

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038060.D
 Acq On : 08 May 2020 00:19
 Operator : JC/MD
 Sample : L2527-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 04:59:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 04:55:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	409924	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	395290	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	182224	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	149699	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.93	69	126236	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.80%
11) 1,1-Dichloroethene-d2	2.59	63	180560	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.66	46	357881	38.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.38%
24) Chloroform-d	5.10	84	207849	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.00%
26) 1,2-Dichloroethane-d4	5.74	65	124362	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
32) Benzene-d6	5.76	84	482188	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.72	67	155050	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.92	98	420794	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.20	79	54038	3.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.60%
46) 2-Hexanone-d5	8.65	63	292922	40.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112033	3.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	147835	4.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.40%

Target Compounds

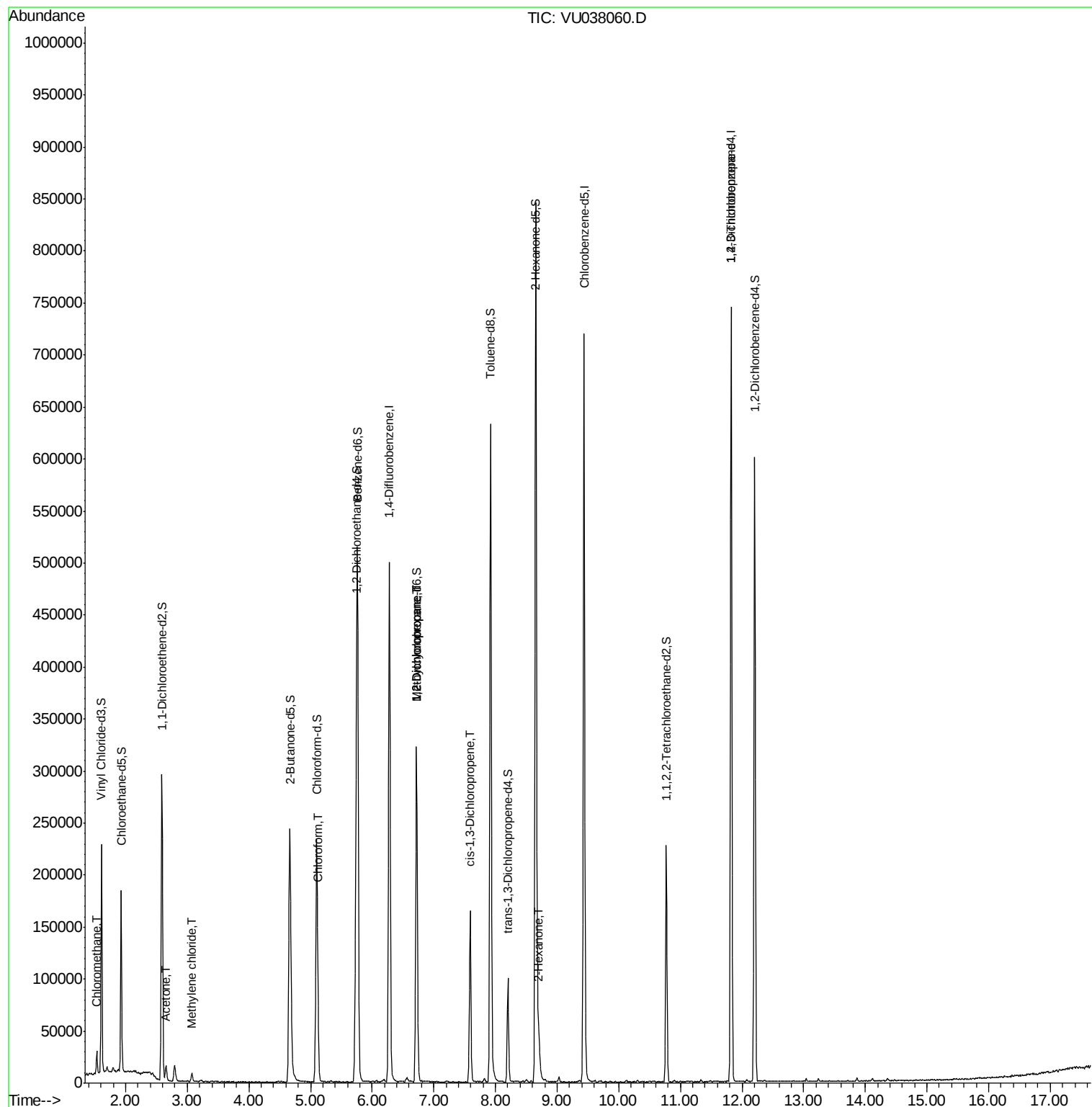
					Ovalue
3) Chloromethane	1.53	50	15232	0.337 ug/L	99
13) Acetone	2.66	43	15405	2.654 ug/L	96
16) Methylene chloride	3.07	84	3474	0.105 ug/L	97
25) Chloroform	5.12	83	9553	0.169 ug/L	94
35) Methylcyclohexane	6.72	83	33700	0.657 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16099	0.468 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3892	0.079 ug/L #	54
48) 2-Hexanone	8.71	43	25172	1.442 ug/L #	96
59) 1,2,3-Trichloropropane	11.82	75	26801	1.161 ug/L	93

