

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050820\
 Data File : VU038093.D
 Acq On : 08 May 2020 18:59
 Operator : JC/MD
 Sample : L2538-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 00:14:30 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	331724	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	325373	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	149573	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	135969	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.93	69	119754	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.59	63	166627	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.66	46	342480	45.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.50%
24) Chloroform-d	5.10	84	190375	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.74	65	123029	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.76	84	466185	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.72	67	152456	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	408286	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.20	79	52880	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.65	63	285498	47.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115911	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	145484	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

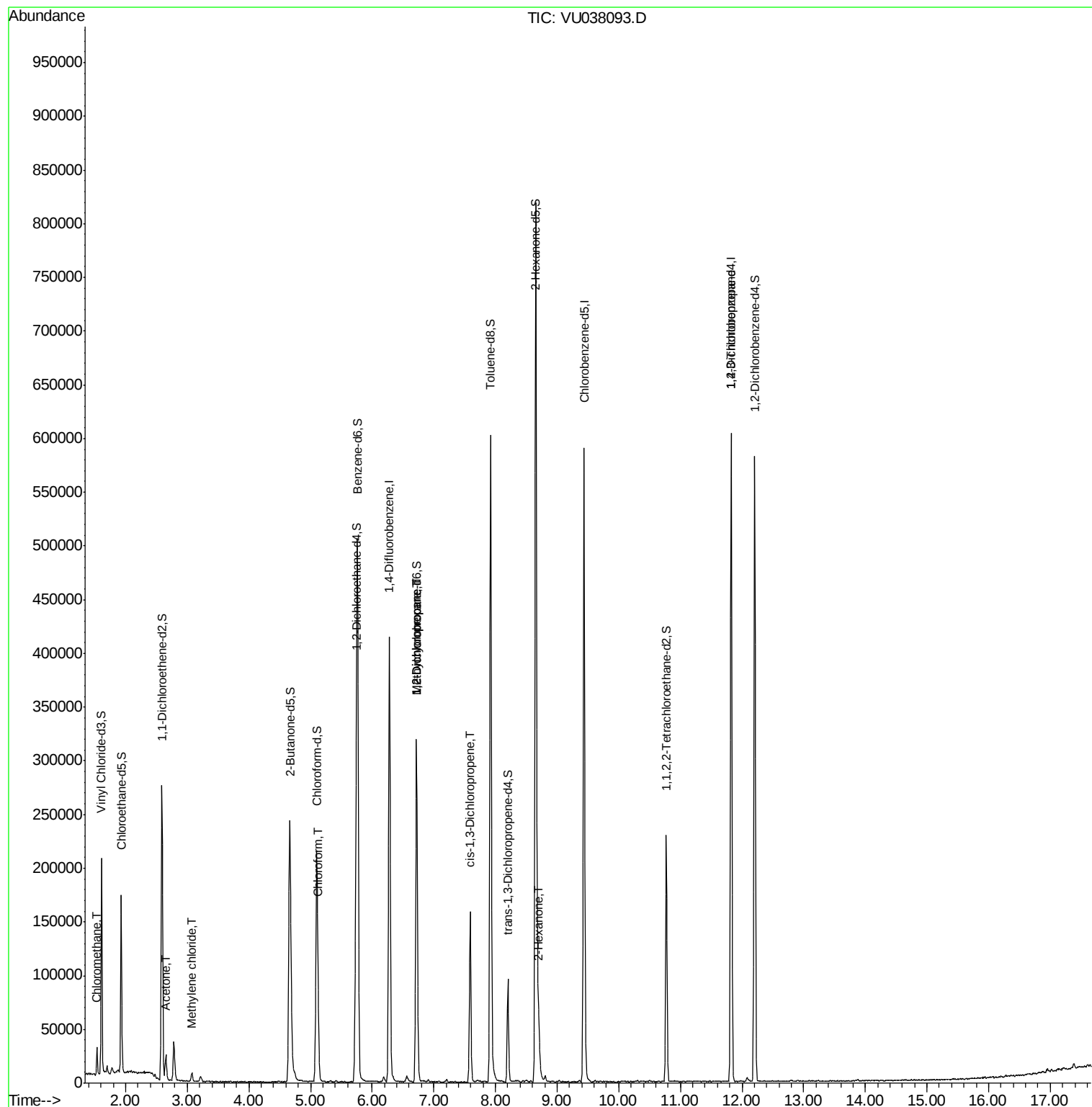
					Ovalue
3) Chloromethane	1.53	50	17454	0.477 ug/L	97
13) Acetone	2.65	43	27203	5.792 ug/L	99
16) Methylene chloride	3.08	84	3394	0.126 ug/L	93
25) Chloroform	5.13	83	25693	0.561 ug/L	99
35) Methylcyclohexane	6.72	83	34044	0.806 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15745	0.556 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3399	0.084 ug/L #	66
48) 2-Hexanone	8.71	43	30472	2.121 ug/L #	91
59) 1,2,3-Trichloropropane	11.83	75	20778	1.094 ug/L	90

