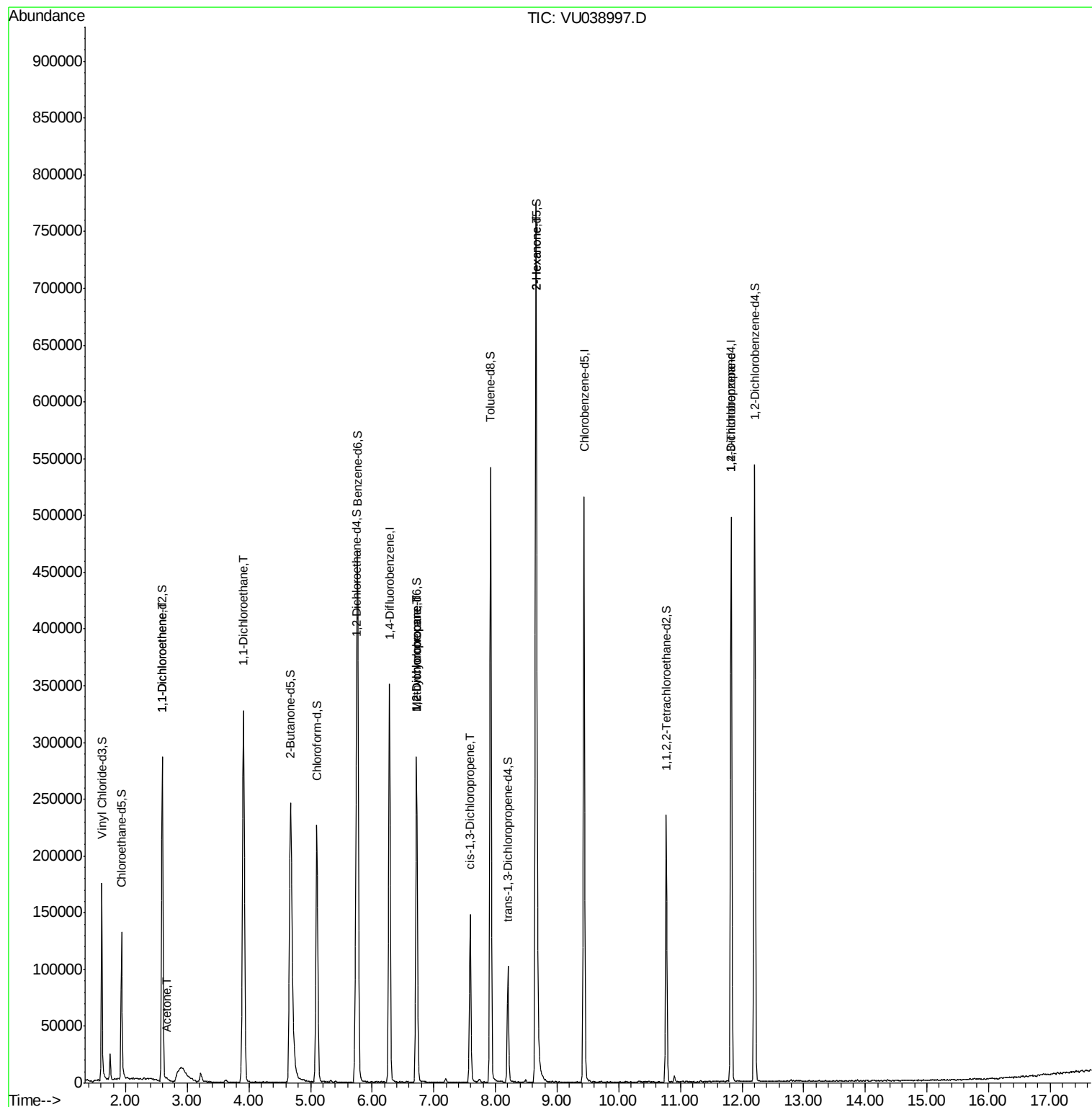
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1267	0.064 ug/L #	1
13) Acetone	2.67	43	4151	0.900 ug/L	87
19) 1,1-Dichloroethane	3.91	63	378886	9.313 ug/L	98
35) Methylcyclohexane	6.72	83	32256	0.924 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14602	0.598 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3364	0.087 ug/L #	49
48) 2-Hexanone	8.66	43	35070	2.528 ug/L #	77
59) 1,2,3-Trichloropropane	11.82	75	17193	0.978 ug/L	96