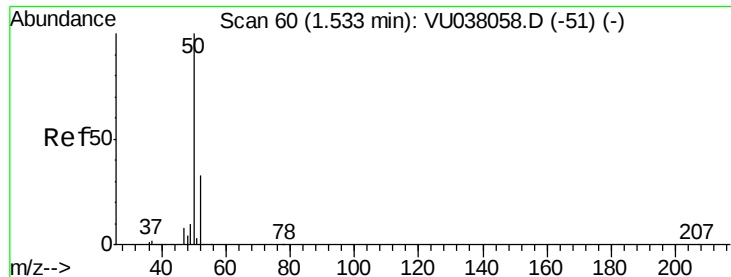
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.337 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU038060.D

Acq: 08 May 2020 00:19

Instrument :

MSVOA_U

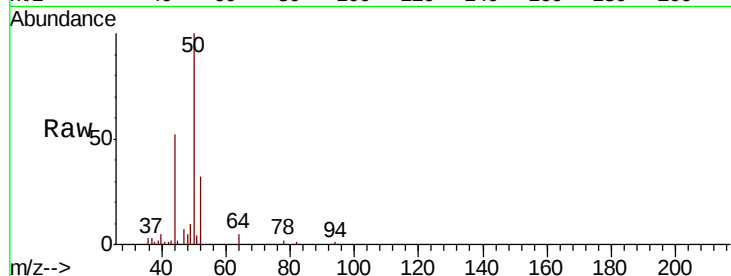
ClientSampled :

Tot Ion: 50 Resp: 15232

Ion Ratio Lower Upper

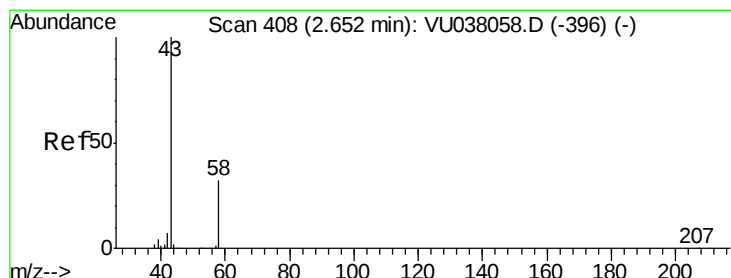
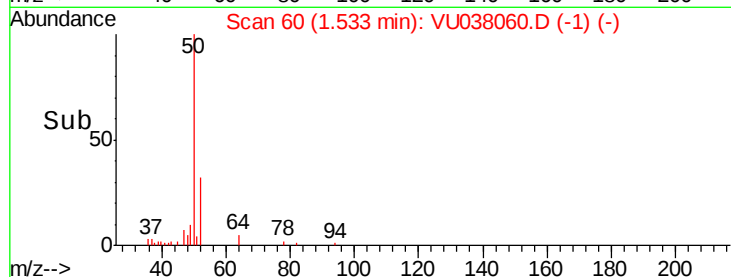
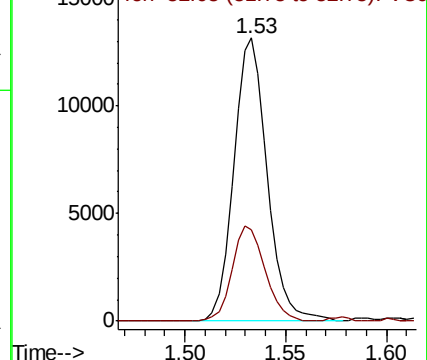
50 100

