

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060220\
 Data File : VU038498.D
 Acq On : 02 Jun 2020 17:04
 Operator : JC/MD
 Sample : L2844-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 03 00:51:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 03 00:48:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	288029	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	281730	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131920	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66543	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.93	69	66084	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.59	63	109399	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.68	46	346776	61.24	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.48%
24) Chloroform-d	5.10	84	176666	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.74	65	109707	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.76	84	346449	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.72	67	109550	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.92	98	279161	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.20	79	44171	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.65	63	291829	63.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103863	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	123249	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

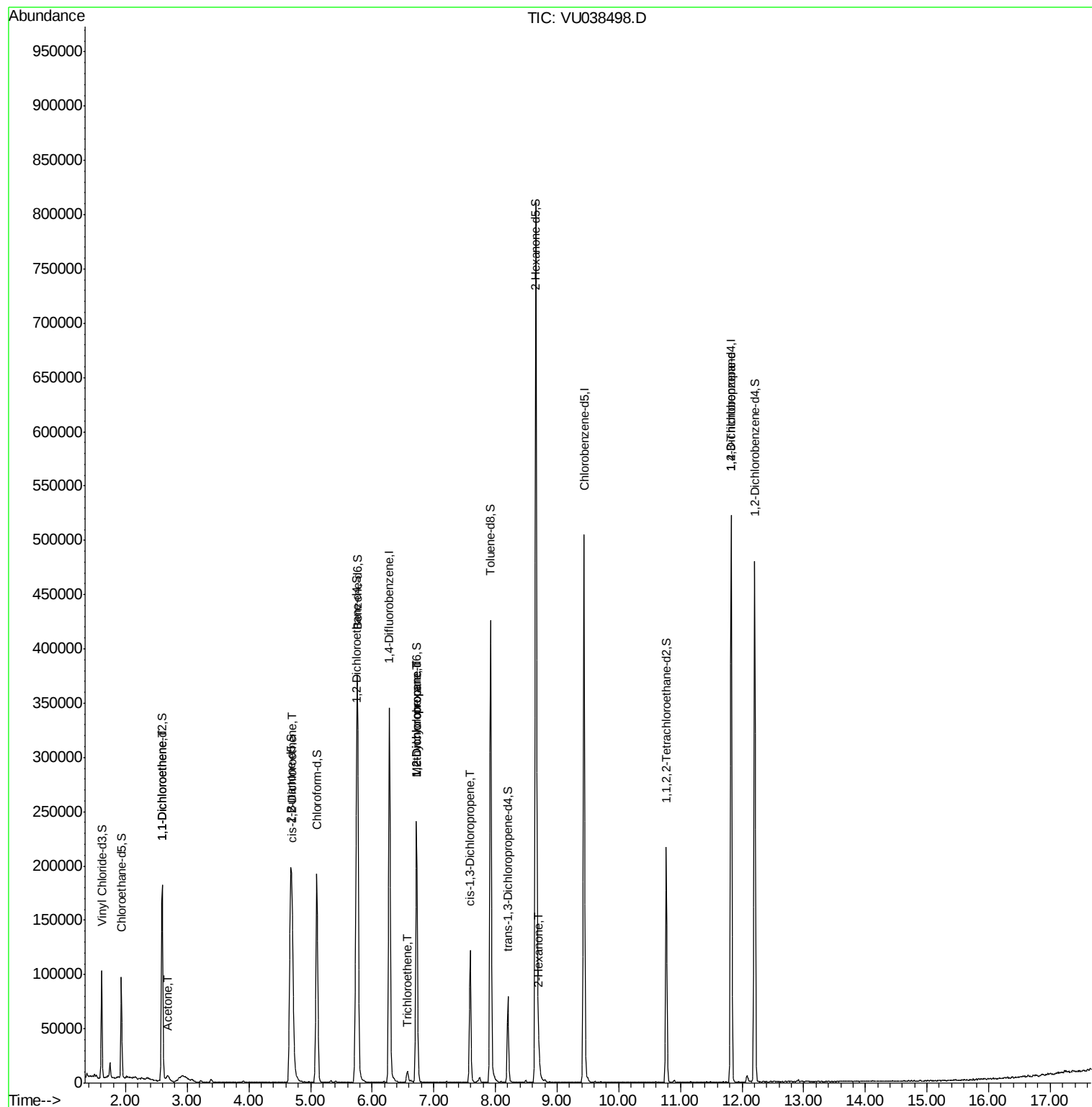
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1452	0.082 ug/L #	1
13) Acetone	2.68	43	10078	2.719 ug/L	90
22) cis-1,2-Dichloroethene	4.71	96	33361	1.621 ug/L	99
34) Trichloroethene	6.58	95	2421	0.119 ug/L	91
35) Methylcyclohexane	6.72	83	26802	0.849 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11687	0.591 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2873	0.098 ug/L #	1
48) 2-Hexanone	8.71	43	12188	1.138 ug/L #	95
59) 1,2,3-Trichloropropane	11.82	75	16429	1.113 ug/L	93