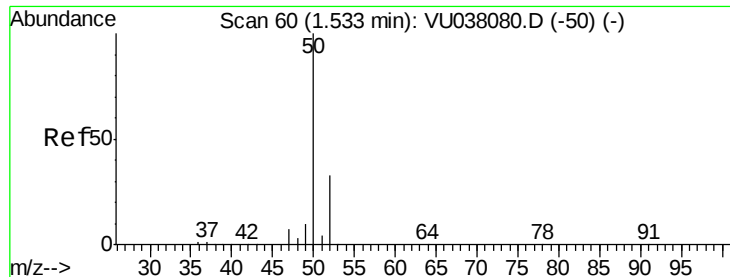
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.477 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU038093.D

Acq: 08 May 2020 18:59

Instrument :

MSVOA_U

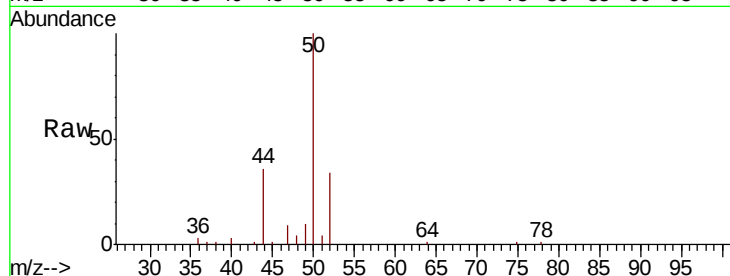
ClientSampled :

Tot Ion: 50 Resp: 17454

Ion Ratio Lower Upper

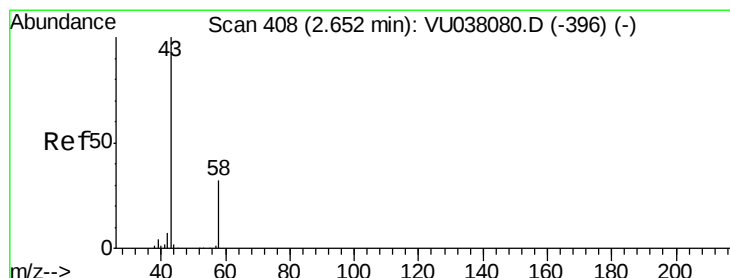
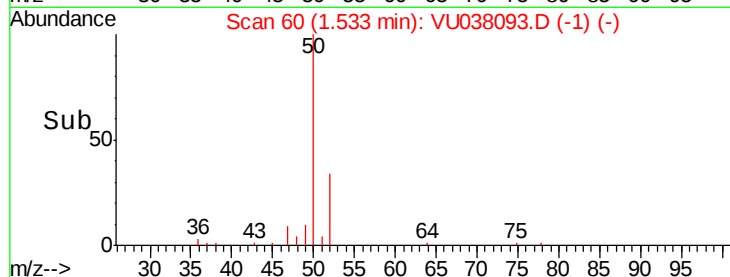
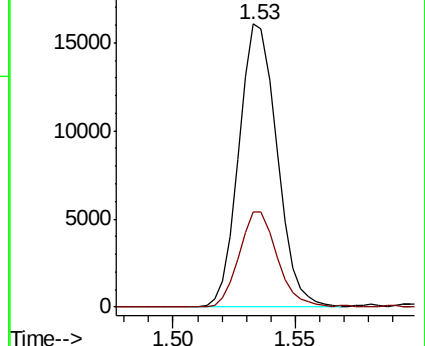
50 100

