

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050820\
 Data File : VU038094.D
 Acq On : 08 May 2020 19:22
 Operator : JC/MD
 Sample : L2526-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 00:14:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:11:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	334532	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	330220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	150854	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	135680	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.93	69	120502	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.59	63	167105	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.66	46	339361	44.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.90%
24) Chloroform-d	5.10	84	193590	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.74	65	127250	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.76	84	466070	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.72	67	153242	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.92	98	403753	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	52630	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.65	63	284953	47.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115464	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	145569	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

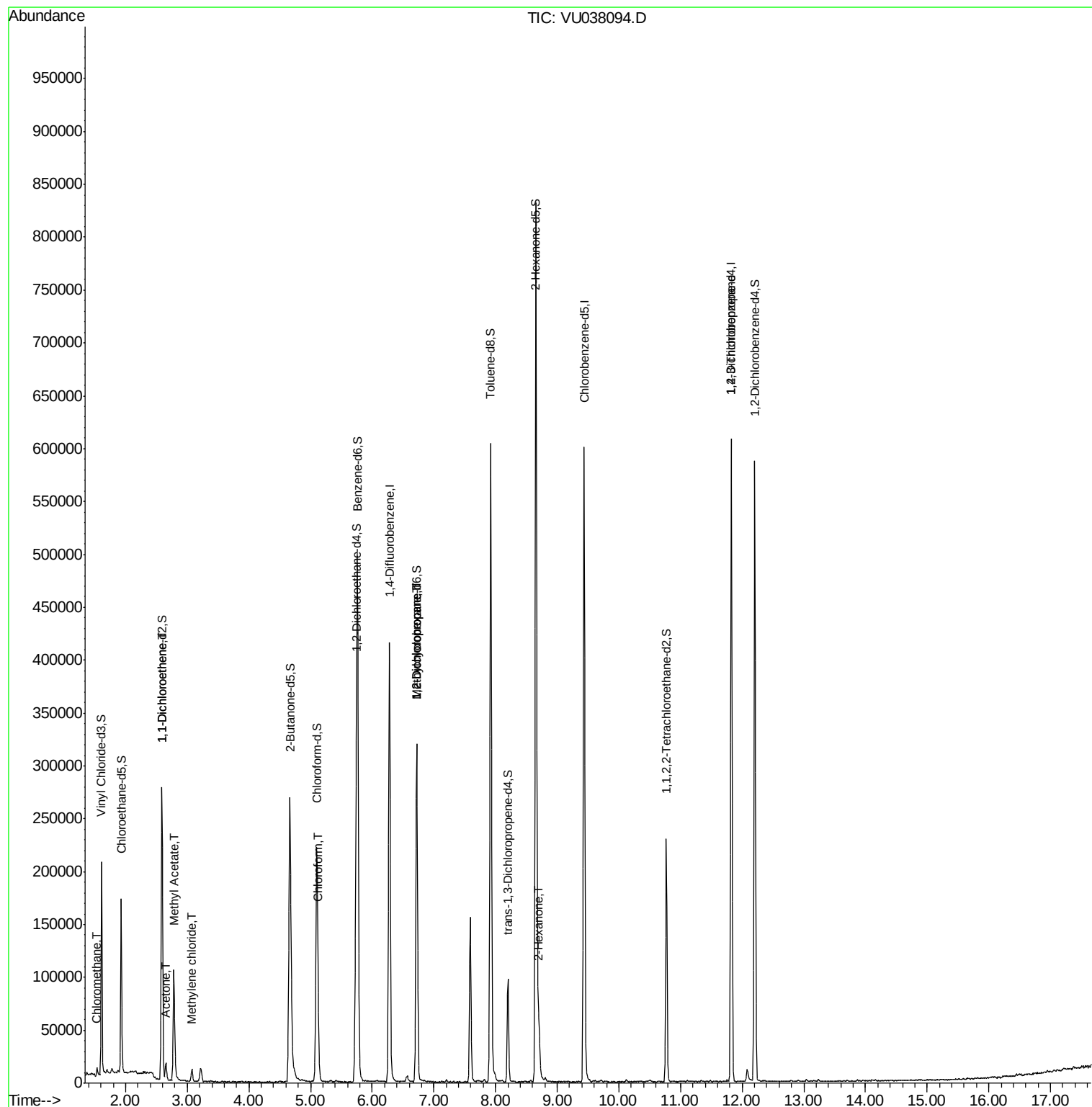
					Ovalue
3) Chloromethane	1.54	50	4235	0.115 ug/L	90
12) 1,1-Dichloroethene	2.59	96	1405	0.061 ug/L #	1
13) Acetone	2.65	43	18810	3.971 ug/L	96
15) Methyl Acetate	2.78	43	27476	2.074 ug/L #	53
16) Methylene chloride	3.08	84	5255	0.194 ug/L	85
25) Chloroform	5.13	83	22910	0.496 ug/L	94
35) Methylcyclohexane	6.72	83	33798	0.789 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15664	0.545 ug/L #	88
48) 2-Hexanone	8.70	43	29127	1.998 ug/L #	89
59) 1,2,3-Trichloropropane	11.83	75	21752	1.128 ug/L	91

