

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061920\
 Data File : VU038994.D
 Acq On : 19 Jun 2020 20:46
 Operator : SY/MD
 Sample : L3040-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jun 20 05:45:33 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	268846	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	268504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	125430	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110948	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	86194	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.59	63	156232	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.67	46	346424	46.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.58%
24) Chloroform-d	5.10	84	190810	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.74	65	112715	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.76	84	383679	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.72	67	121876	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.92	98	316565	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	8.20	79	50578	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.66	63	254505	46.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.20%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105118	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	127707	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

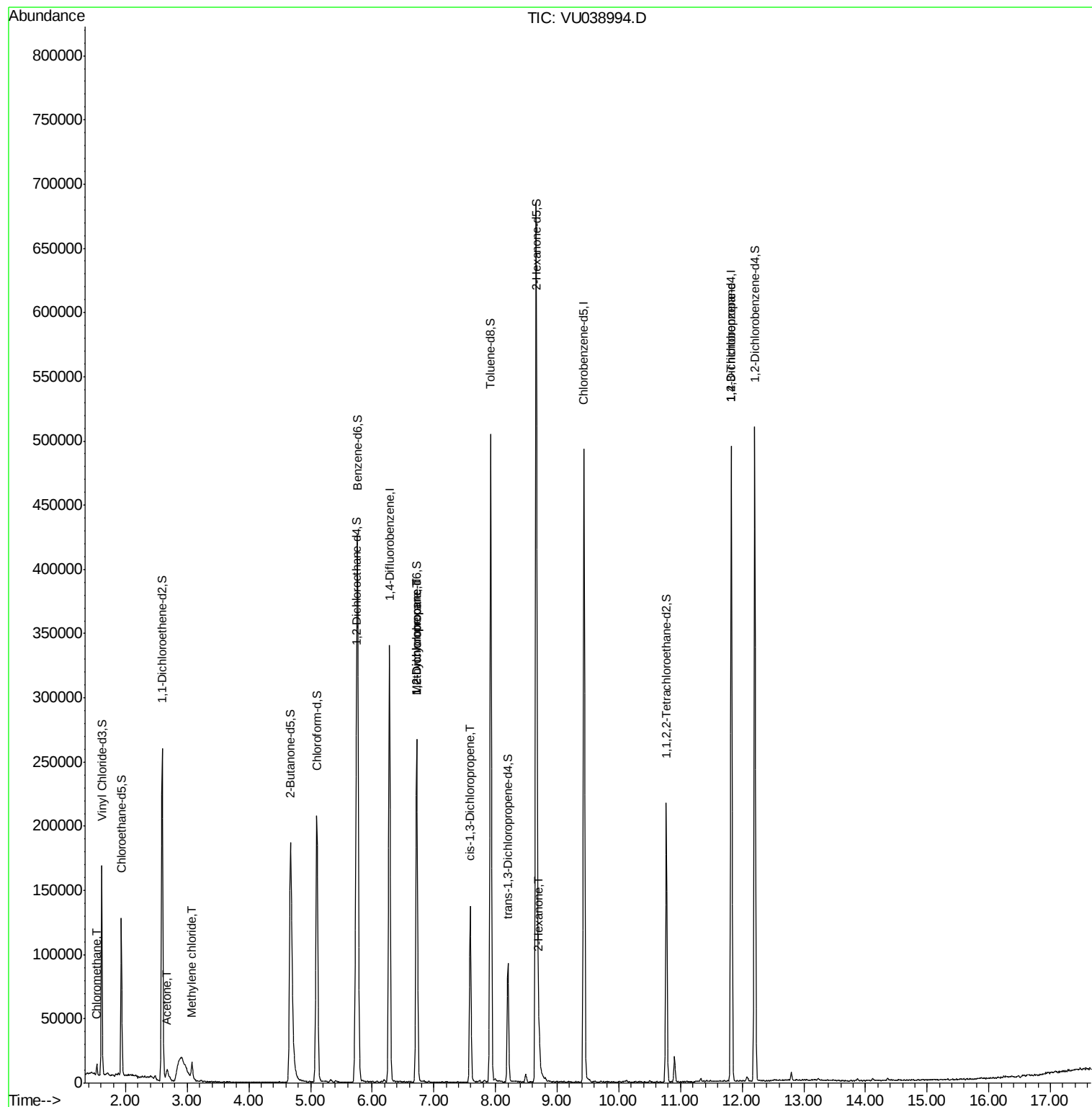
					Ovalue
3) Chloromethane	1.53	50	5876	0.216 ug/L	99
13) Acetone	2.67	43	15551	3.376 ug/L	94
16) Methylene chloride	3.08	84	5208	0.213 ug/L	95
35) Methylcyclohexane	6.72	83	28028	0.831 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	14008	0.593 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3331	0.089 ug/L #	54
48) 2-Hexanone	8.71	43	13584	1.013 ug/L #	88
59) 1,2,3-Trichloropropane	11.82	75	17149	1.009 ug/L	93