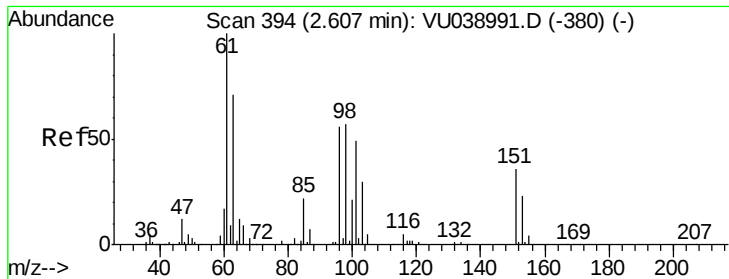
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038997.D

Acq: 19 Jun 2020 21:56

Instrument :

MSVOA_U

ClientSampleId :

BFXH8

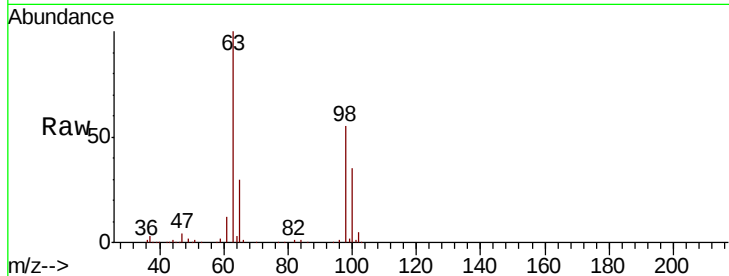
Tot Ion: 96 Resp: 1267

Ion Ratio Lower Upper

96 100

61 1622.4 126.0 234.0#

63 13691.5 87.2 162.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

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100000

50000

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2.85

2.90

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14.80

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14.90

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15.00

15.05

15.10

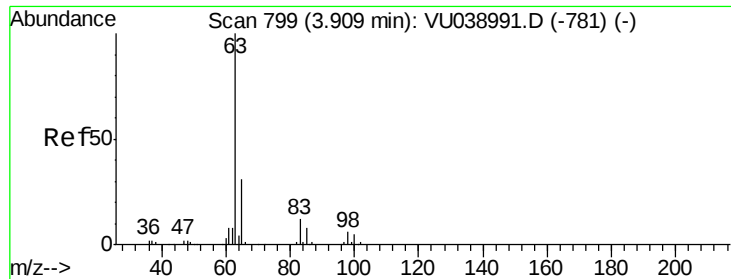
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15.20

15.25

15.30

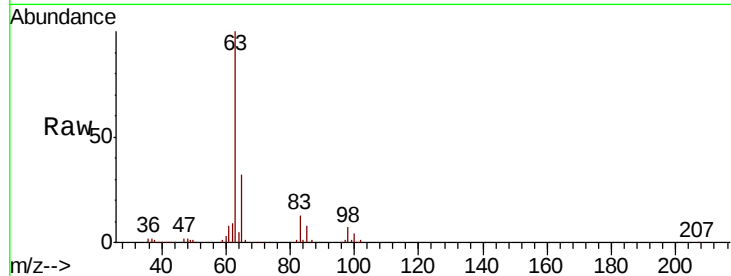
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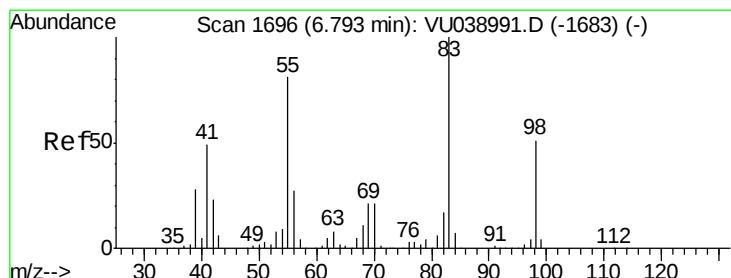
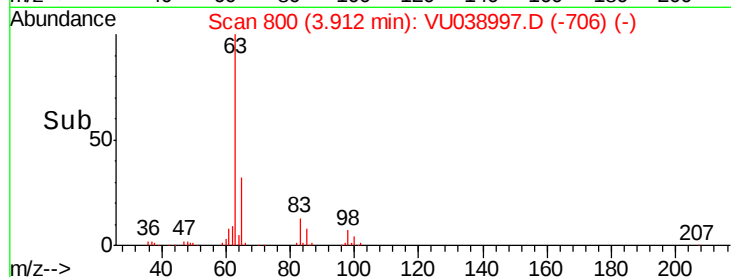
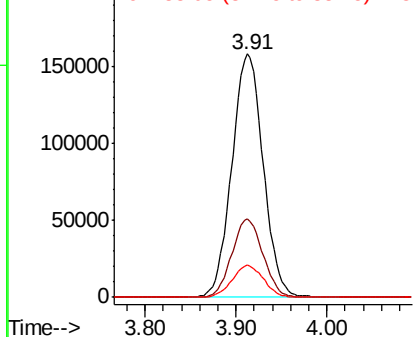
#19
 1,1-Dichloroethane
 Concen: 9.313 ug/L
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU038997.D
 Acq: 19 Jun 2020 21:56