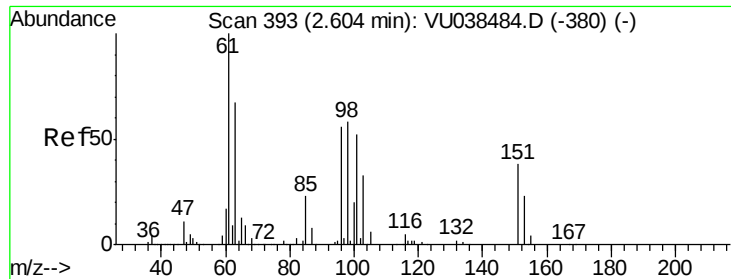
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038498.D

Acq: 02 Jun 2020 17:04

Instrument :

MSVOA_U

ClientSampleId :

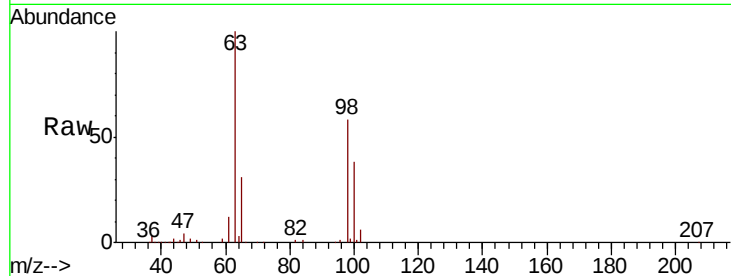
Tot Ion: 96 Resp: 1452

Ion Ratio Lower Upper

96 100

61 1046.8 119.9 222.7#

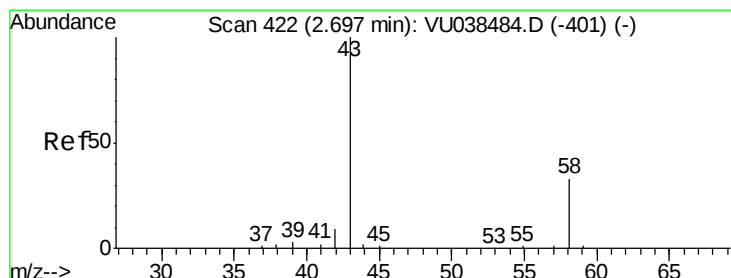
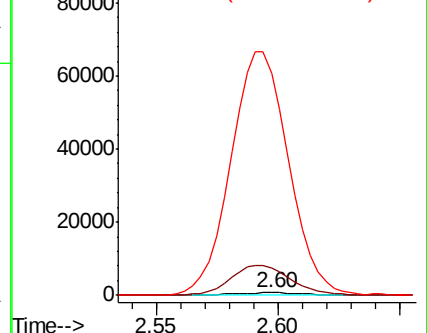
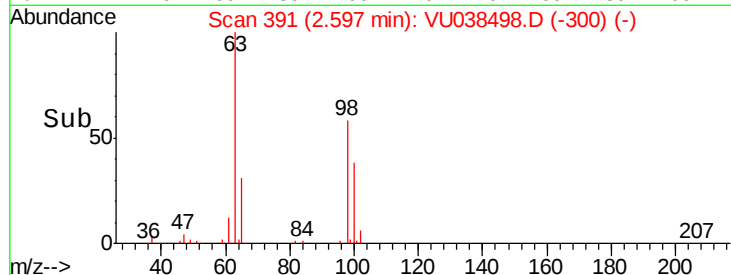
63 8515.4 89.9 167.0#