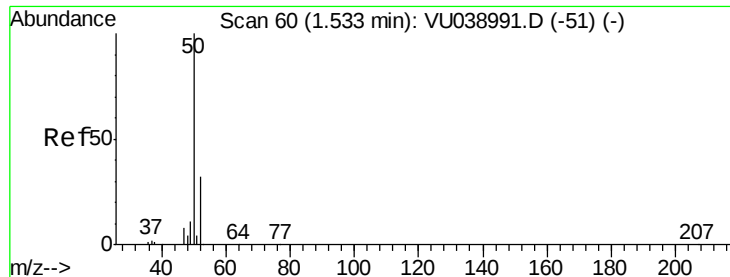
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 20 05:43:50 2020
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#3

Chloromethane

Concen: 0.216 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU038994.D

Acq: 19 Jun 2020 20:46

Instrument :

MSVOA_U

ClientSampleId :

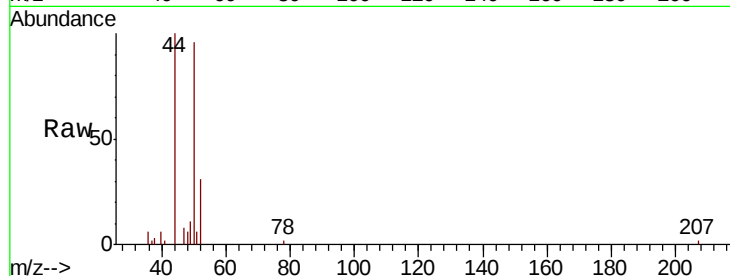
VHBLK01

Tot Ion: 50 Resp: 5876

Ion Ratio Lower Upper

50 100

52 32.6 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VU038994.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU038994.D (-51) (-)

1.53

6000

5000

4000

3000

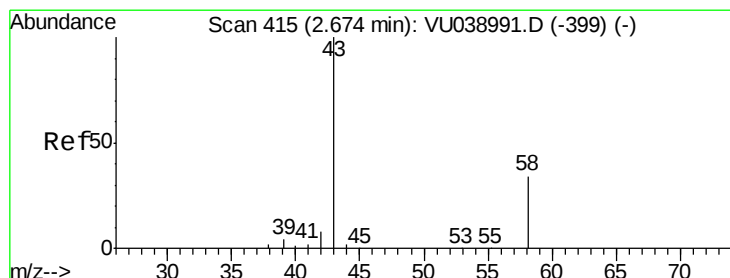
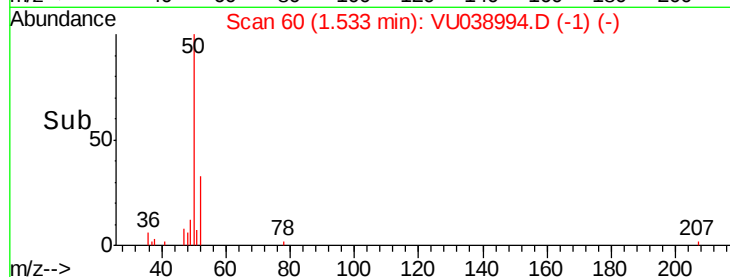
2000

