

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053020\
 Data File : VU038392.D
 Acq On : 29 May 2020 21:33
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 30 00:06:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	286496	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	276063	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	136322	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	117439	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.93	69	92524	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.59	63	172384	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.67	46	373447	57.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.52%
24) Chloroform-d	5.10	84	218306	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.74	65	127812	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.76	84	453636	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.72	67	138031	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.92	98	388582	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	8.20	79	55508	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.65	63	316135	62.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.20%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	113963	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	150525	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

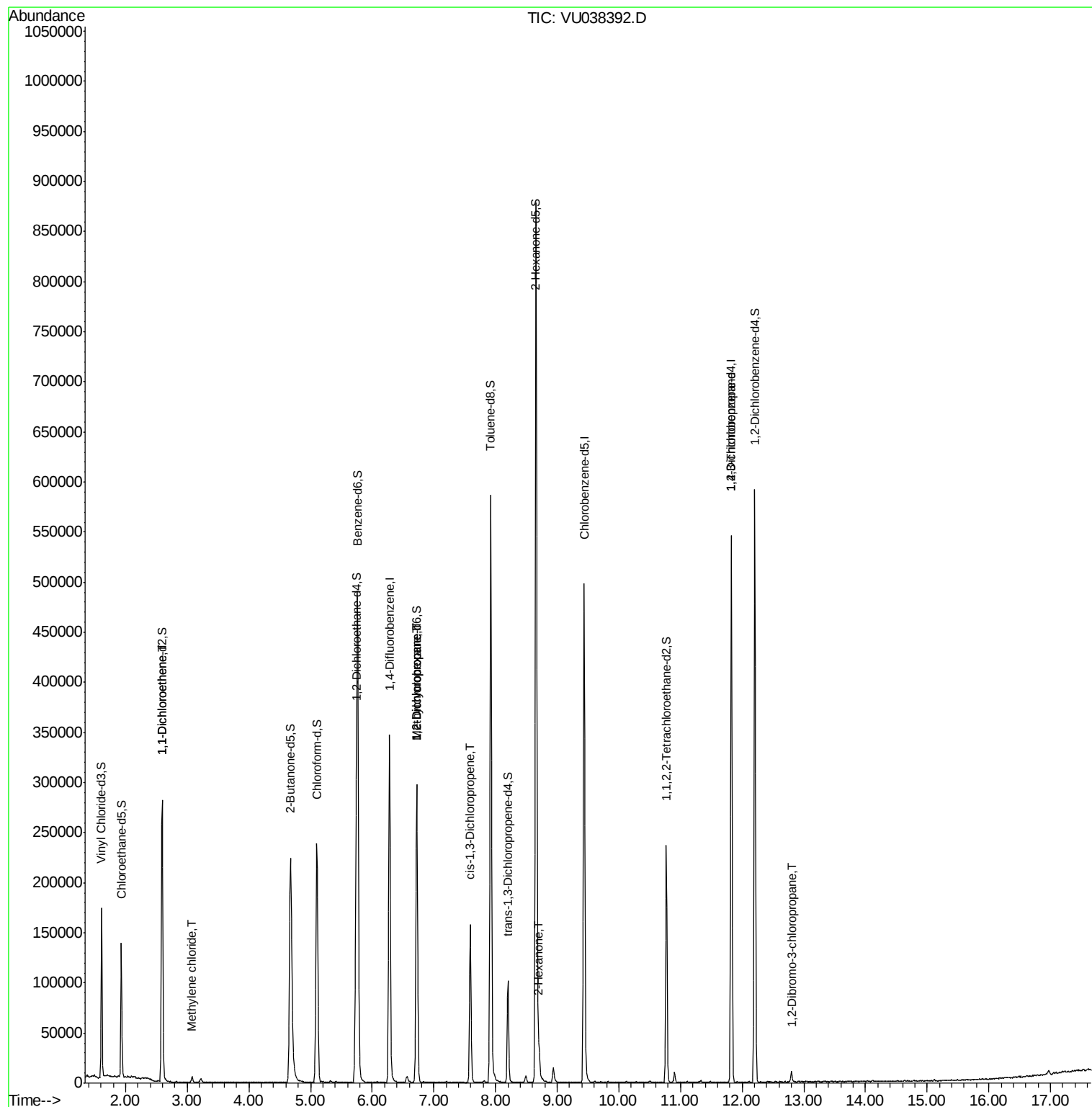
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1341	0.067 ug/L #	1
16) Methylene chloride	3.08	84	2569	0.111 ug/L	82
35) Methylcyclohexane	6.72	83	31811	0.888 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15170	0.632 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3524	0.103 ug/L #	67
48) 2-Hexanone	8.71	43	13653	1.120 ug/L #	97
59) 1,2,3-Trichloropropane	11.83	75	16769	1.040 ug/L	89
66) 1,2-Dibromo-3-chloropropan	12.79	75	412	0.118 ug/L #	8