52 33.6 22.5 41.7



Abundance Ion 50.05 (49.75 to 50.75): VU038080.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU038080.D (-50) (-)



#13

Acetone

Concen: 5.792 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038093.D

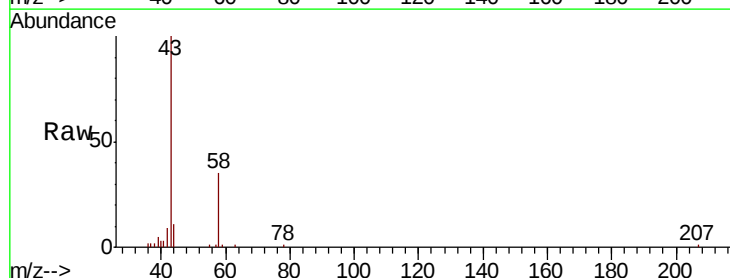
Acq: 08 May 2020 18:59

Tgt Ion: 43 Resp: 27203

Ion Ratio Lower Upper

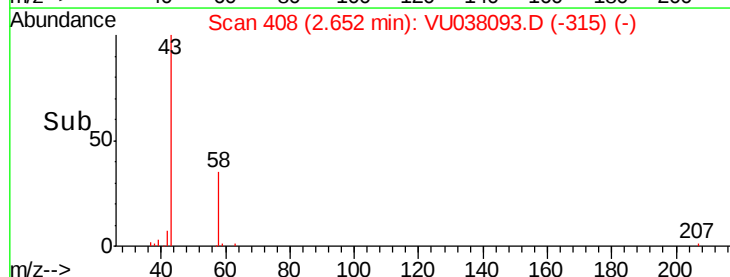
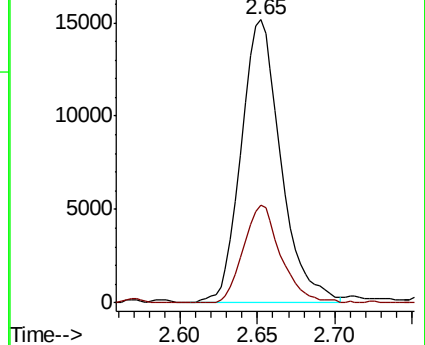
43 100

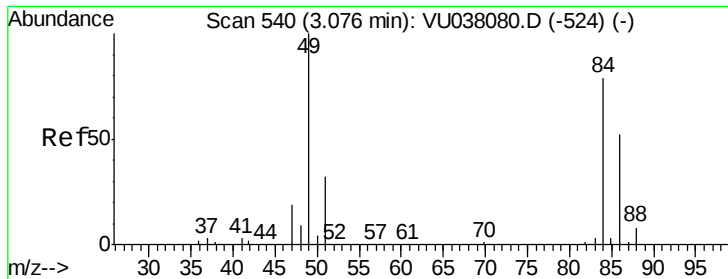
58 32.4 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038080.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU038080.D (-396) (-)