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 BFXH8

Tot Ion: 63 Resp: 378886
 Ion Ratio Lower Upper
 63 100
 65 32.1 21.5 39.9
 83 13.2 9.6 17.8

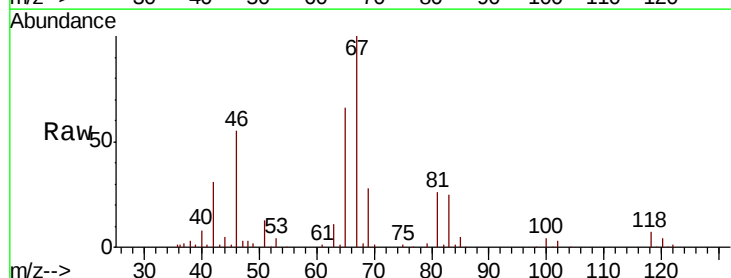


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

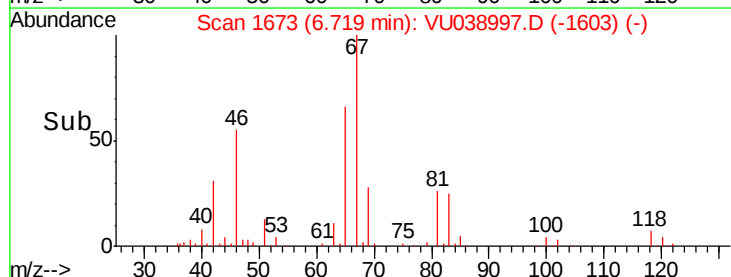
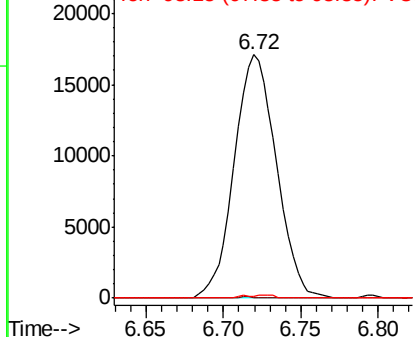


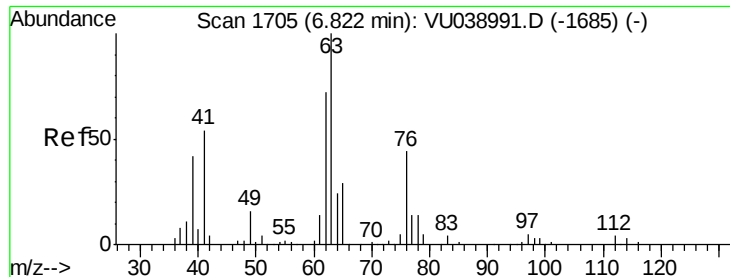
#35
 Methylcyclohexane
 Concen: 0.924 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.07 min
 Lab File: VU038997.D
 Acq: 19 Jun 2020 21:56

Tgt Ion: 83 Resp: 32256
 Ion Ratio Lower Upper
 83 100
 55 0.2 64.2 96.2#
 98 0.3 37.3 55.9#



