

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038895.D
 Acq On : 15 Jun 2020 16:46
 Operator : SY/MD
 Sample : L2975-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8Q6

Quant Time: Jun 16 01:59:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 16 01:57:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	278621	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	281850	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128427	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88327	6.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.40%
7) Chloroethane-d5	1.93	69	84932	6.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.60%
11) 1,1-Dichloroethene-d2	2.59	63	140834	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	4.68	46	307447	61.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.38%
24) Chloroform-d	5.10	84	182036	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.74	65	112198	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.76	84	364081	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
36) 1,2-Dichloropropane-d6	6.72	67	110861	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.92	98	297612	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	8.20	79	44030	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.66	63	249602	58.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94284	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	120166	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

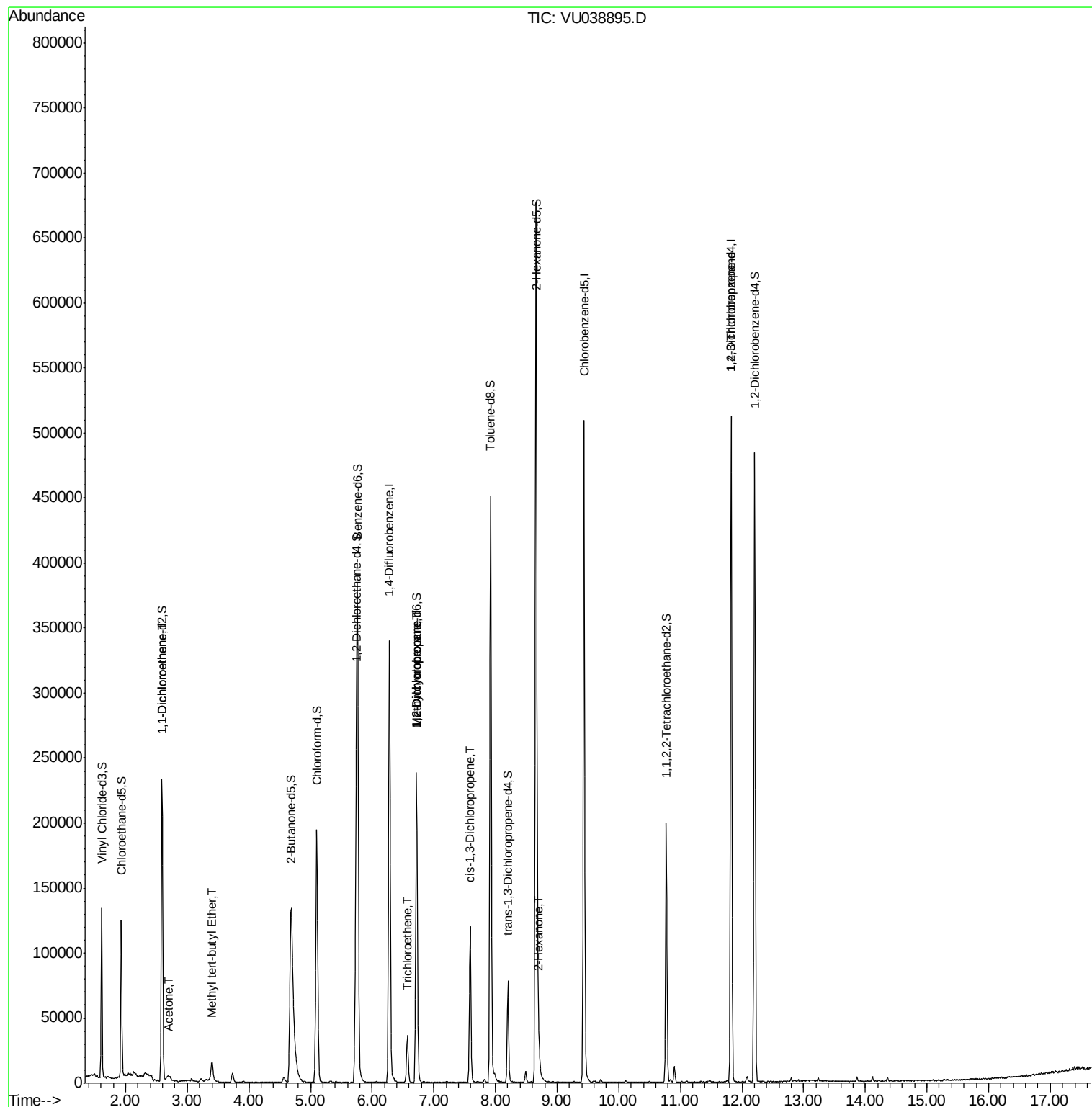
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1189	0.060	ug/L #	1
13) Acetone	2.70	43	10188	2.478	ug/L	51
17) Methyl tert-butyl Ether	3.40	73	16196	0.322	ug/L	94
34) Trichloroethene	6.57	95	12675	0.580	ug/L	92
35) Methylcyclohexane	6.72	83	26604	0.817	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12678	0.587	ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	3044	0.099	ug/L #	61
48) 2-Hexanone	8.71	43	12765	1.093	ug/L	99
59) 1,2,3-Trichloropropane	11.82	75	16161	0.971	ug/L	93