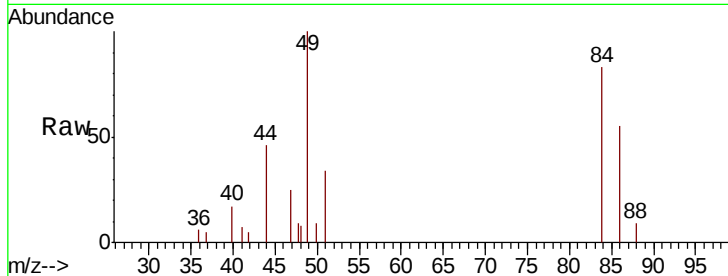




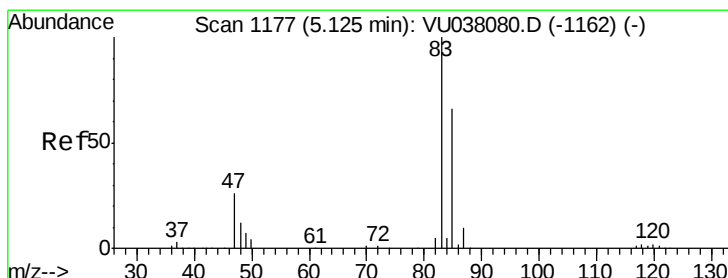
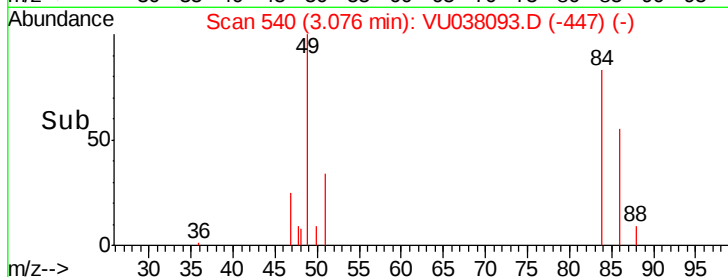
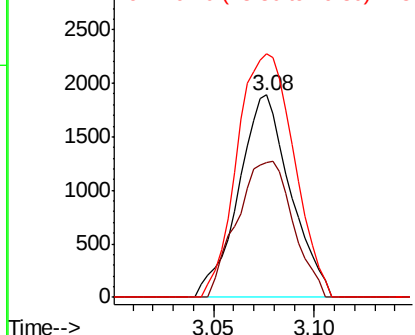
#16
Methvlene chloride
Concen: 0.126 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038093.D
Acq: 08 May 2020 18:59

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 3394
Ion Ratio Lower Upper
84 100
86 66.4 44.9 83.3
49 120.3 92.0 170.9

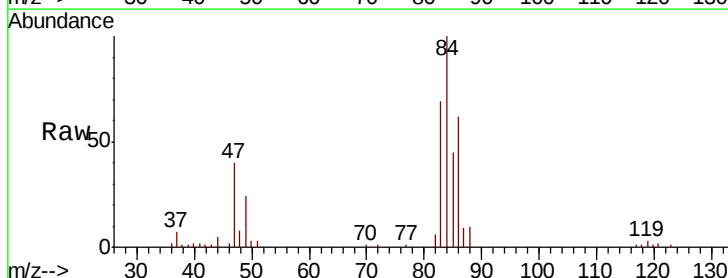


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

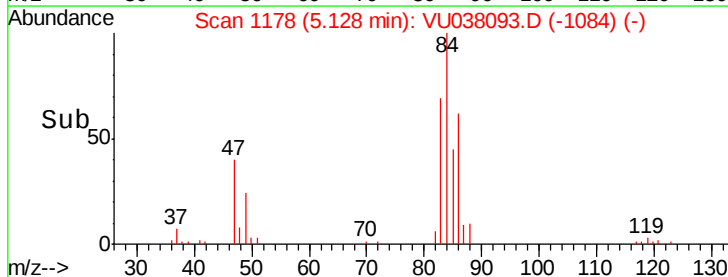
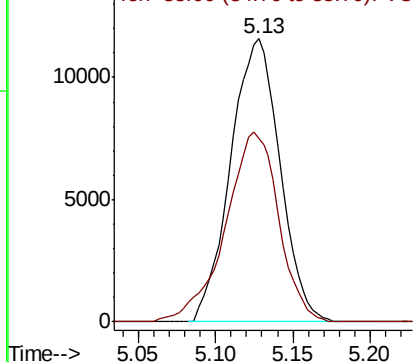