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

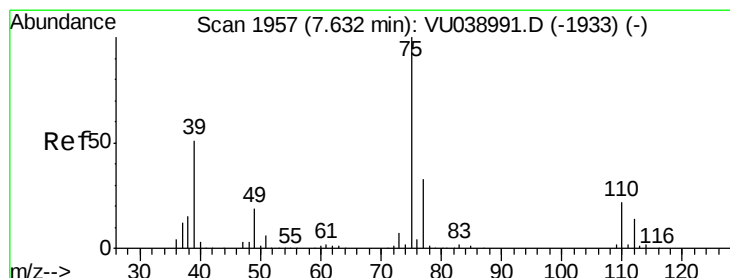
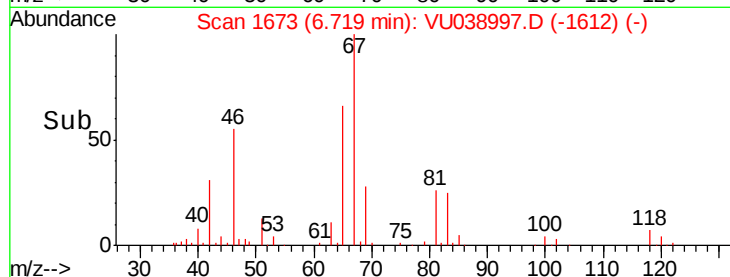
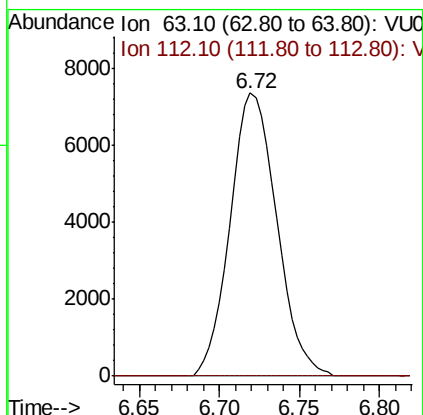
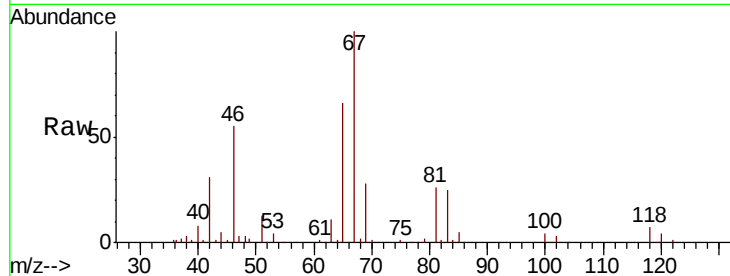




#37
 1,2-Dichloropropane
 Concen: 0.598 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038997.D
 Acq: 19 Jun 2020 21:56

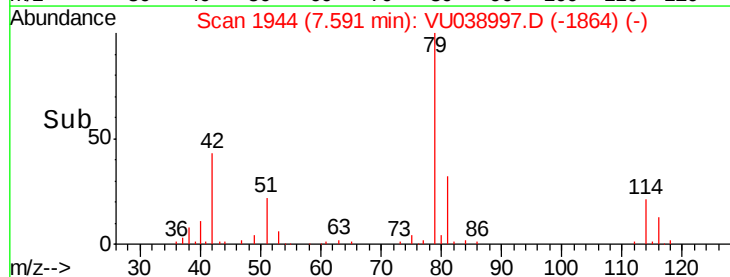
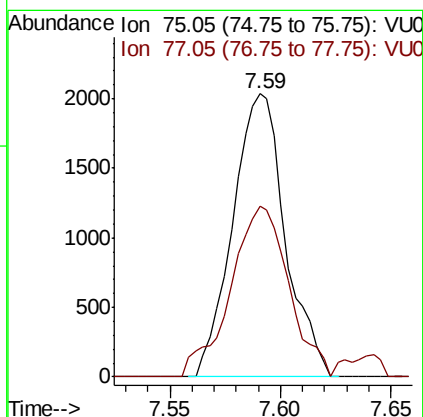
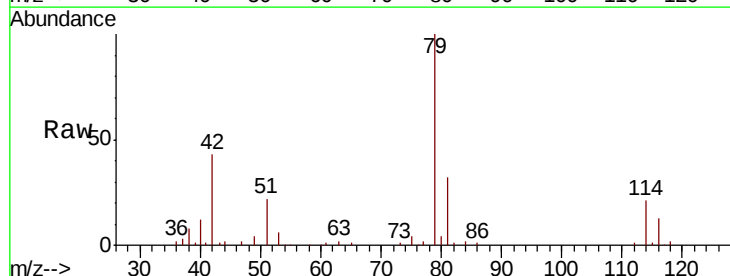
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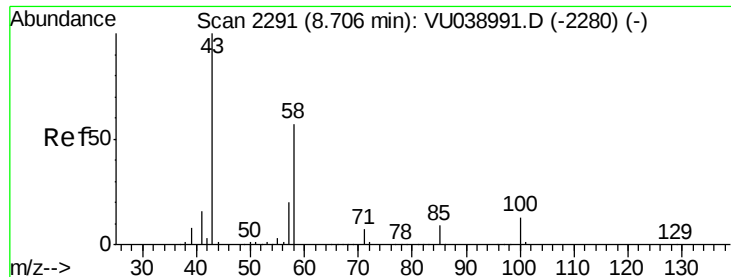
Tot Ion: 63 Resp: 14602
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038997.D
 Acq: 19 Jun 2020 21:56