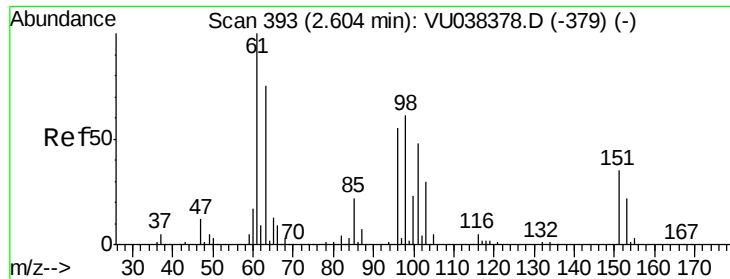
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU038392.D

Acq: 29 May 2020 21:33

Instrument :

MSVOA_U

ClientSampleId :

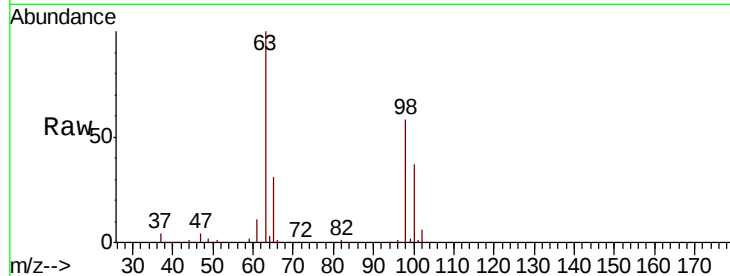
Tot Ion: 96 Resp: 1341

Ion Ratio Lower Upper

96 100

61 1219.9 126.2 234.4#

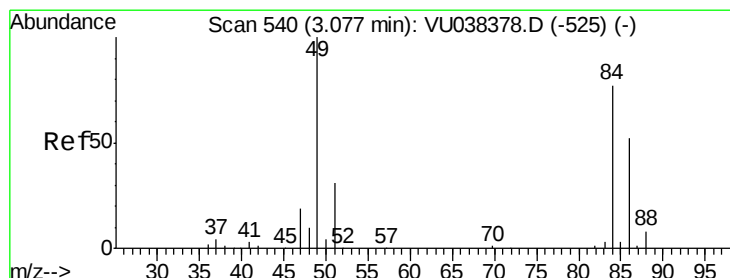
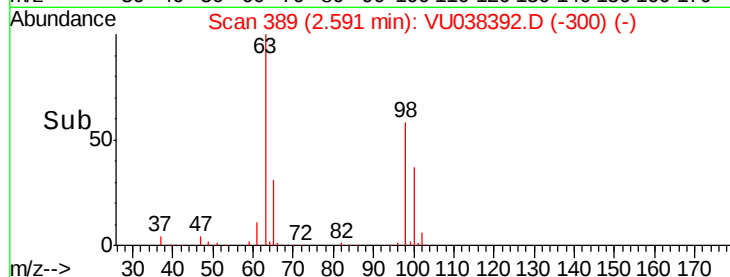
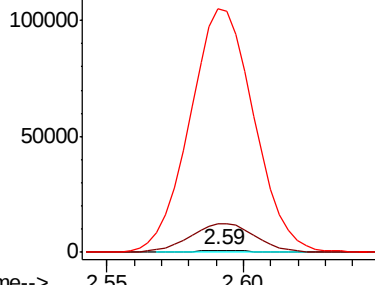
63 10620.8 96.9 179.9#