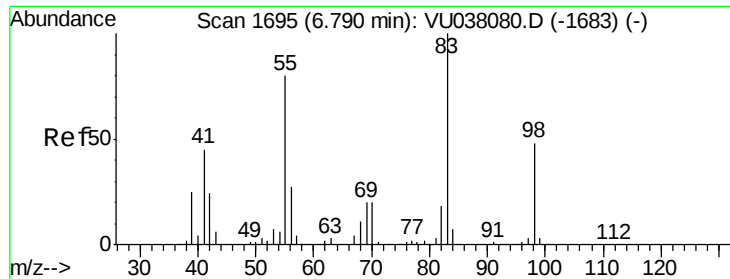
#25
Chloroform
Concen: 0.561 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038093.D
Acq: 08 May 2020 18:59

Tgt Ion: 83 Resp: 25693
Ion Ratio Lower Upper
83 100
85 65.0 46.2 85.8



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

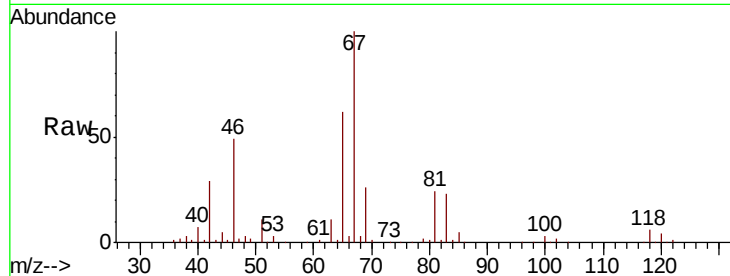




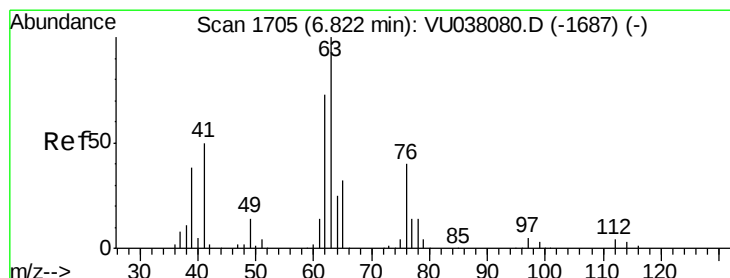
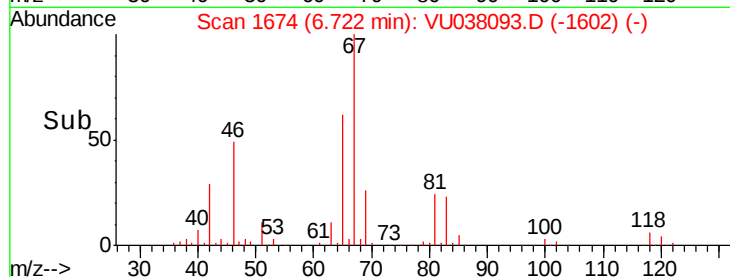
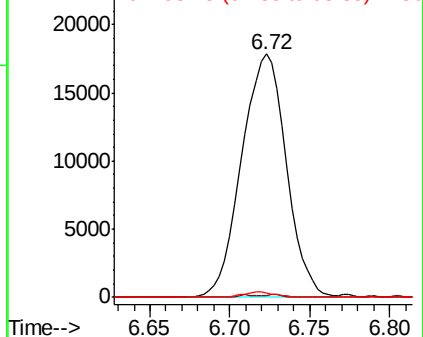
#35
Methvlcvclohexane
Concen: 0.806 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038093.D
Acq: 08 May 2020 18:59

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 34044
Ion Ratio Lower Upper
83 100
55 0.4 66.7 100.1#
98 1.5 39.4 59.2#