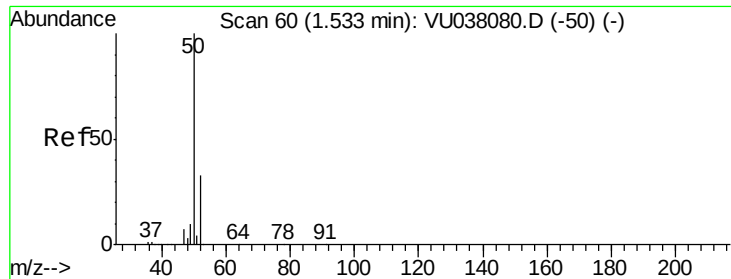
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 09 00:11:09 2020
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#3

Chloromethane

Concen: 0.115 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU038094.D

Acq: 08 May 2020 19:22

Instrument :

MSVOA_U

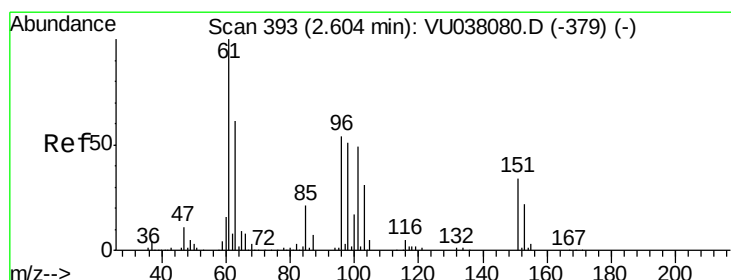
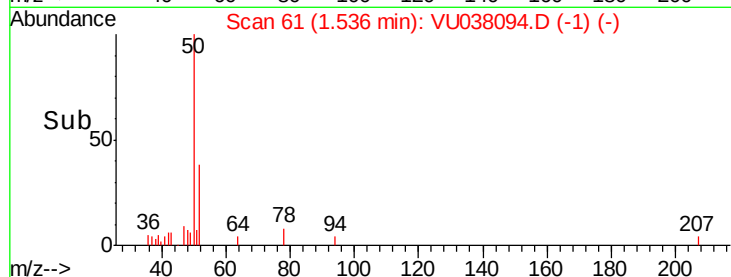
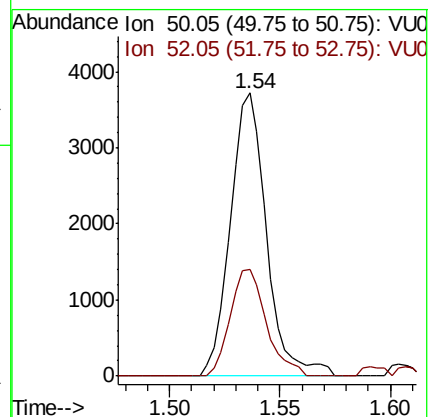
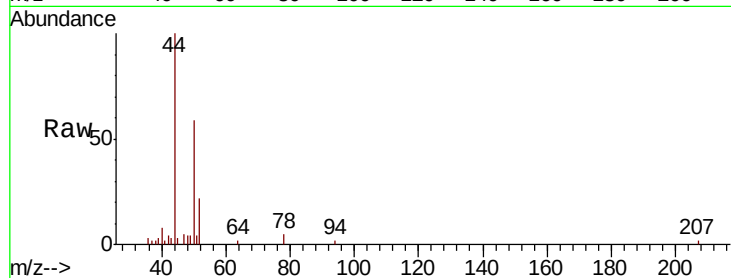
ClientSampleId :