52 32.4 22.5 41.7



Abundance Ion 50.05 (49.75 to 50.75): VU038058.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU038060.D (-1) (-)



#13

Acetone

Concen: 2.654 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU038060.D

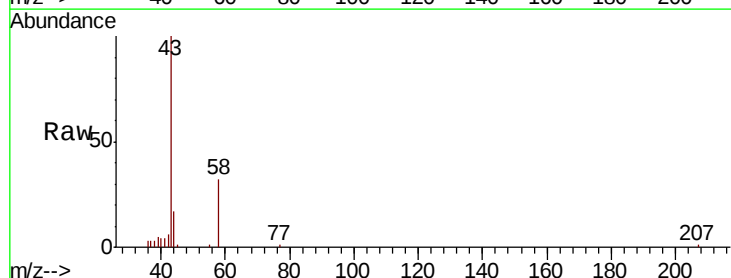
Acq: 08 May 2020 00:19

Tgt Ion: 43 Resp: 15405

Ion Ratio Lower Upper

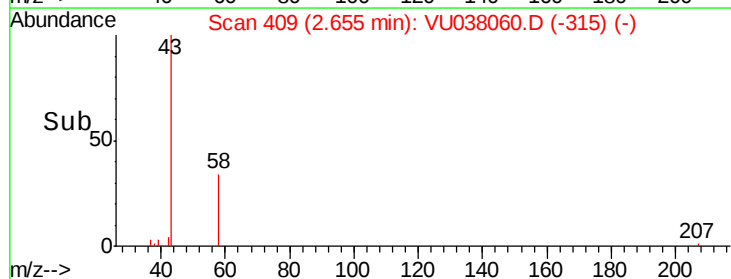
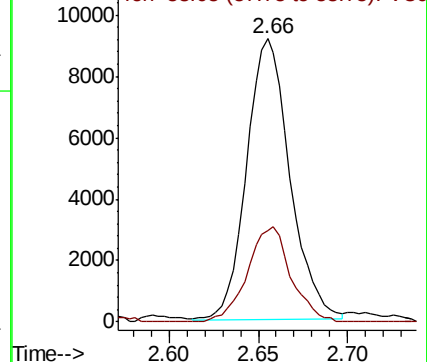
43 100

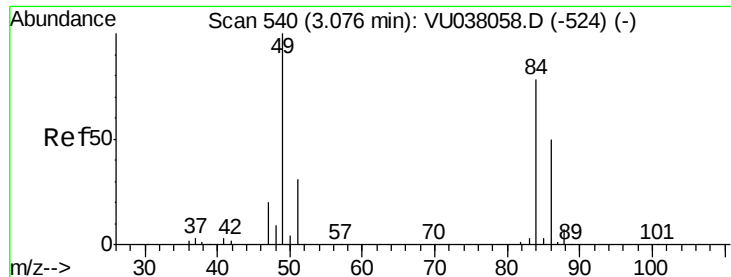
58 34.1 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038058.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU038060.D (-315) (-)