1000

0

Time-->

1.50 1.55 1.60



#13

Acetone

Concen: 3.376 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU038994.D

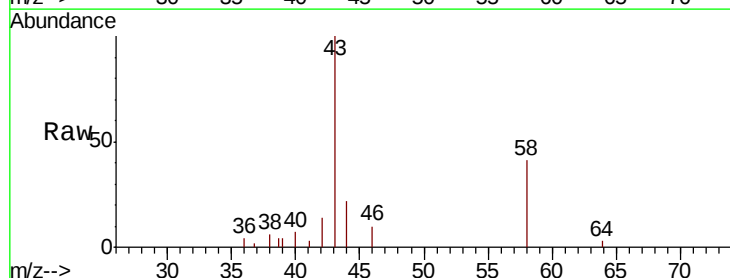
Acq: 19 Jun 2020 20:46

Tgt Ion: 43 Resp: 15551

Ion Ratio Lower Upper

43 100

58 35.7 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU038994.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038994.D (-399) (-)

2.67

5000

4000

3000

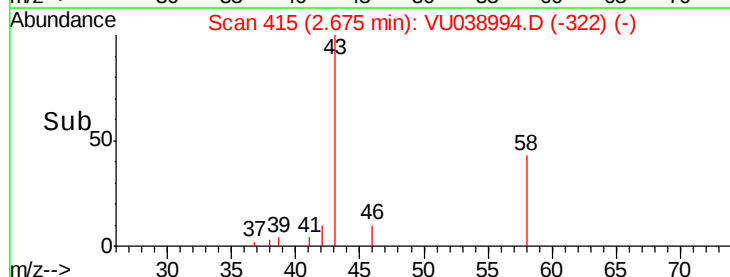
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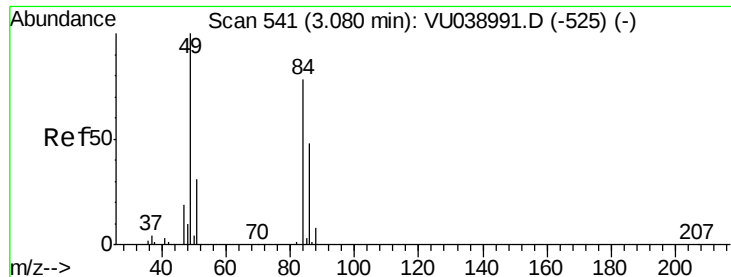
1000

0

Time-->

2.60 2.65 2.70 2.75

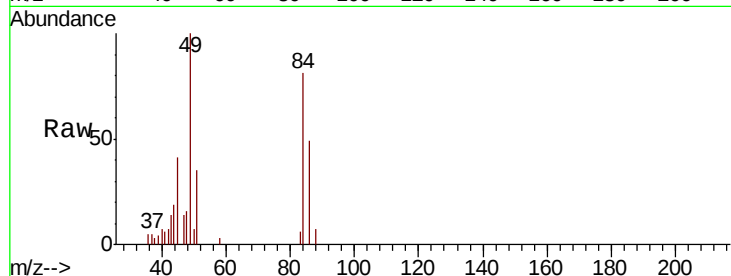




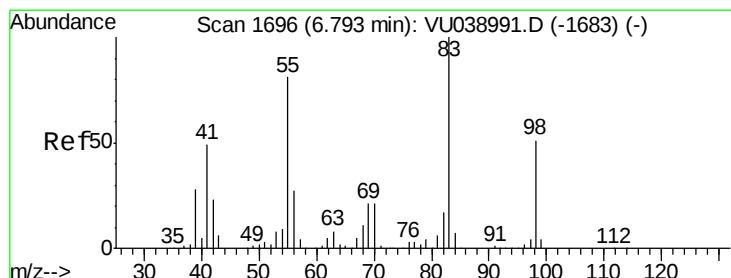
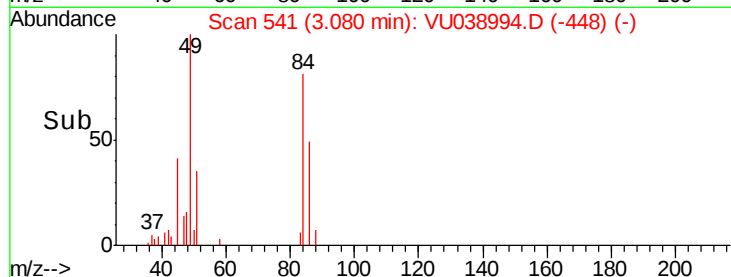
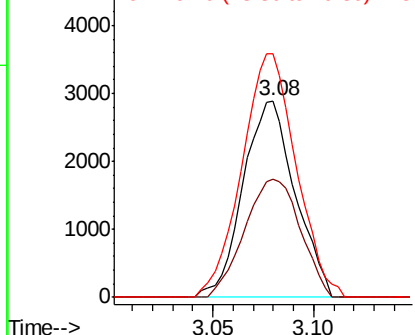
#16
Methylene chloride
Concen: 0.213 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038994.D
Acq: 19 Jun 2020 20:46