Tot Ion: 50 Resp: 4235

Ion Ratio Lower Upper

50 100

52 37.7 22.5 41.7



#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU038094.D

Acq: 08 May 2020 19:22

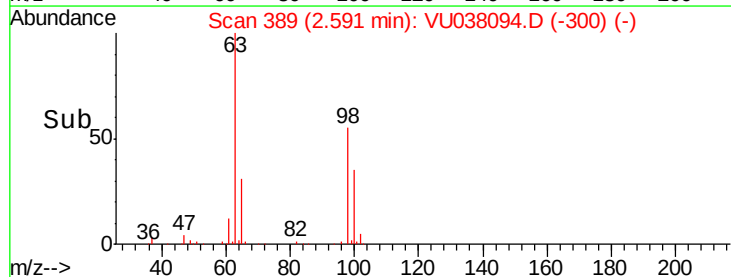
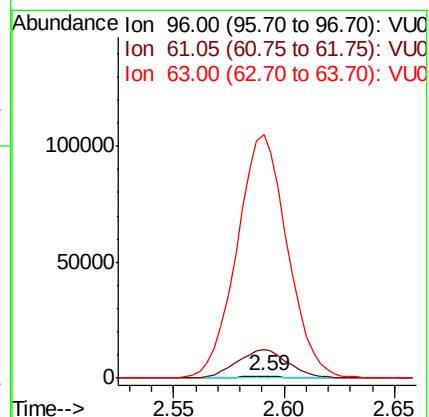
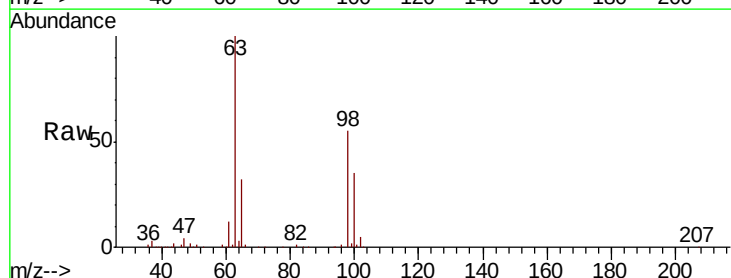
Tgt Ion: 96 Resp: 1405