Abundance Ion 96.00 (95.70 to 96.70): VU038498.D (-300) (-)

Ion 61.05 (60.75 to 61.75): VU038498.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU038498.D (-300) (-)



#13

Acetone

Concen: 2.719 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

Lab File: VU038498.D

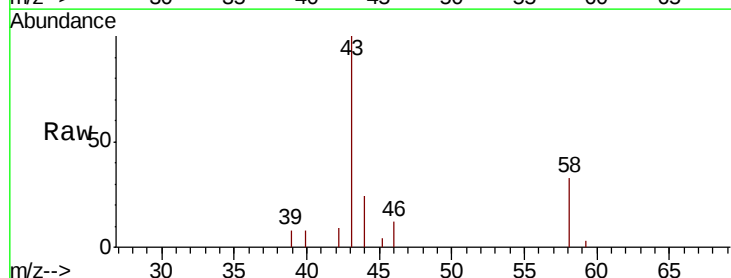
Acq: 02 Jun 2020 17:04

Tgt Ion: 43 Resp: 10078

Ion Ratio Lower Upper

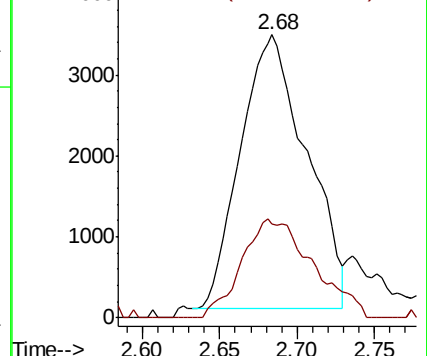
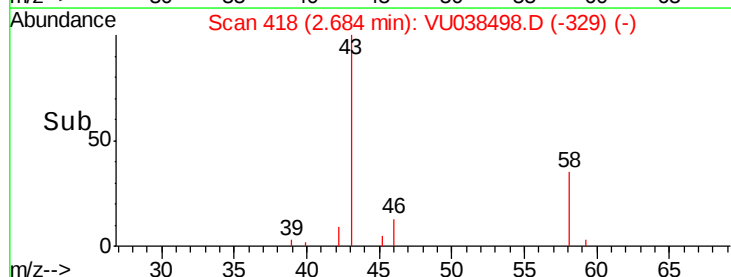
43 100

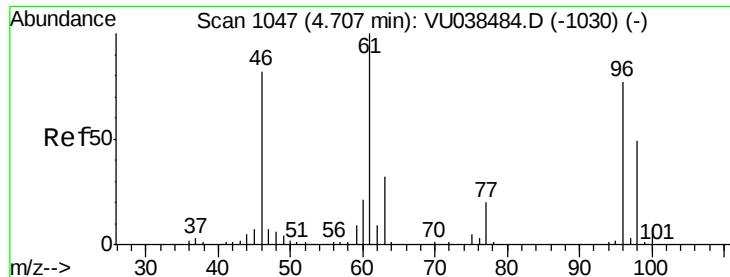
58 38.7 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038498.D (-329) (-)

Ion 58.05 (57.75 to 58.75): VU038498.D (-329) (-)





#22

cis-1,2-Dichloroethene

Concen: 1.621 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038498.D

Acq: 02 Jun 2020 17:04

Instrument :
MSVOA_U
ClientSampleId :