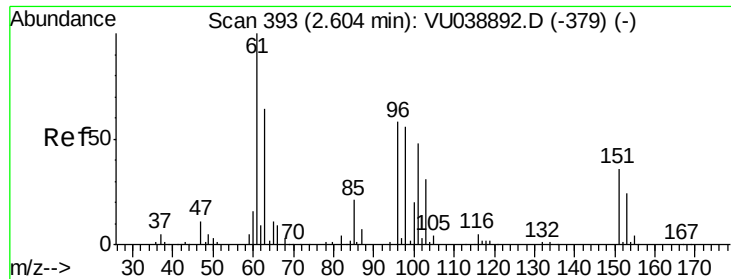
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA U/WATER
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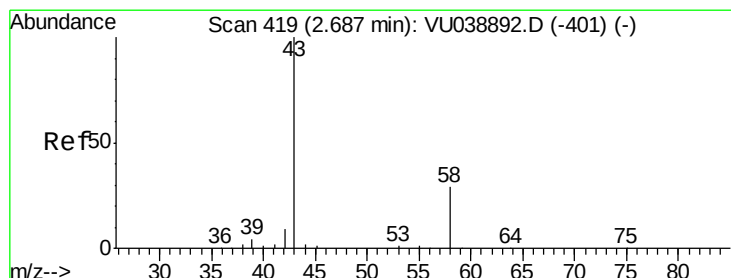
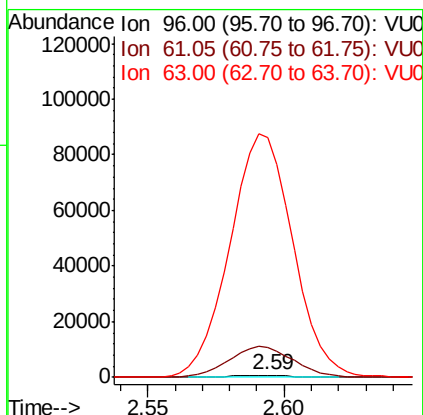
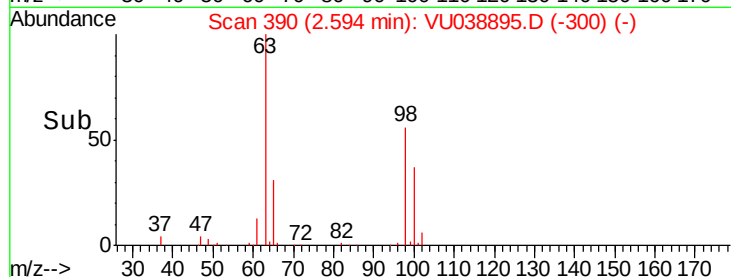
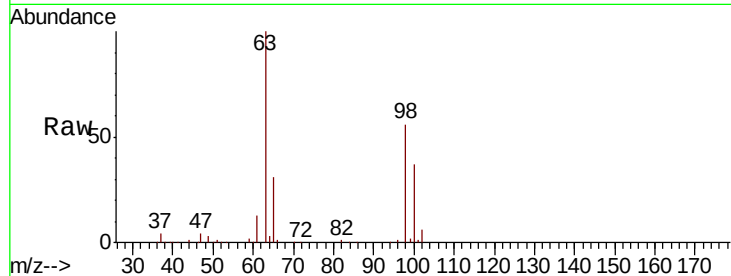