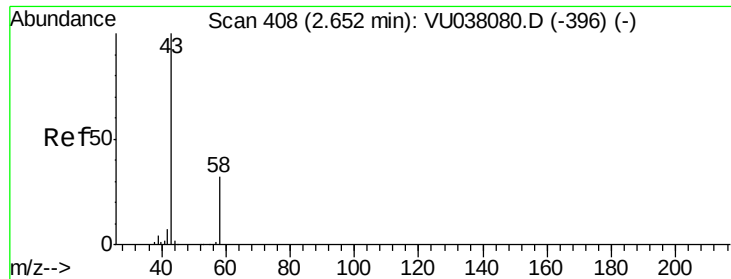
Ion Ratio Lower Upper

96 100

61 1481.2 126.2 234.4#

63 12488.9 96.9 179.9#

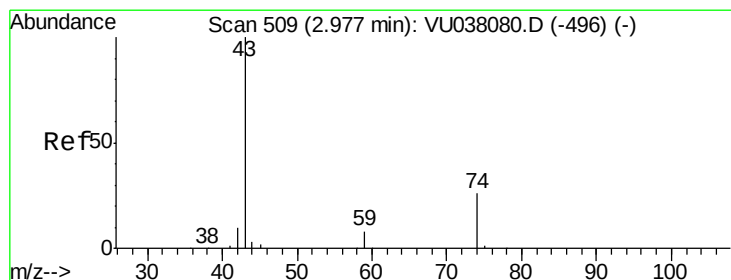
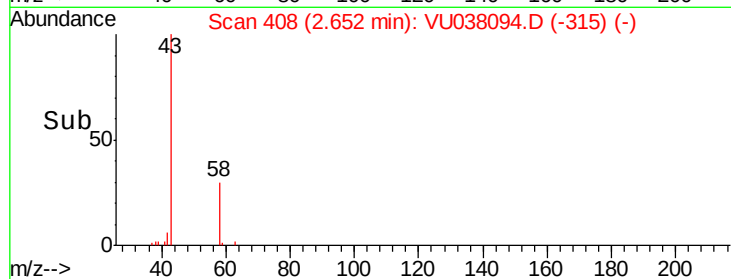
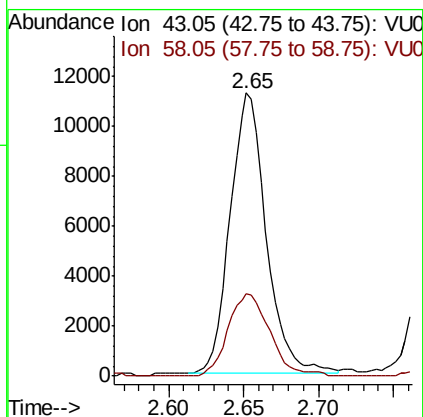
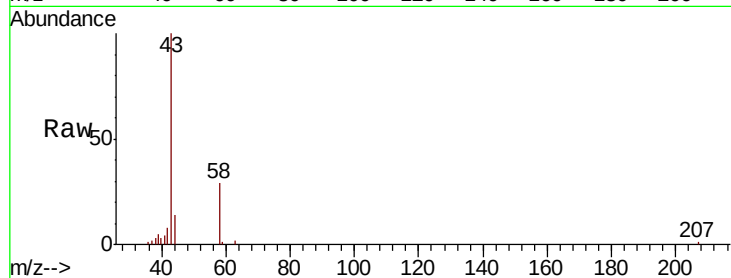




#13
Acetone
Concen: 3.971 ug/L
RT: 2.65 min Scan# 408
Delta R.T. -0.00 min
Lab File: VU038094.D
Acq: 08 May 2020 19:22

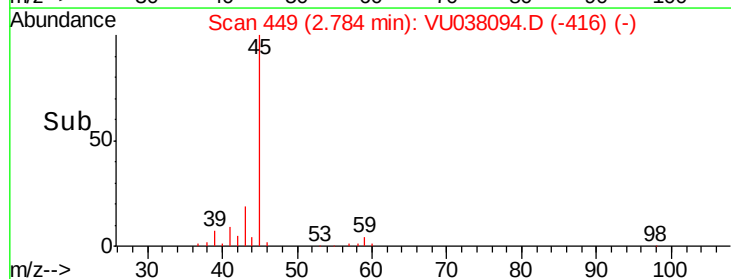
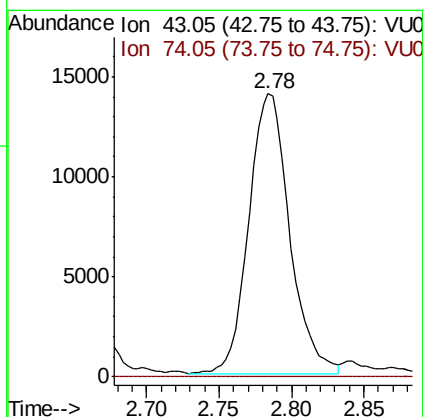
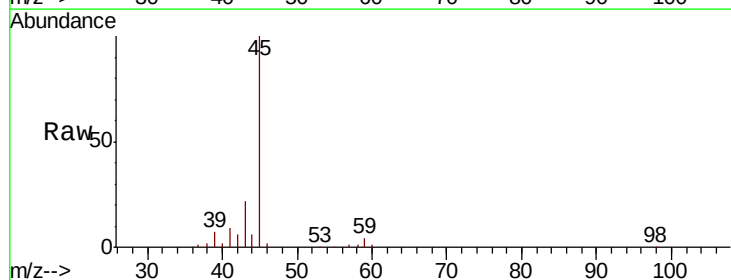
Instrument :
MSVOA_U
ClientSampleId :