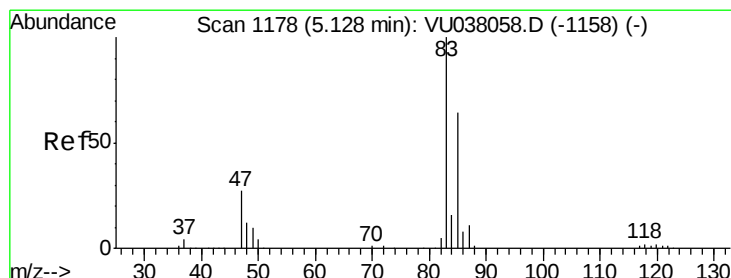
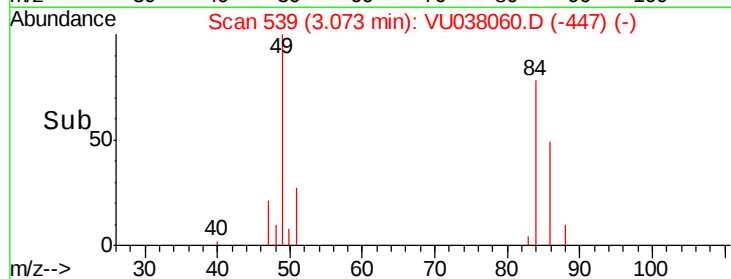
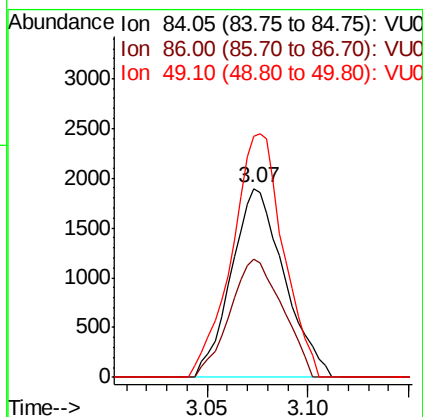
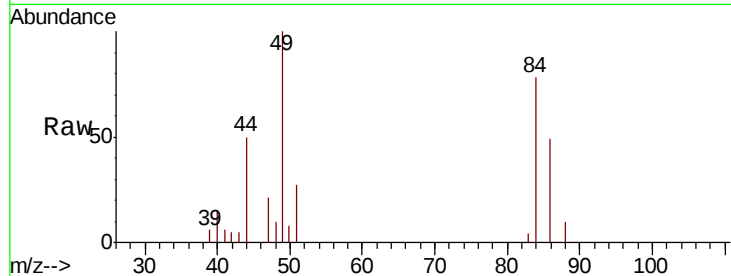




#16
Methvlene chloride
Concen: 0.105 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU038060.D
Acq: 08 May 2020 00:19

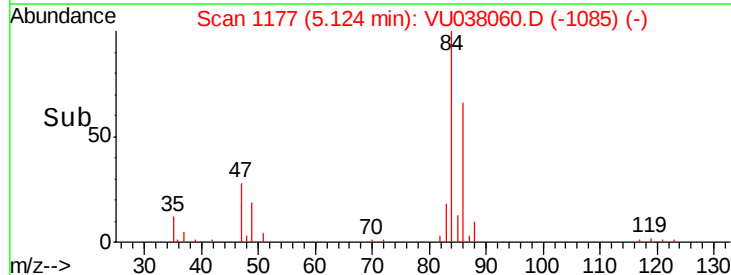
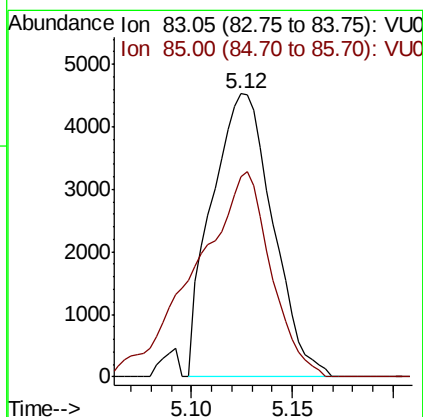
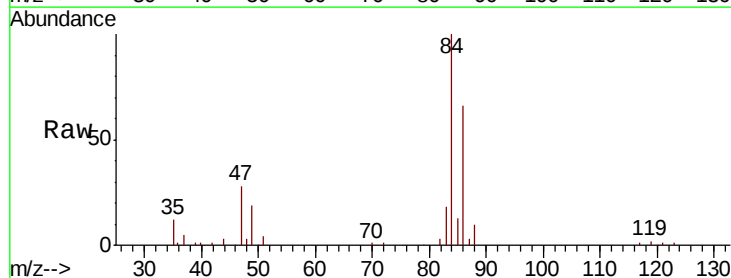
Instrument :
MSVOA_U
ClientSampleId :