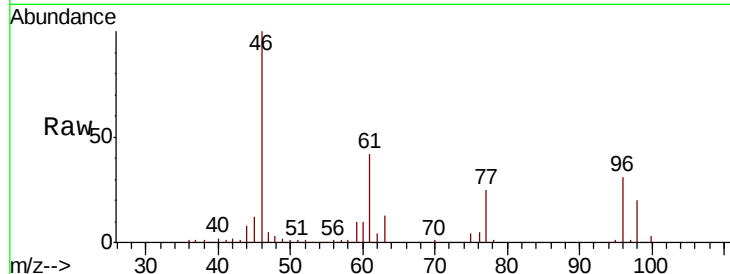
Tot Ion: 96 Resp: 33361

Ion Ratio Lower Upper

96 100

61 135.0 94.0 174.6

68 0.0 0.0 0.0

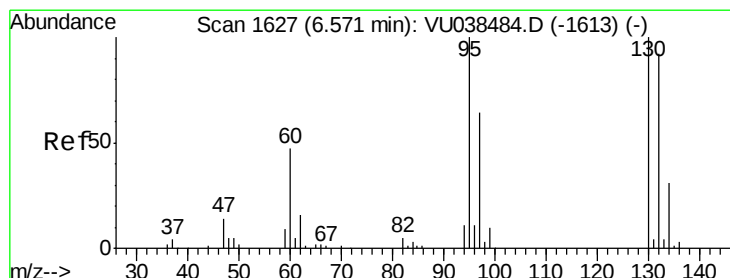
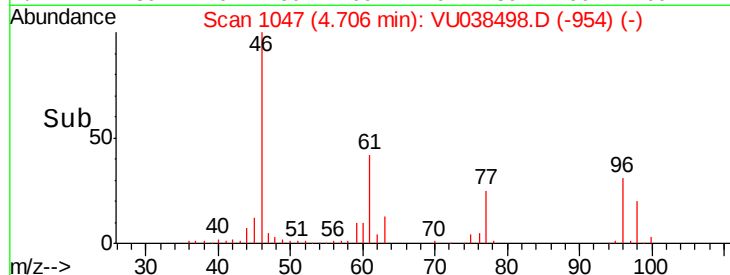
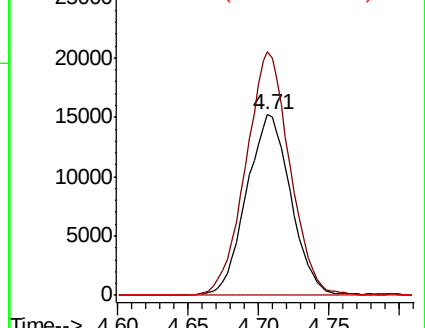


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene

Concen: 0.119 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.01 min

Lab File: VU038498.D

Acq: 02 Jun 2020 17:04

Tgt Ion: 95 Resp: 2421

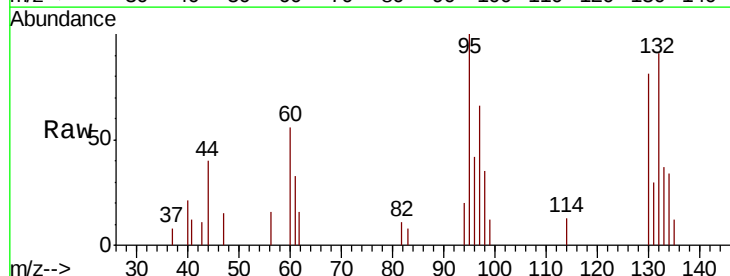
Ion Ratio Lower Upper

95 100

97 65.8 46.8 87.0

132 90.7 66.1 122.7

130 81.2 70.0 130.0



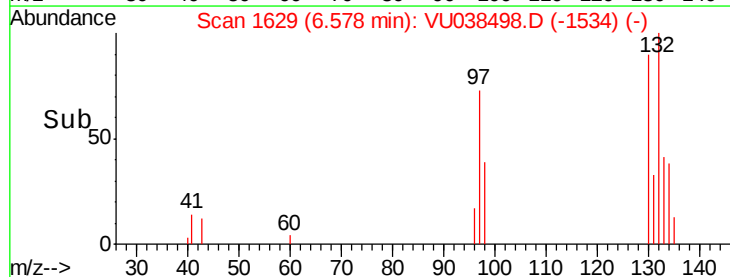
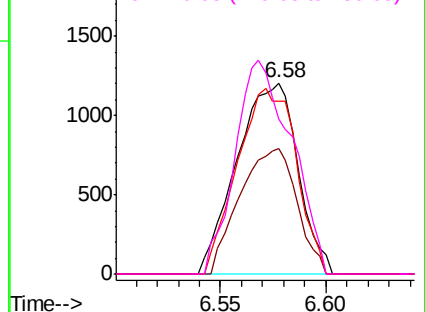
Abundance