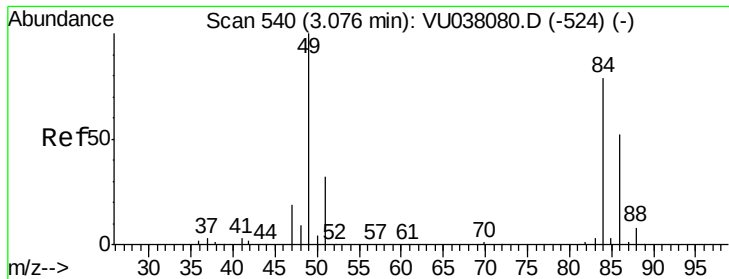
Tot Ion: 43 Resp: 18810
Ion Ratio Lower Upper
43 100
58 33.9 0.0 63.6



#15
Methyl Acetate
Concen: 2.074 ug/L
RT: 2.78 min Scan# 449
Delta R.T. -0.19 min
Lab File: VU038094.D
Acq: 08 May 2020 19:22

Tgt Ion: 43 Resp: 27476
Ion Ratio Lower Upper
43 100
74 0.1 18.0 27.0#

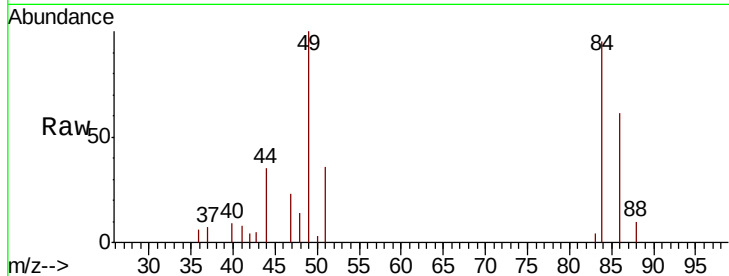




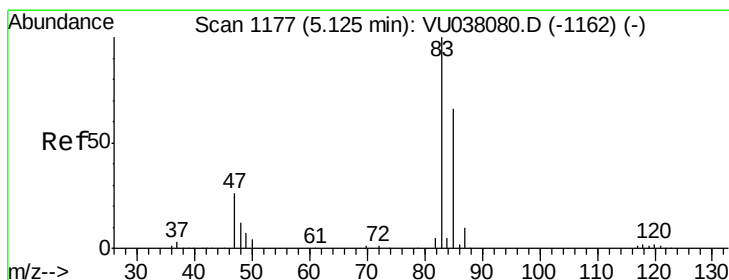
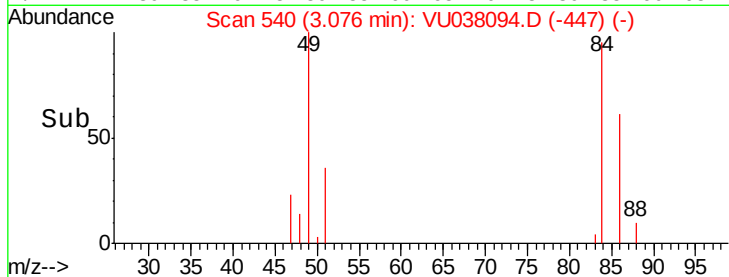
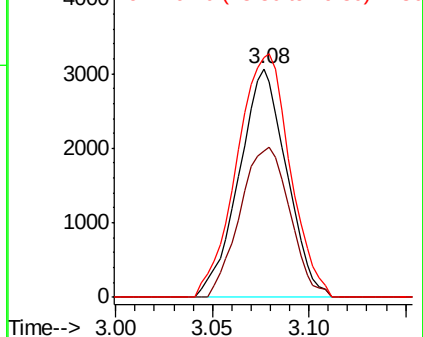
#16
Methvlene chloride
Concen: 0.194 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038094.D
Acq: 08 May 2020 19:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 5255
Ion Ratio Lower Upper
84 100
86 64.3 44.9 83.3
49 105.2 92.0 170.9