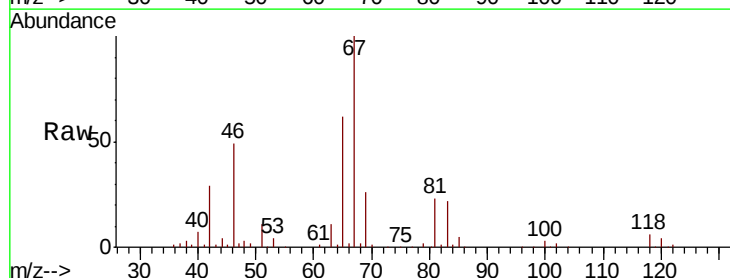


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

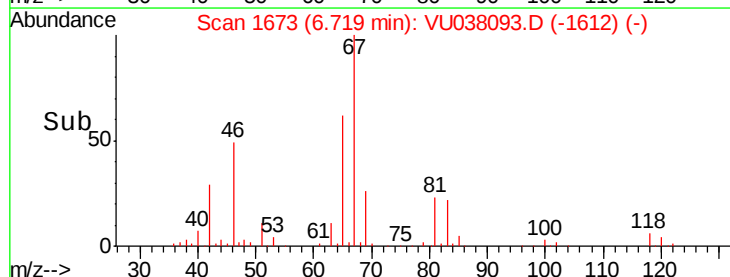
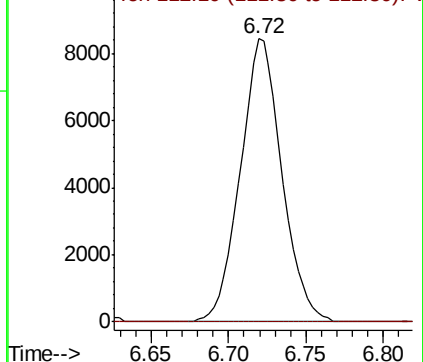


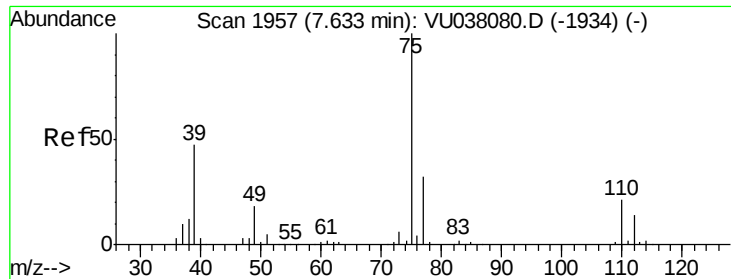
#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038093.D
Acq: 08 May 2020 18:59

Tgt Ion: 63 Resp: 15745
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

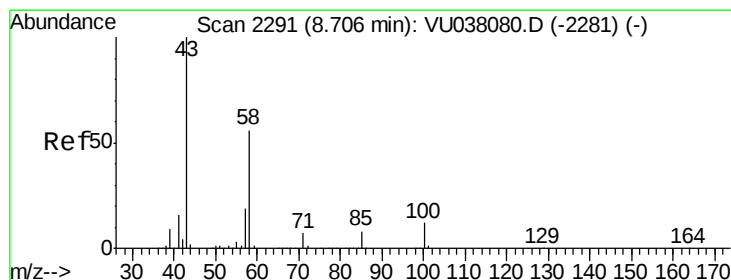
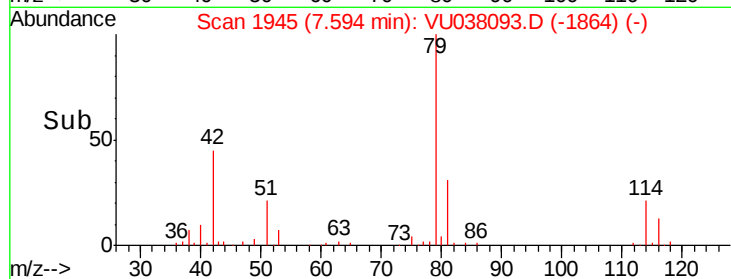
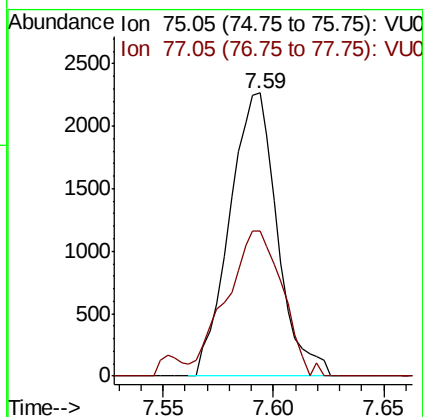
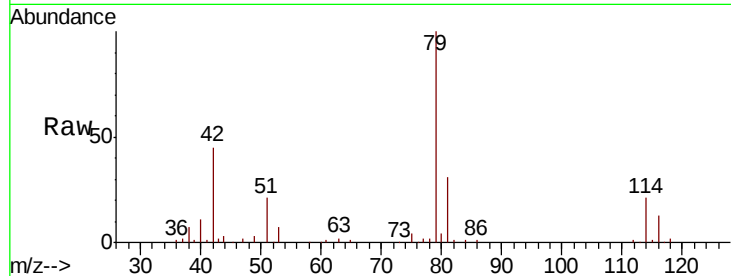