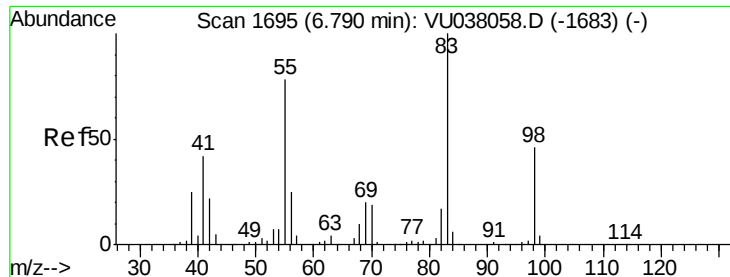
Tot Ion: 84 Resp: 3474
Ion Ratio Lower Upper
84 100
86 62.6 44.9 83.3
49 127.4 92.0 170.9



#25
Chloroform
Concen: 0.169 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038060.D
Acq: 08 May 2020 00:19

Tgt Ion: 83 Resp: 9553
Ion Ratio Lower Upper
83 100
85 70.6 46.2 85.8

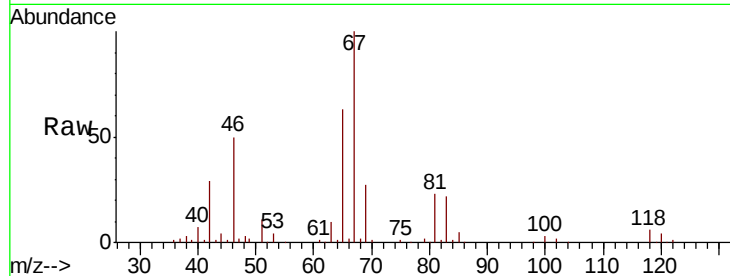




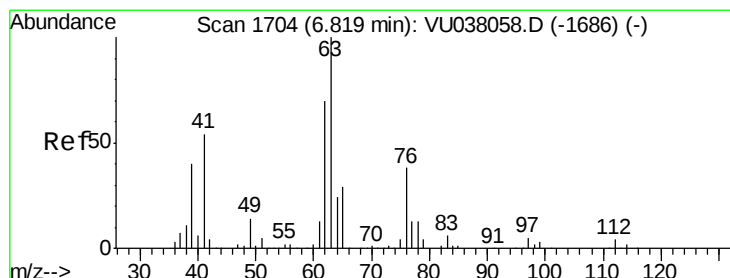
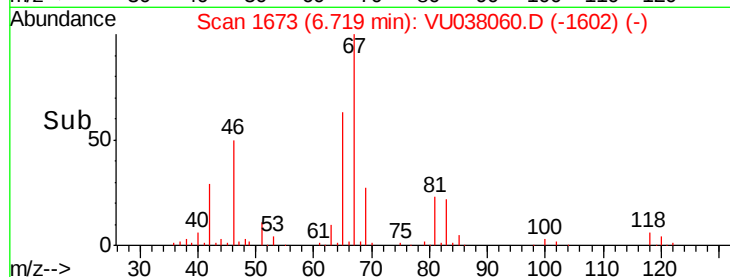
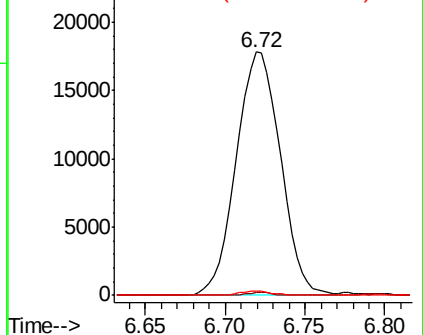
#35
Methylcyclohexane
Concen: 0.657 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038060.D
Acq: 08 May 2020 00:19

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 33700
Ion Ratio Lower Upper
83 100
55 0.6 66.7 100.1#
98 1.2 39.4 59.2#