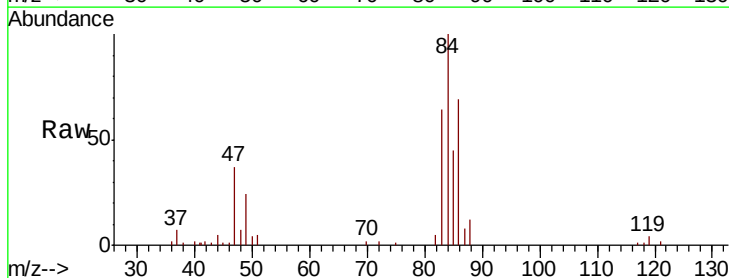


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

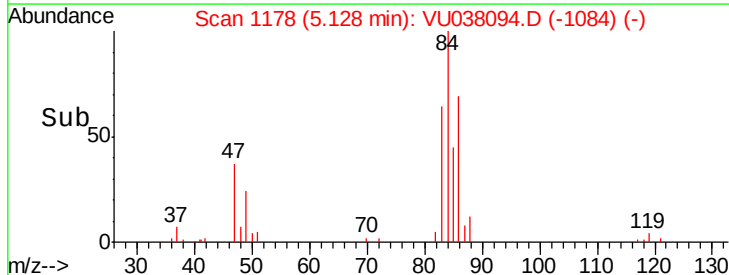
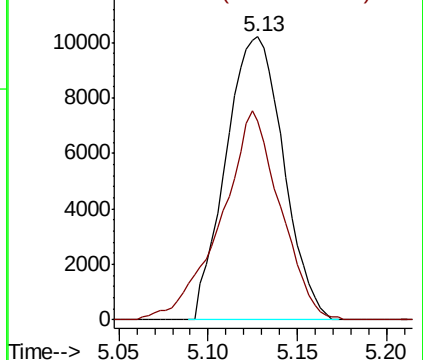


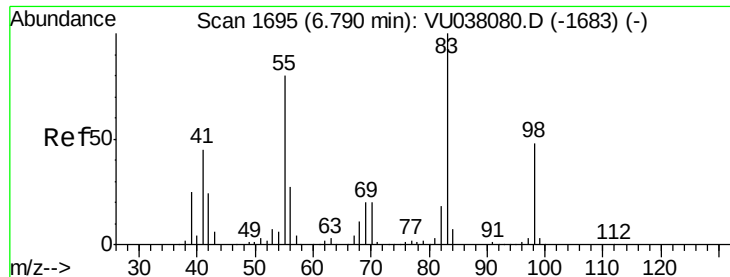
#25
Chloroform
Concen: 0.496 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038094.D
Acq: 08 May 2020 19:22