#12
 1,1-Dichloroethene
 Concen: 0.060 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU038895.D
 Acq: 15 Jun 2020 16:46

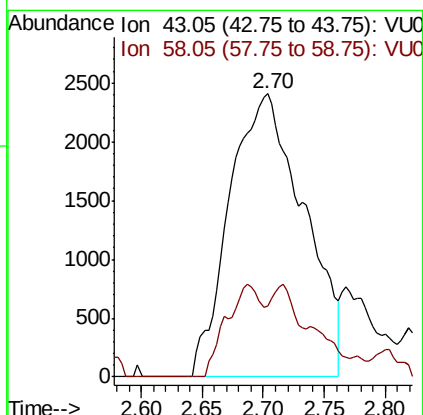
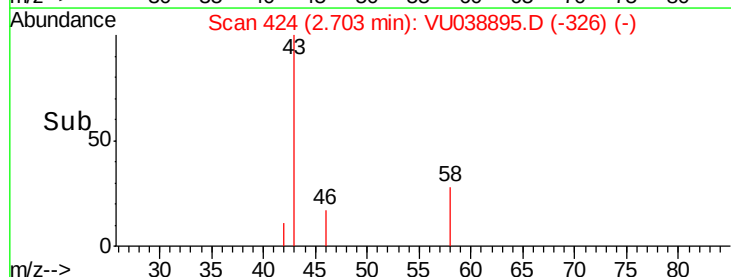
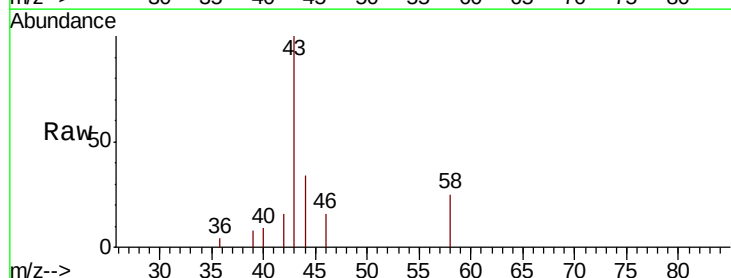
Instrument :
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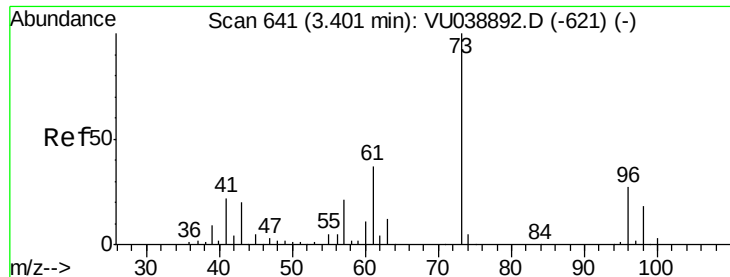
Tot Ion: 96 Resp: 1189
 Ion Ratio Lower Upper
 96 100
 61 1433.4 124.9 232.1#
 63 11410.9 79.1 146.9#



#13
 Acetone
 Concen: 2.478 ug/L
 RT: 2.70 min Scan# 424
 Delta R.T. 0.02 min
 Lab File: VU038895.D
 Acq: 15 Jun 2020 16:46