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



#16

Methylene chloride

Concen: 0.111 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038392.D

Acq: 29 May 2020 21:33

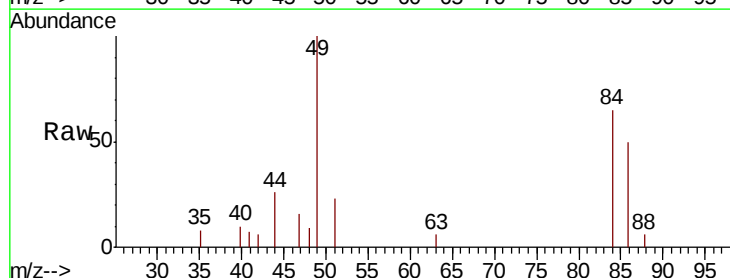
Tgt Ion: 84 Resp: 2569

Ion Ratio Lower Upper

84 100

86 77.1 44.9 83.3

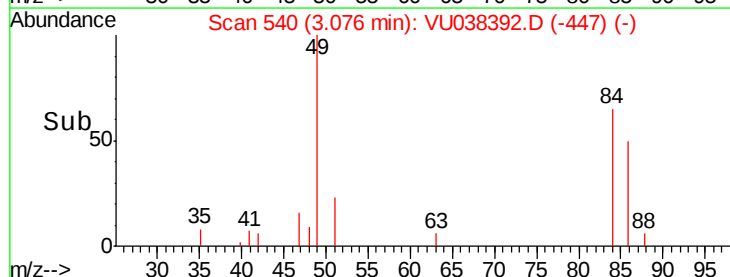
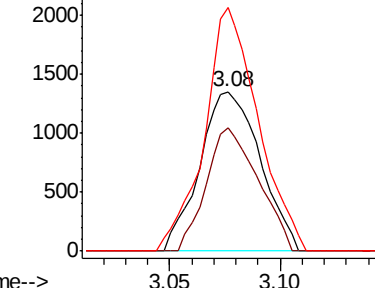
49 152.8 92.0 170.9

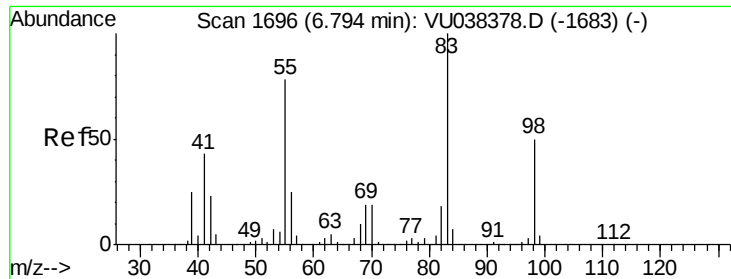


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

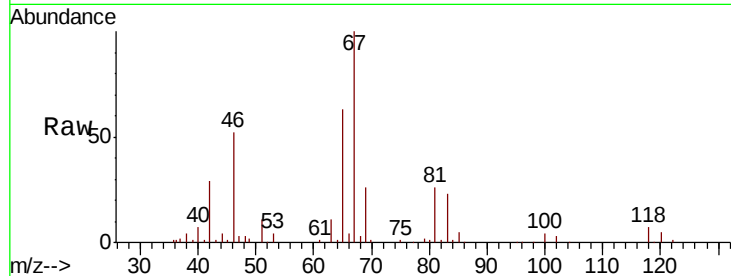




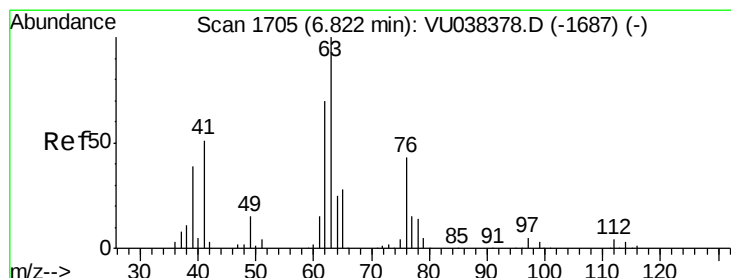
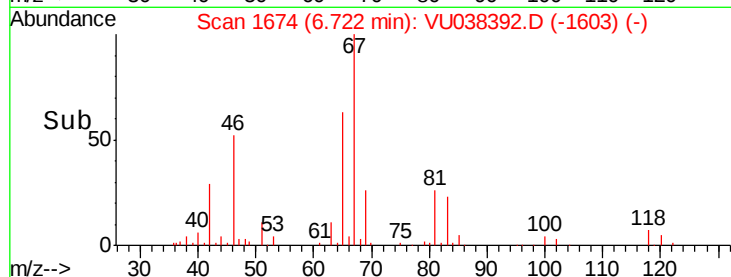
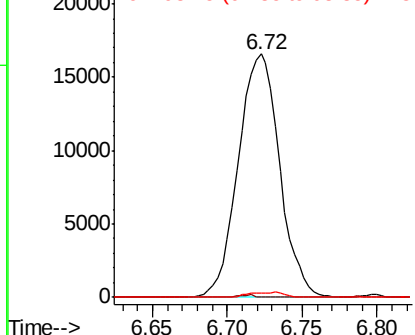
#35
Methvlcvclohexane
Concen: 0.888 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038392.D
Acq: 29 May 2020 21:33