Tgt Ion: 83 Resp: 22910
Ion Ratio Lower Upper
83 100
85 70.4 46.2 85.8



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

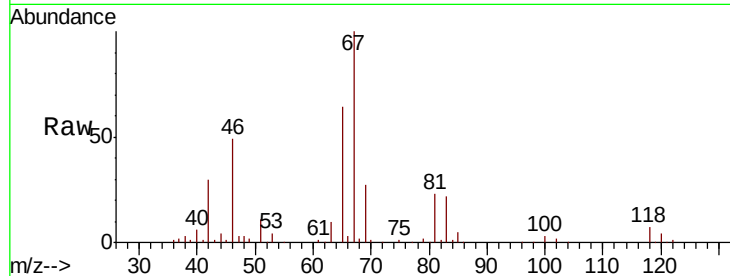




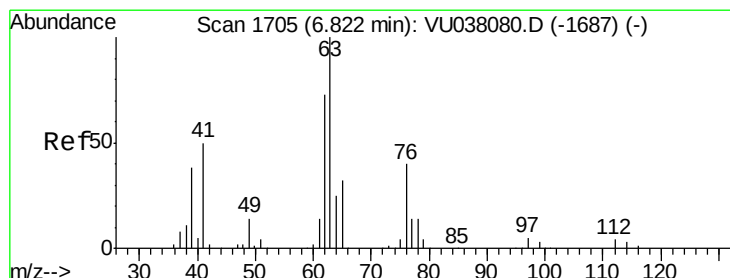
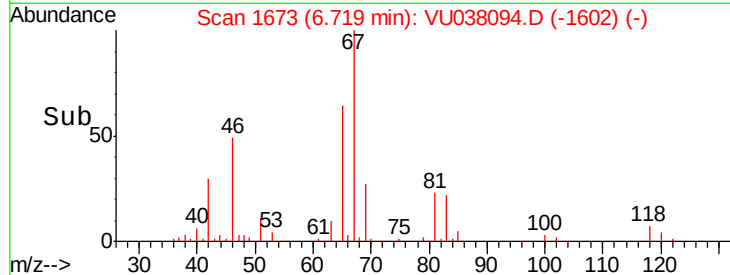
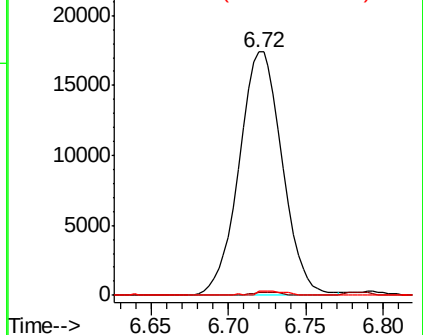
#35
Methylvlcyclohexane
Concen: 0.789 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038094.D
Acq: 08 May 2020 19:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 33798
Ion Ratio Lower Upper
83 100
55 0.8 66.7 100.1#
98 1.2 39.4 59.2#

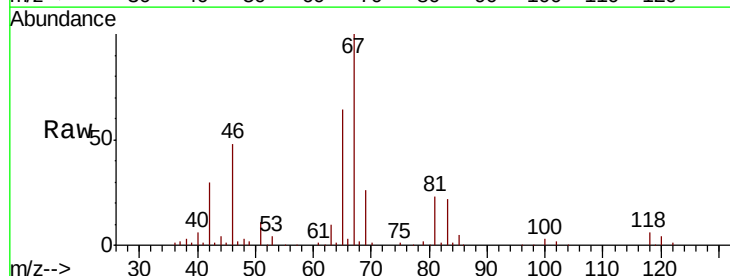


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

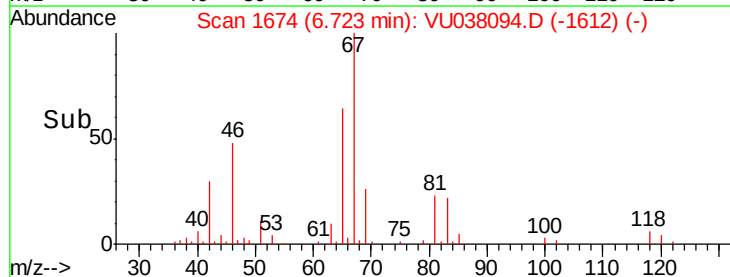
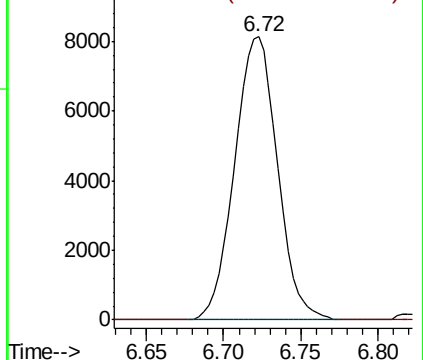