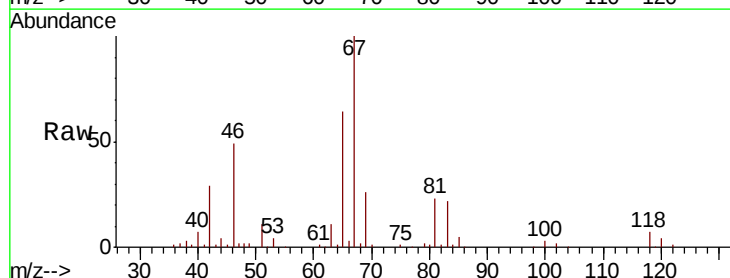


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

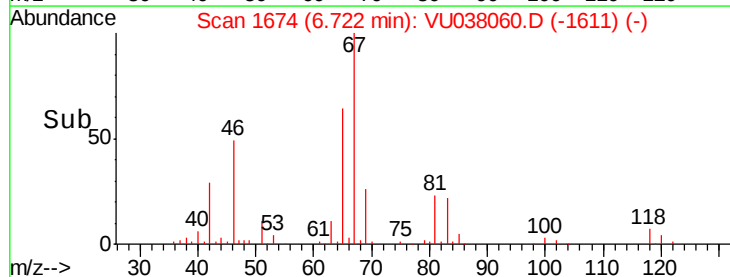
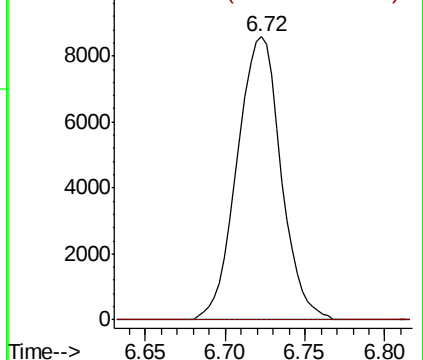


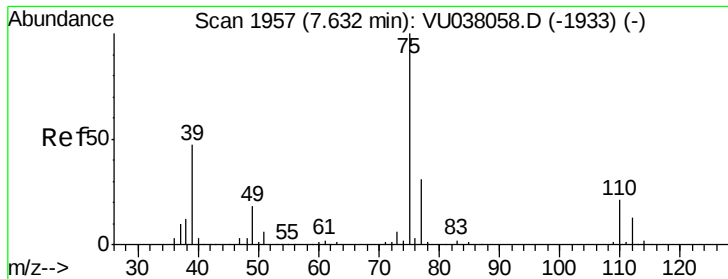
#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038060.D
Acq: 08 May 2020 00:19

Tgt Ion: 63 Resp: 16099
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

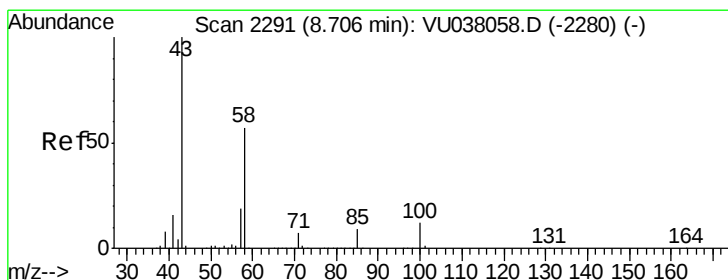
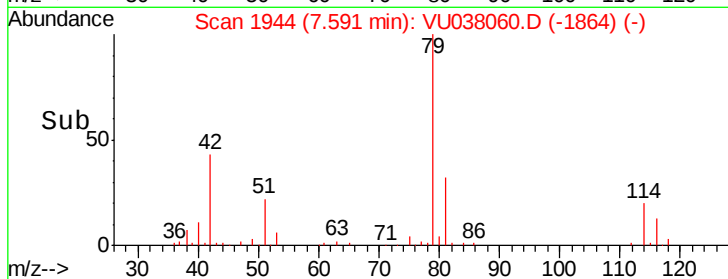
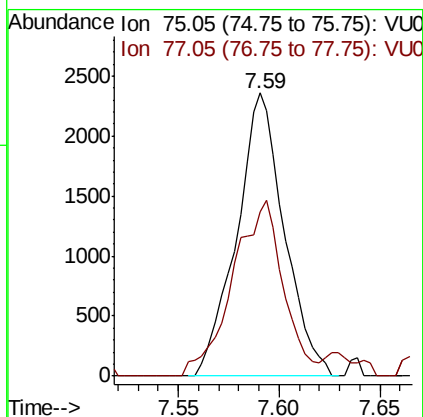
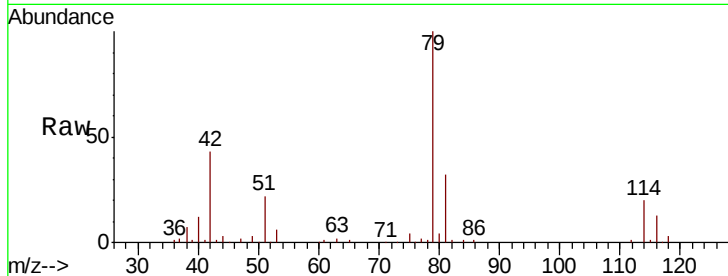