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 31811
Ion Ratio Lower Upper
83 100
55 0.3 66.7 100.1#
98 0.9 39.4 59.2#

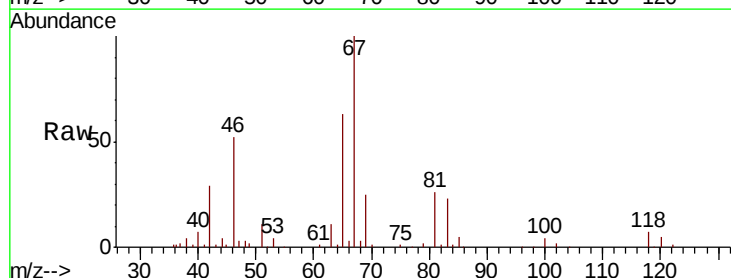


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

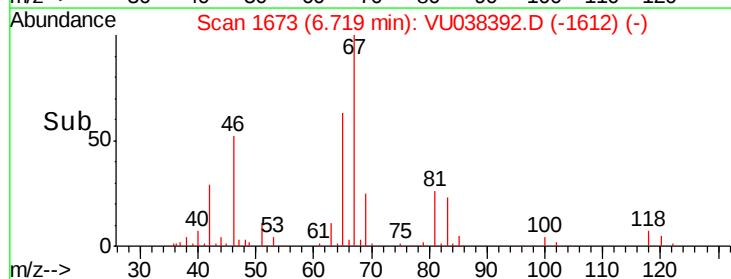
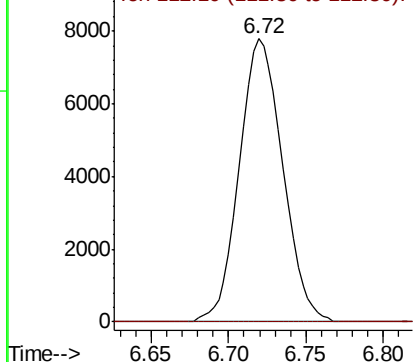


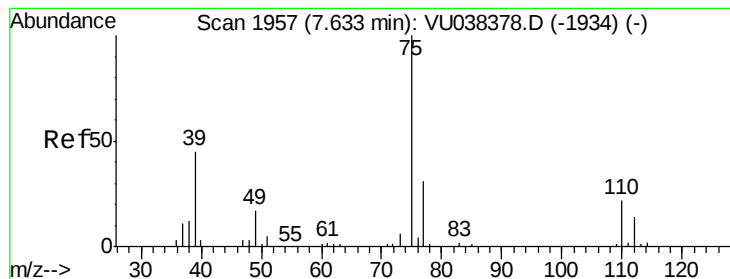
#37
1,2-Dichloropropane
Concen: 0.632 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038392.D
Acq: 29 May 2020 21:33

Tgt Ion: 63 Resp: 15170
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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