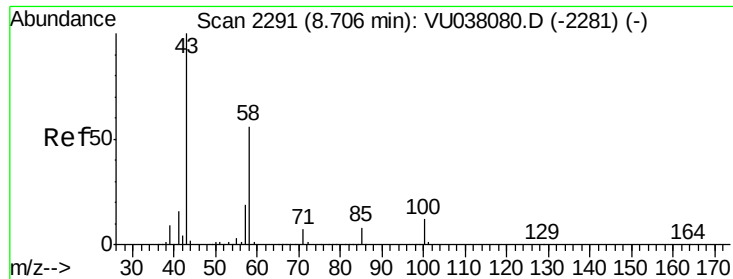
#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038094.D
Acq: 08 May 2020 19:22

Tgt Ion: 63 Resp: 15664
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

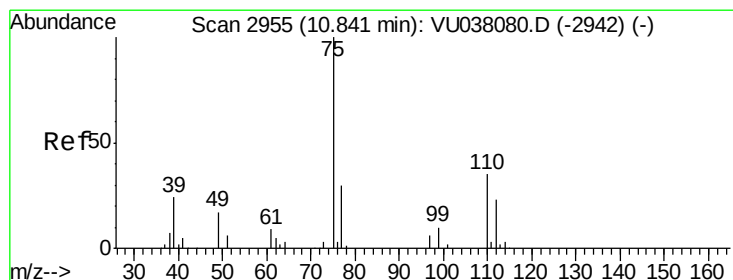
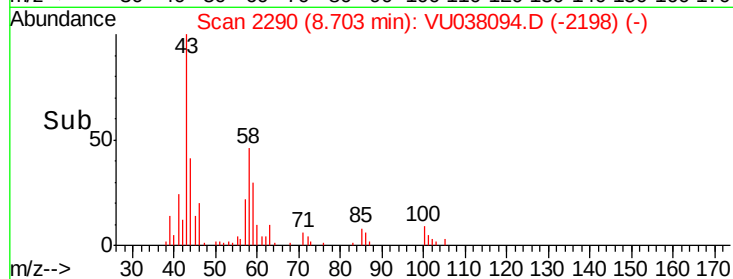
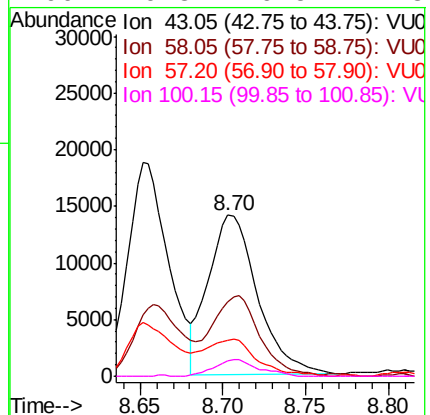
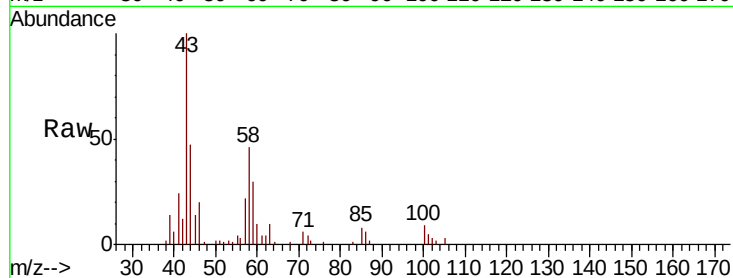




#48
 2-Hexanone
 Concen: 1.998 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: VU038094.D
 Acq: 08 May 2020 19:22

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	43	Resp:	29127
Ion	Ratio	Lower	Upper
43	100		
58	47.2	45.2	67.8
57	23.6	15.5	23.3#
100	9.3	9.5	14.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.128 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038094.D
 Acq: 08 May 2020 19:22

Tgt Ion:	75	Resp:	21752
Ion	Ratio	Lower	Upper
75	100		
77	36.5	25.4	38.0