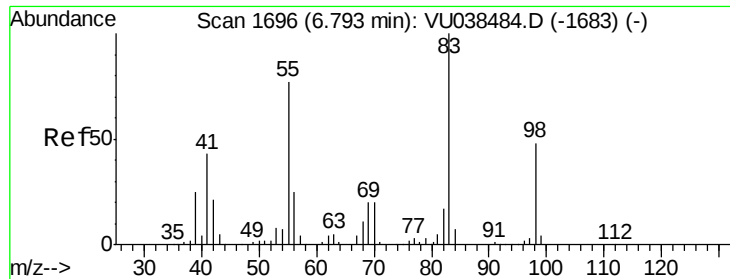
Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

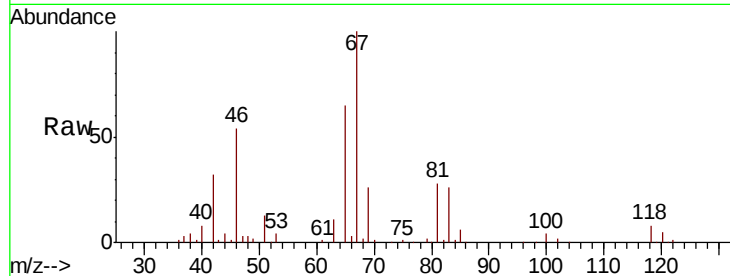




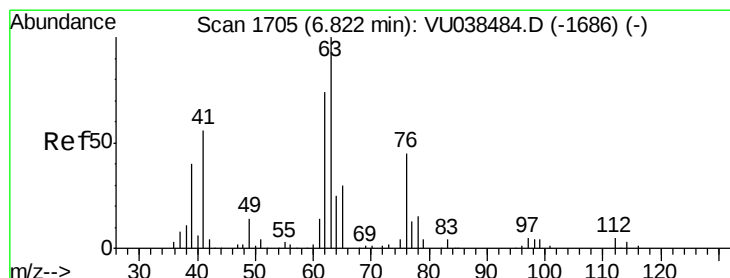
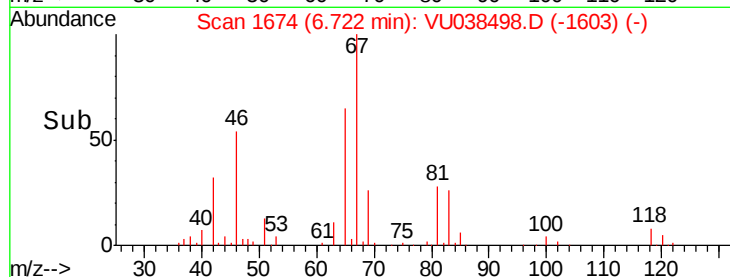
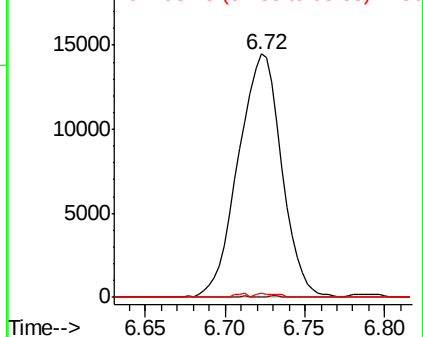
#35
Methvlcvclohexane
Concen: 0.849 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038498.D
Acq: 02 Jun 2020 17:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 26802
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 0.8 39.0 58.4#