#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038093.D
 Acq: 08 May 2020 18:59

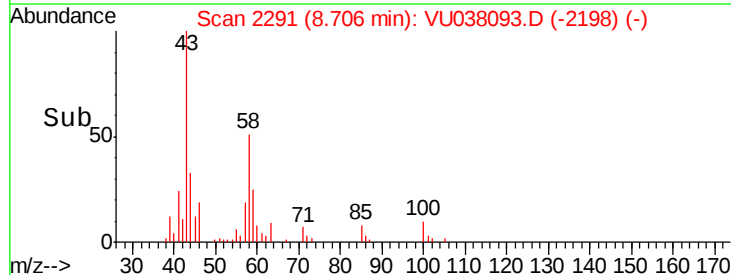
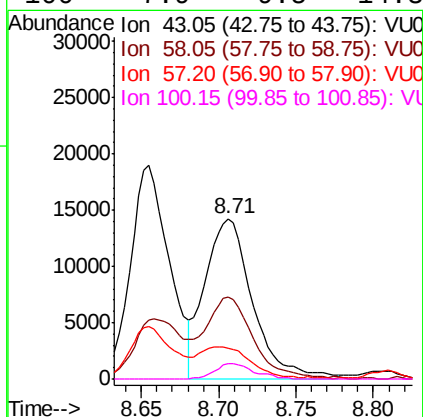
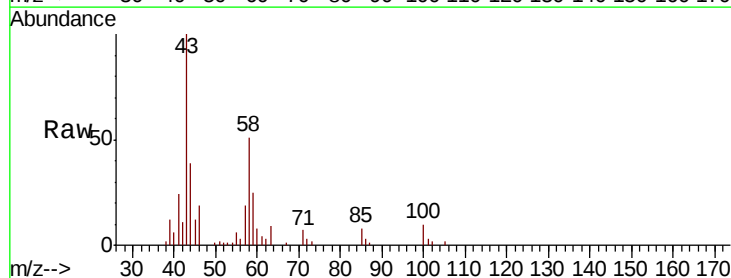
Instrument :
 MSVOA_U
 ClientSampled :

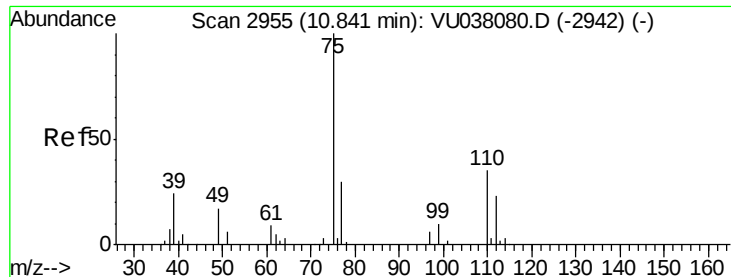
Tot Ion: 75 Resp: 3399
 Ion Ratio Lower Upper
 75 100
 77 51.1 22.4 41.6#



#48
 2-Hexanone
 Concen: 2.121 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038093.D
 Acq: 08 May 2020 18:59

Tgt Ion: 43 Resp: 30472
 Ion Ratio Lower Upper
 43 100
 58 48.0 45.2 67.8
 57 20.6 15.5 23.3
 100 7.9 9.5 14.3#





#59

1,2,3-Trichloropropane

Concen: 1.094 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038093.D

Acq: 08 May 2020 18:59

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 20778

Ion Ratio Lower Upper

75 100

77 37.2 25.4 38.0