Tgt Ion: 43 Resp: 10188
 Ion Ratio Lower Upper
 43 100
 58 5.2 0.0 65.6

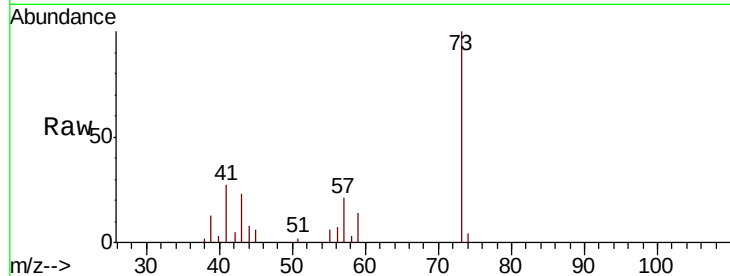




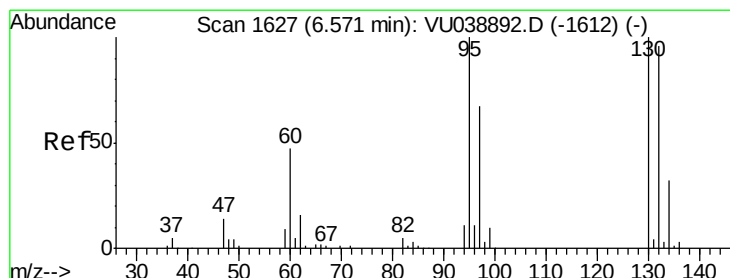
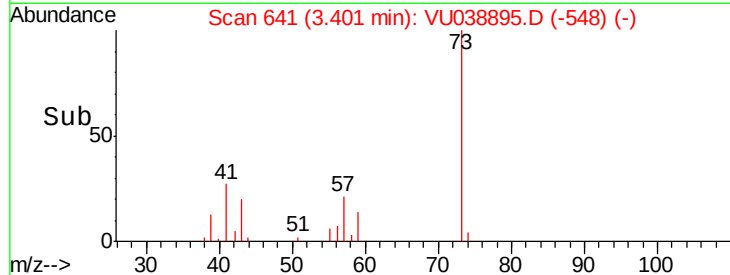
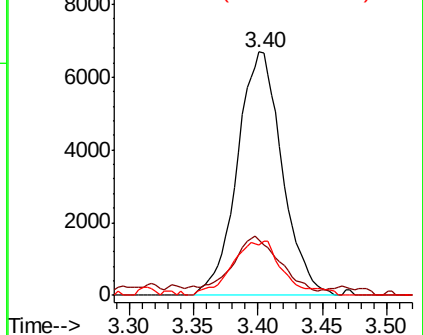
#17
Methyl tert-butyl Ether
Concen: 0.322 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU038895.D
Acq: 15 Jun 2020 16:46

Instrument :
MSVOA_U
ClientSampleId :
BF8Q6

Tot Ion: 73 Resp: 16196
Ion Ratio Lower Upper
73 100
43 23.2 16.6 24.8
57 25.5 17.5 26.3

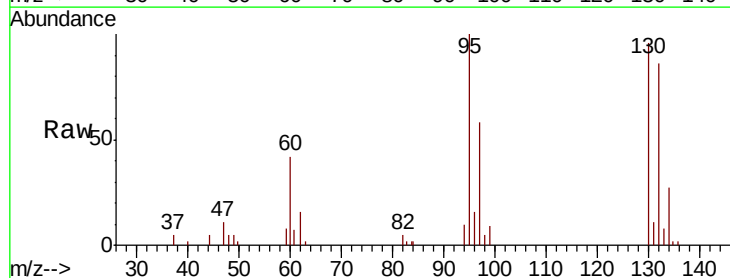


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

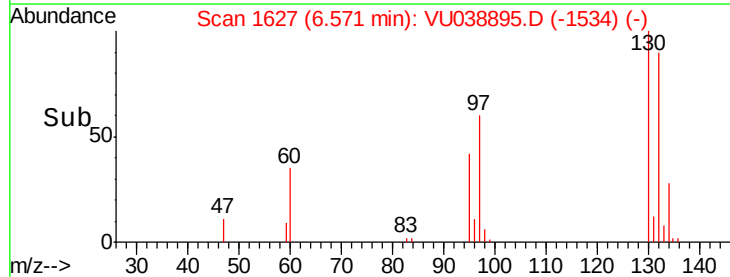
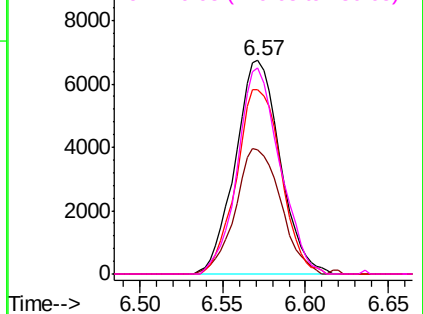


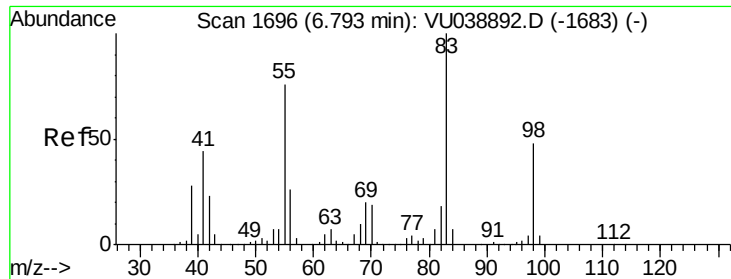
#34
Trichloroethene
Concen: 0.580 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038895.D
Acq: 15 Jun 2020 16:46