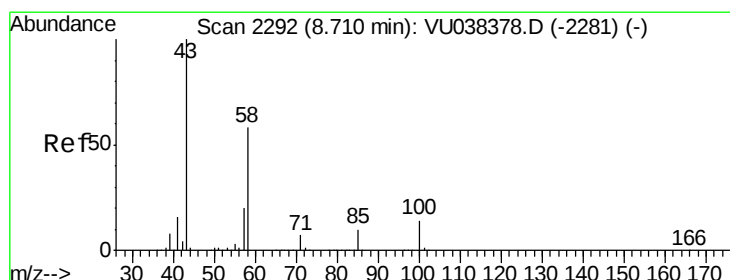
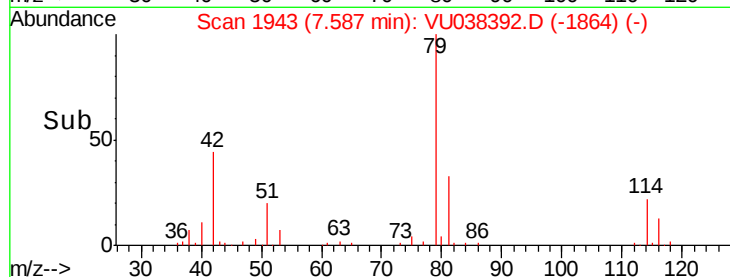
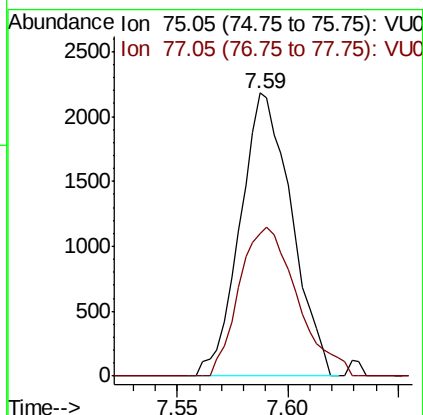
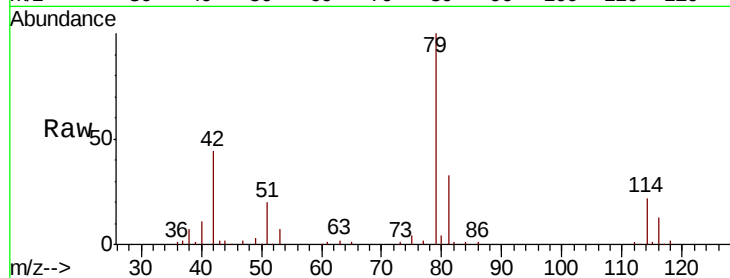


#39

cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.05 min
Lab File: VU038392.D
Acq: 29 May 2020 21:33

Instrument :
MSVOA_U
ClientSampleId :

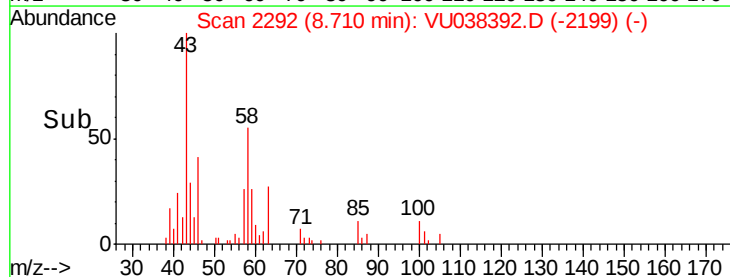
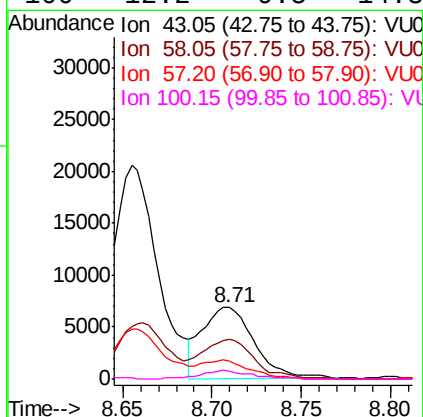
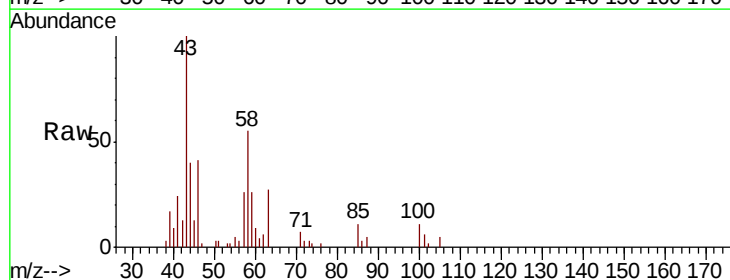
Tot Ion: 75 Resp: 3524
Ion Ratio Lower Upper
75 100
77 50.4 22.4 41.6#