Tgt Ion: 75 Resp: 3364
 Ion Ratio Lower Upper
 75 100
 77 60.4 22.3 41.3#

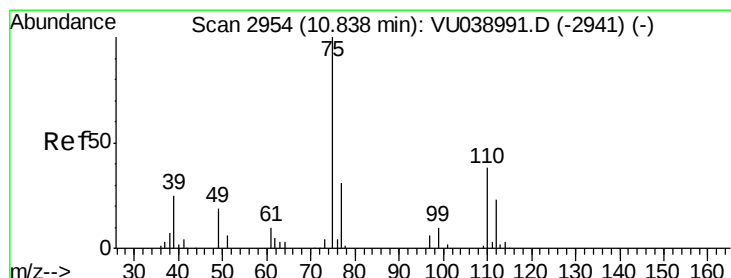
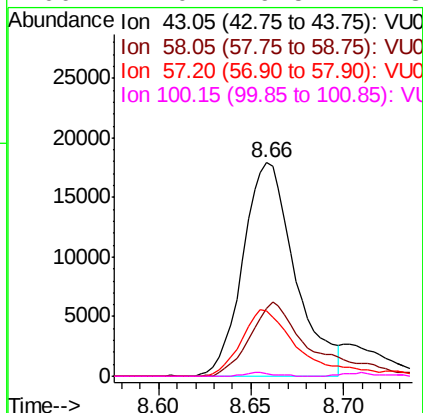
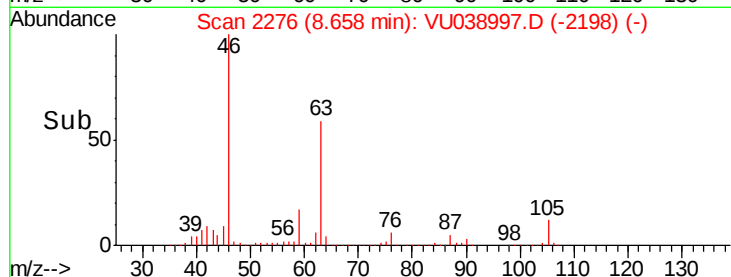
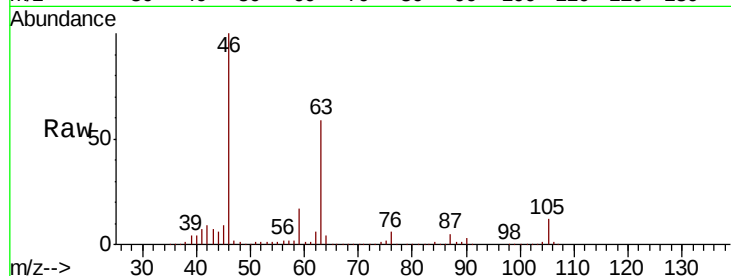




#48
 2-Hexanone
 Concen: 2.528 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU038997.D
 Acq: 19 Jun 2020 21:56

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 MSVOA_U
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 BFXH8

Tot Ion: 43 Resp: 35070
 Ion Ratio Lower Upper
 43 100
 58 40.7 43.2 64.8#
 57 33.6 15.2 22.8#
 100 1.0 9.5 14.3#



#59
 1,2,3-Trichloropropane
 Concen: 0.978 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038997.D
 Acq: 19 Jun 2020 21:56

Tgt Ion: 75 Resp: 17193
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.9 38.9