Tgt Ion: 95 Resp: 12675
Ion Ratio Lower Upper
95 100
97 58.1 46.1 85.5
132 86.4 68.2 126.6
130 96.4 71.0 131.9



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): VU0
Ion 129.95 (129.65 to 130.65): VU0

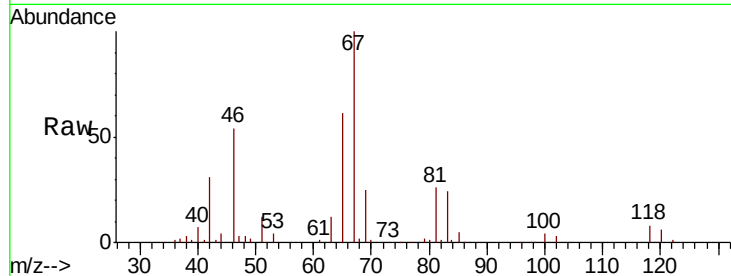




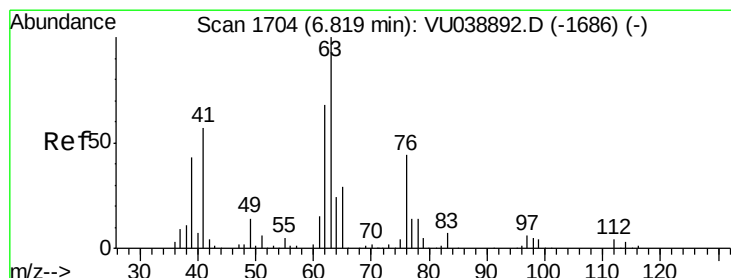
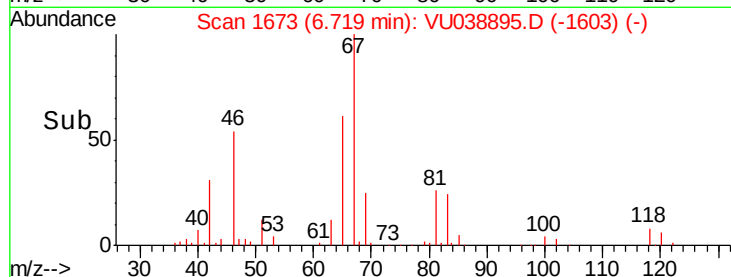
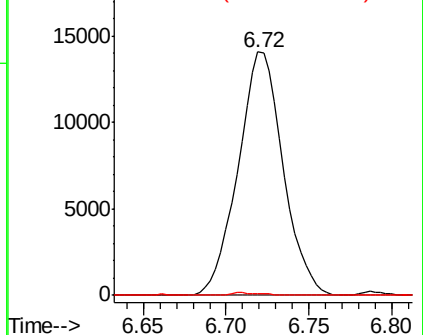
#35
Methylvlcyclohexane
Concen: 0.817 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038895.D
Acq: 15 Jun 2020 16:46

Instrument :
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ClientSampleId :
BF8Q6

Tot Ion: 83 Resp: 26604
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.8 38.9 58.3#