#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038060.D
 Acq: 08 May 2020 00:19

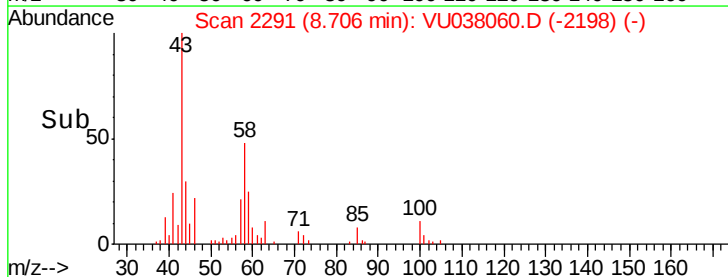
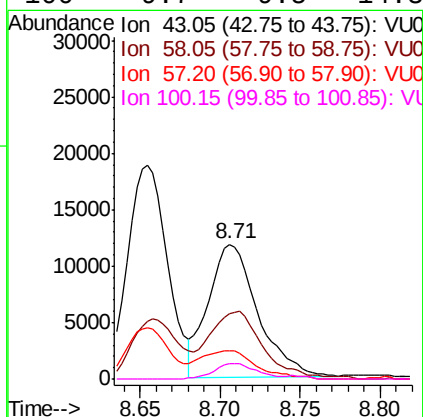
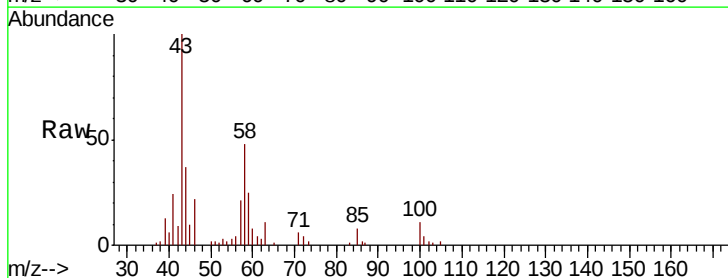
Instrument :
 MSVOA_U
 ClientSampled :

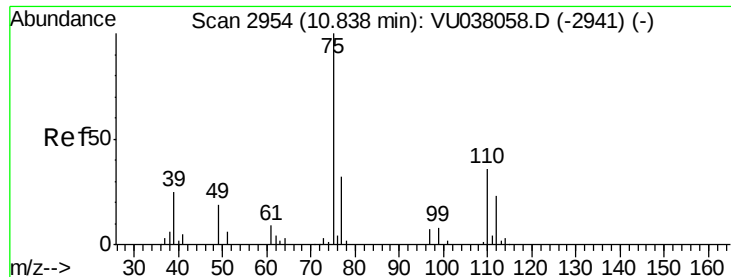
Tot Ion: 75 Resp: 3892
 Ion Ratio Lower Upper
 75 100
 77 57.8 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.442 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: VU038060.D
 Acq: 08 May 2020 00:19

Tgt Ion: 43 Resp: 25172
 Ion Ratio Lower Upper
 43 100
 58 55.0 45.2 67.8
 57 24.1 15.5 23.3#
 100 9.7 9.5 14.3





#59

1,2,3-Trichloropropane

Concen: 1.161 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038060.D

Acq: 08 May 2020 00:19

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 26801

Ion Ratio Lower Upper

75 100

77 35.5 25.4 38.0