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 84 Resp: 5208
Ion Ratio Lower Upper
84 100
86 60.4 45.1 83.7
49 123.6 90.3 167.7

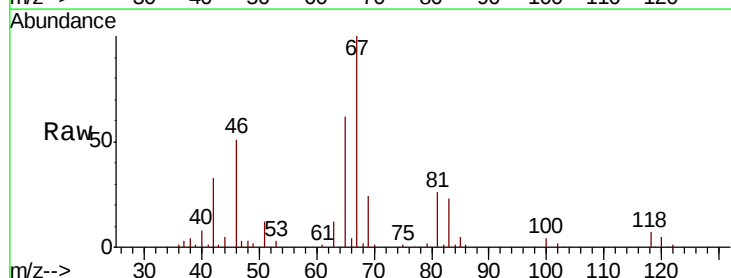


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

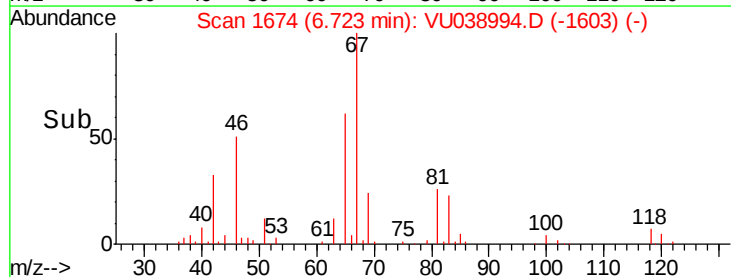
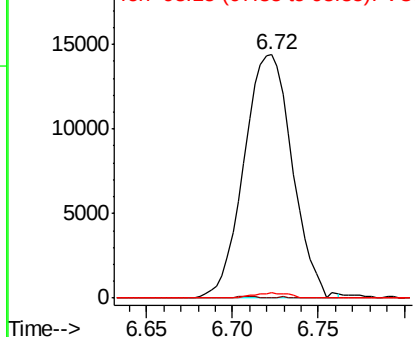


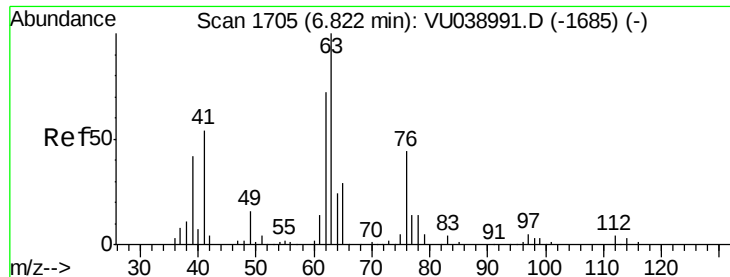
#35
Methylcyclohexane
Concen: 0.831 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038994.D
Acq: 19 Jun 2020 20:46

Tgt Ion: 83 Resp: 28028
Ion Ratio Lower Upper
83 100
55 0.1 64.2 96.2#
98 1.5 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