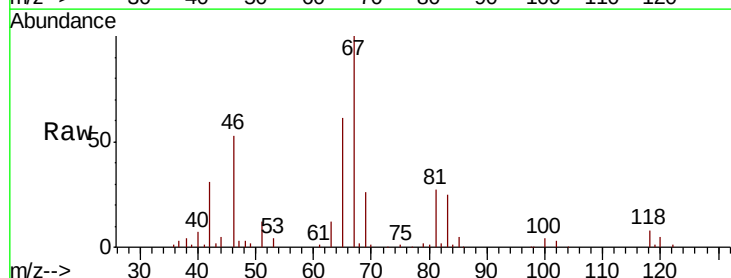


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

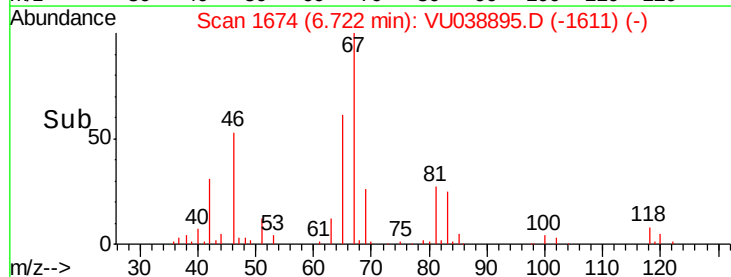
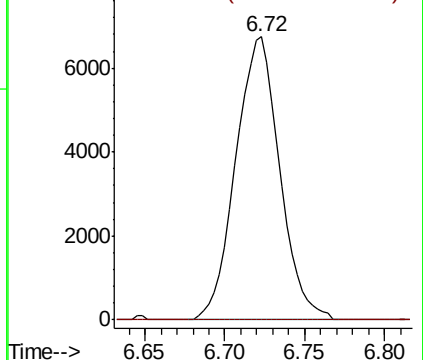


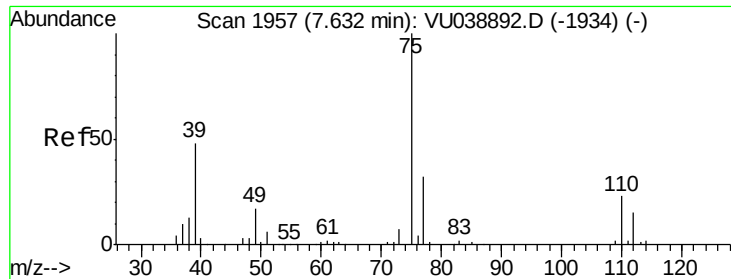
#37
1,2-Dichloropropane
Concen: 0.587 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038895.D
Acq: 15 Jun 2020 16:46

Tgt Ion: 63 Resp: 12678
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



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

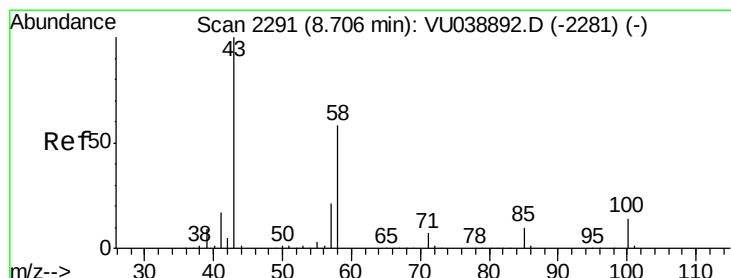
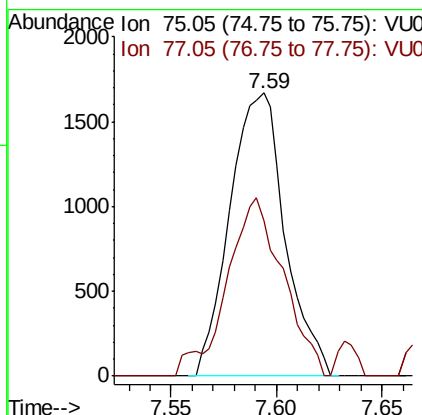
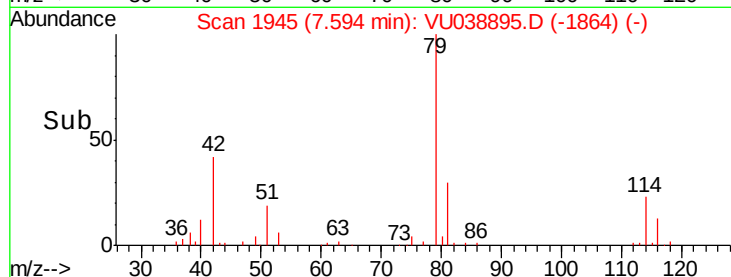
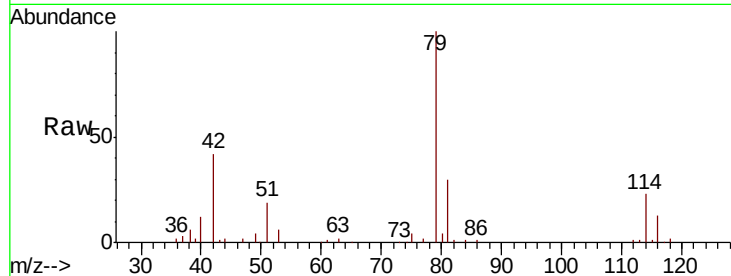