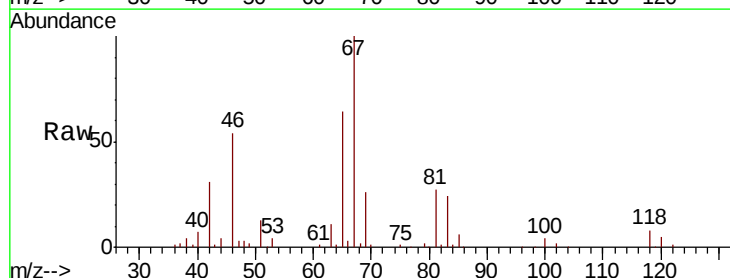


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

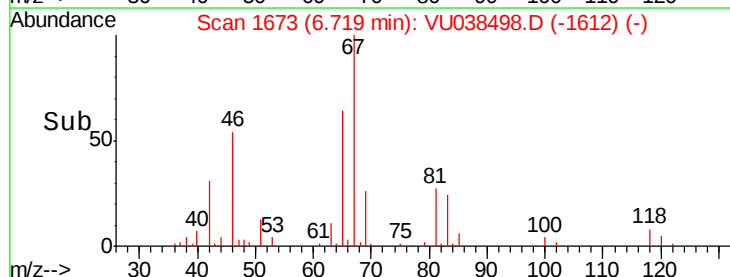
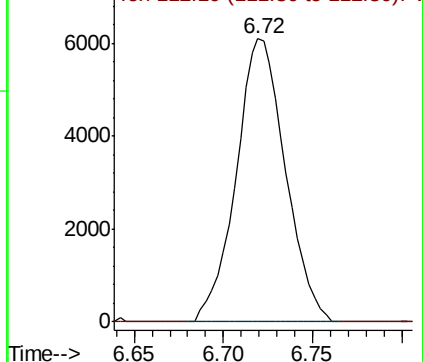


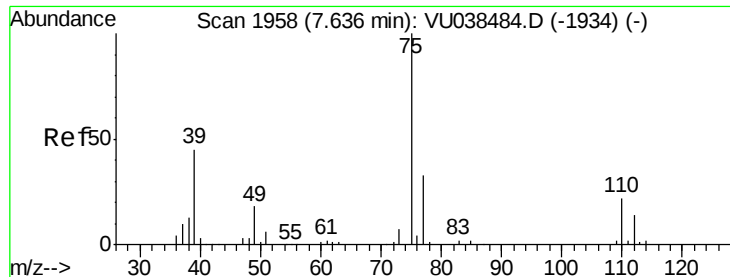
#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038498.D
Acq: 02 Jun 2020 17:04

Tgt Ion: 63 Resp: 11687
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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

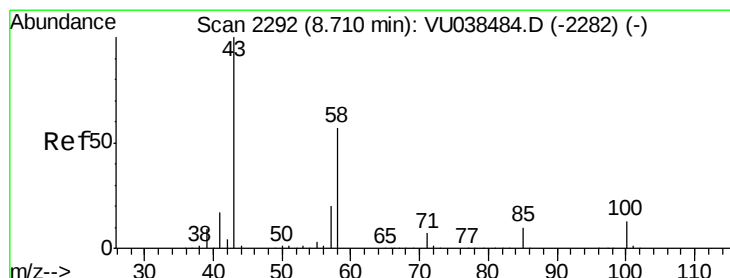
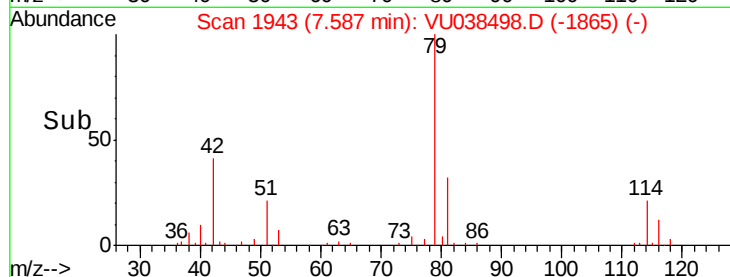
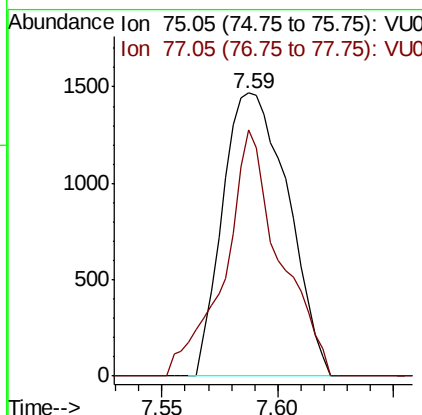
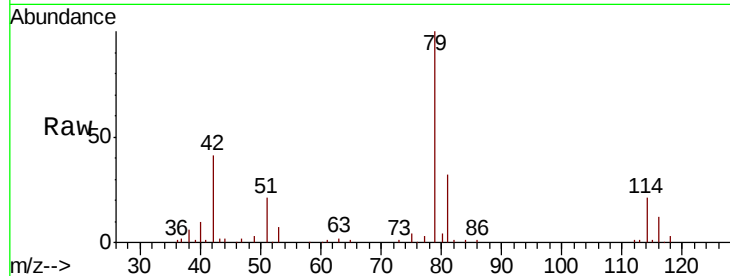