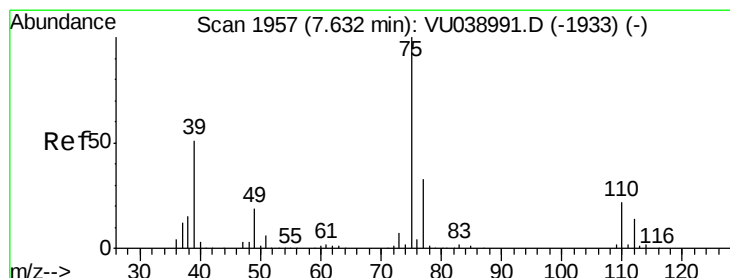
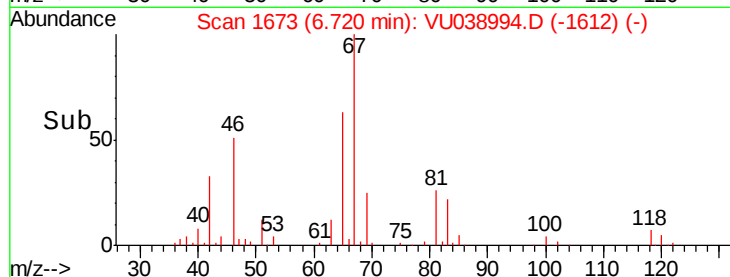
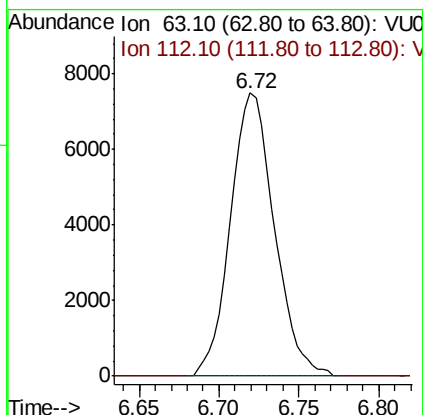
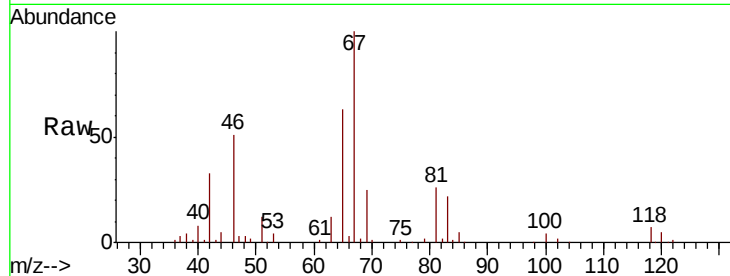




#37
 1,2-Dichloropropane
 Concen: 0.593 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038994.D
 Acq: 19 Jun 2020 20:46

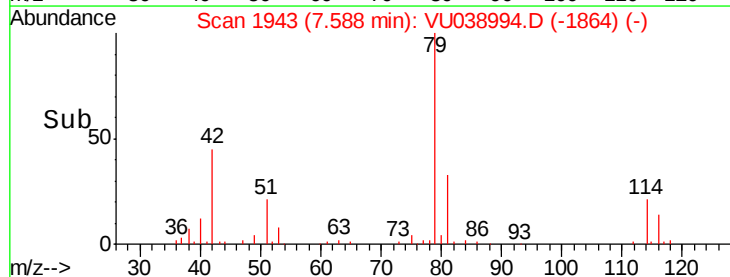
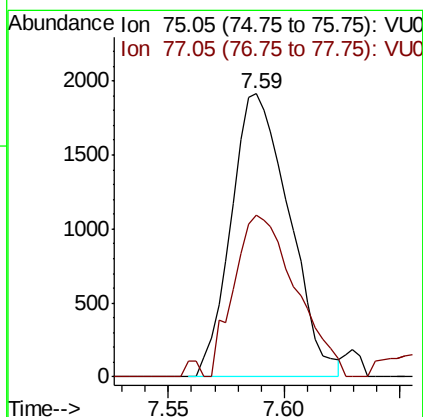
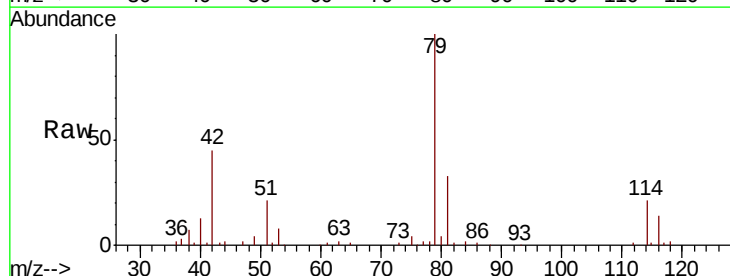
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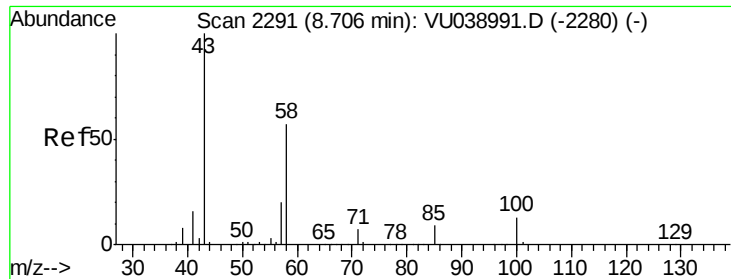
Tot Ion: 63 Resp: 14008
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038994.D
 Acq: 19 Jun 2020 20:46