#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038895.D
 Acq: 15 Jun 2020 16:46

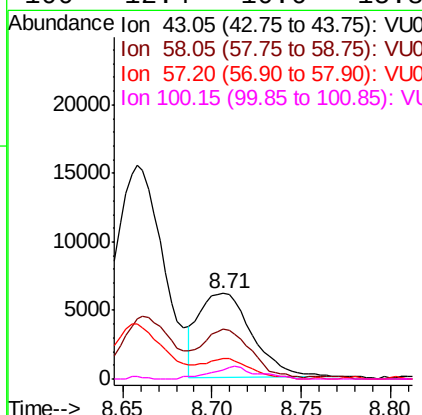
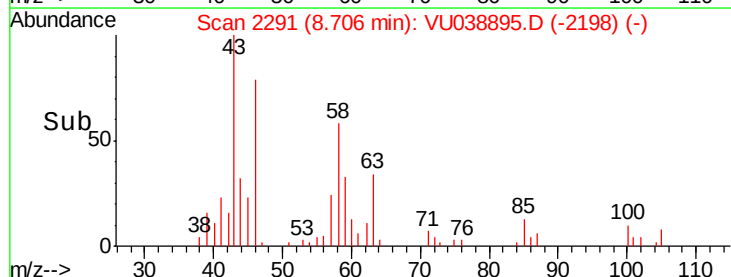
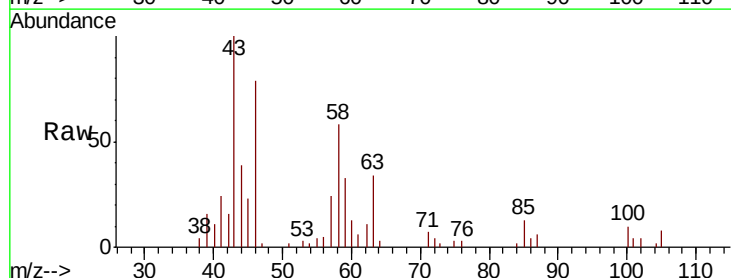
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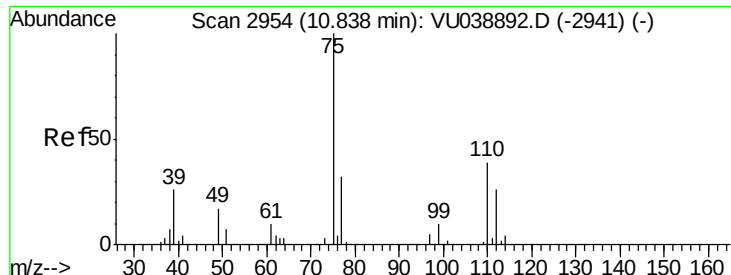
Tot Ion: 75 Resp: 3044
 Ion Ratio Lower Upper
 75 100
 77 54.9 23.0 42.6#



#48
 2-Hexanone
 Concen: 1.093 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: VU038895.D
 Acq: 15 Jun 2020 16:46

Tgt Ion: 43 Resp: 12765
 Ion Ratio Lower Upper
 43 100
 58 55.7 45.4 68.2
 57 21.0 16.4 24.6
 100 12.4 10.6 15.8





#59

1,2,3-Trichloropropane

Concen: 0.971 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038895.D

Acq: 15 Jun 2020 16:46

Instrument :

MSVOA_U

ClientSampleId :

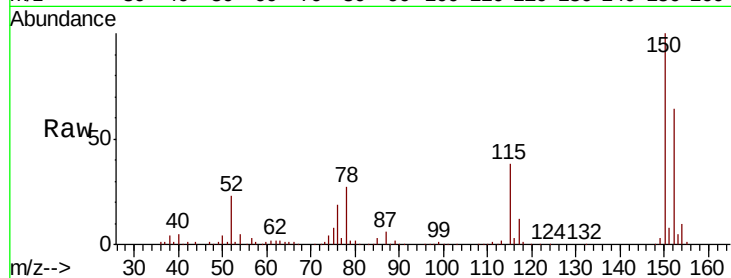
BF8Q6

Tot Ion: 75 Resp: 16161

Ion Ratio Lower Upper

75 100

77 36.1 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