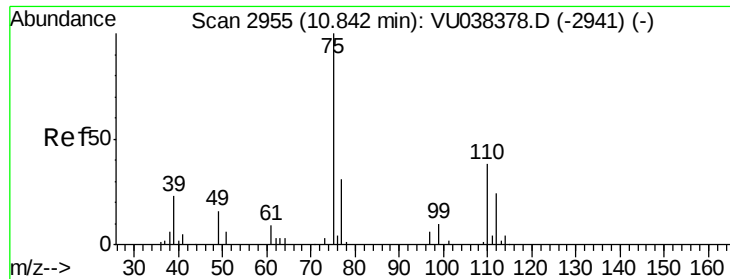


#48

2-Hexanone
Concen: 1.120 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VU038392.D
Acq: 29 May 2020 21:33

Tgt Ion: 43 Resp: 13653
Ion Ratio Lower Upper
43 100
58 55.7 45.2 67.8
57 24.4 15.5 23.3#
100 12.2 9.5 14.3

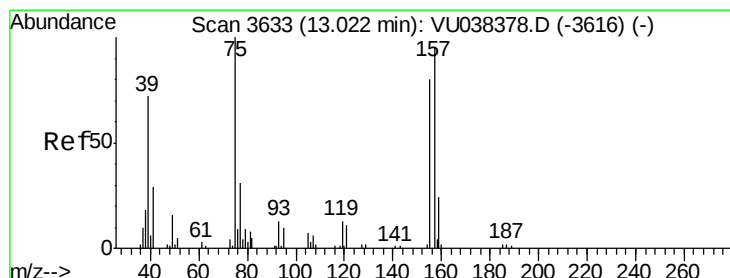
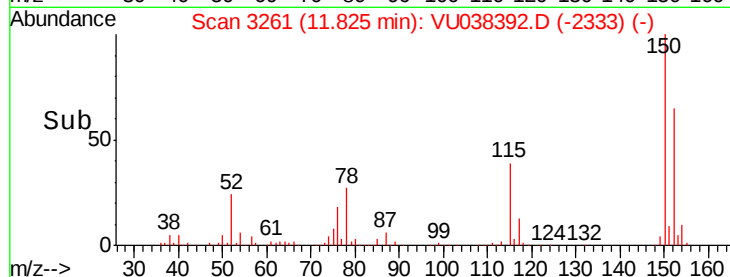
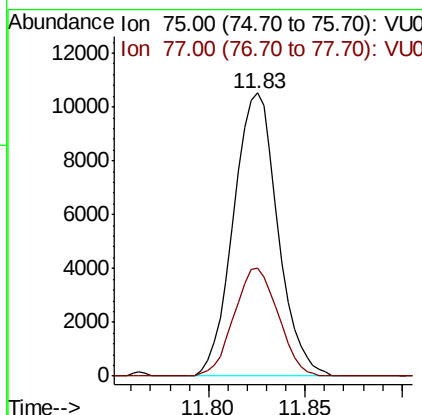
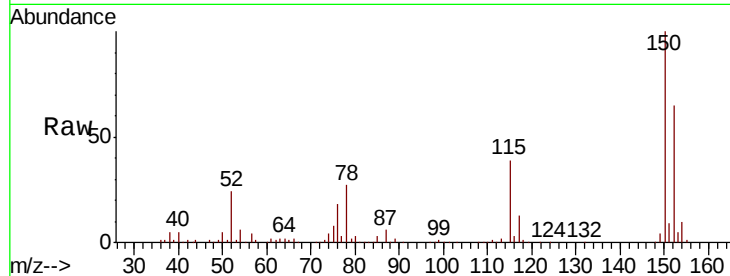




#59
 1,2,3-Trichloropropane
 Concen: 1.040 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038392.D
 Acq: 29 May 2020 21:33

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 16769
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.4 38.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.118 ug/L
 RT: 12.79 min Scan# 3562
 Delta R.T. -0.23 min
 Lab File: VU038392.D
 Acq: 29 May 2020 21:33

Tgt Ion: 75 Resp: 412
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.2 87.2#
 157 0.0 72.9 109.3#