Tgt Ion: 75 Resp: 3331
 Ion Ratio Lower Upper
 75 100
 77 57.1 22.3 41.3#

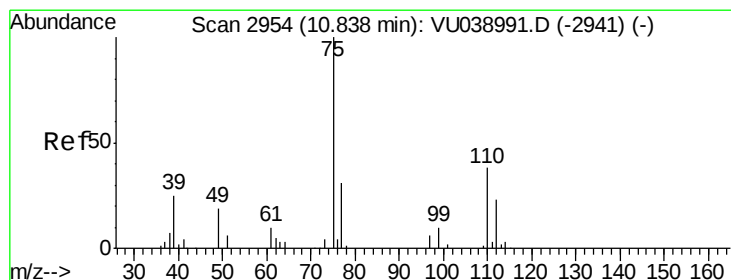
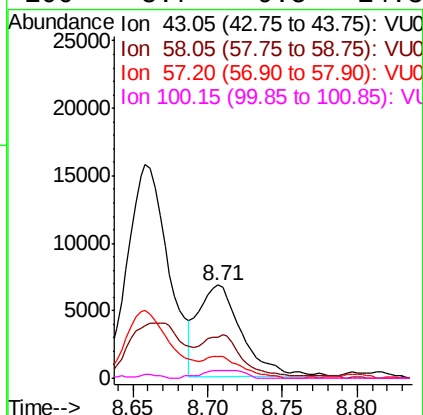
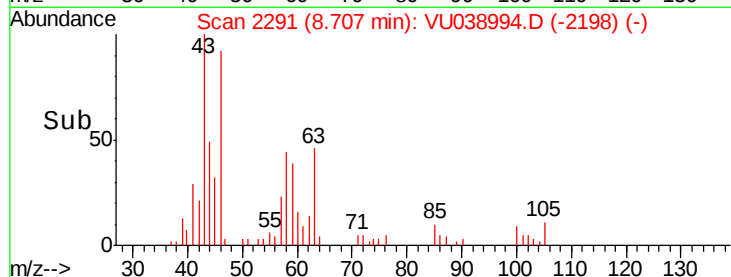
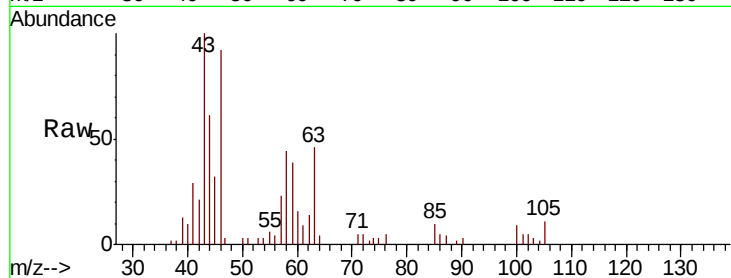




#48
2-Hexanone
Concen: 1.013 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038994.D
Acq: 19 Jun 2020 20:46

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 43 Resp: 13584
Ion Ratio Lower Upper
43 100
58 43.0 43.2 64.8#
57 20.9 15.2 22.8
100 8.7 9.5 14.3#



#59
1,2,3-Trichloropropane
Concen: 1.009 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038994.D
Acq: 19 Jun 2020 20:46

Tgt Ion: 75 Resp: 17149
Ion Ratio Lower Upper
75 100
77 36.4 25.9 38.9