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038498.D
 Acq: 02 Jun 2020 17:04

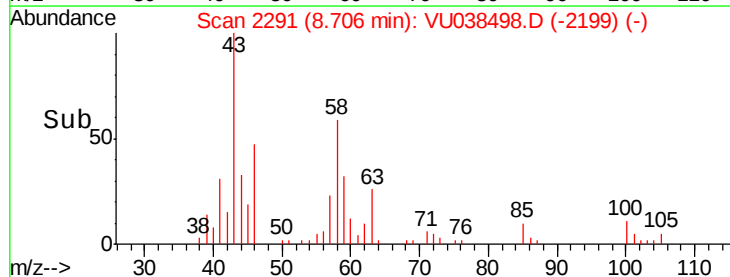
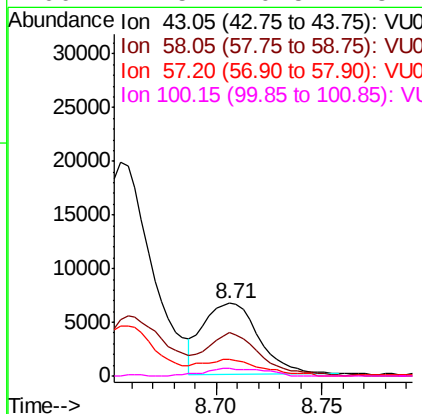
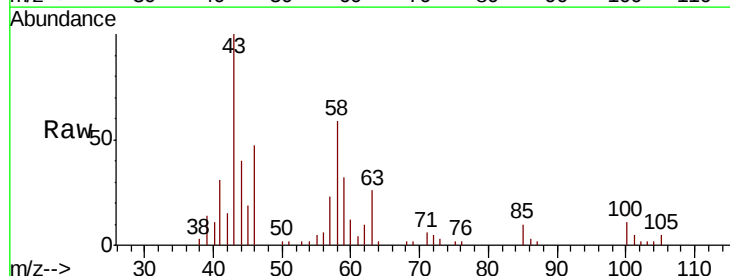
Instrument :
 MSVOA_U
 ClientSampleId :

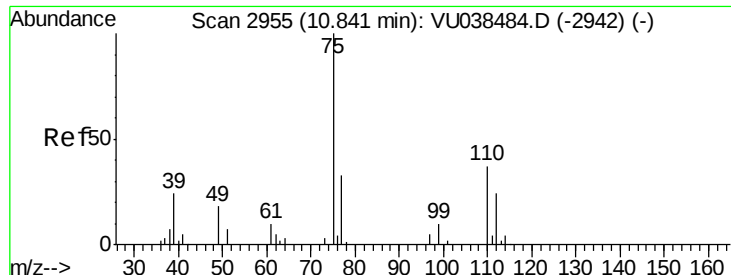
Tot Ion: 75 Resp: 2873
 Ion Ratio Lower Upper
 75 100
 77 87.1 21.9 40.7#



#48
 2-Hexanone
 Concen: 1.138 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038498.D
 Acq: 02 Jun 2020 17:04

Tgt Ion: 43 Resp: 12188
 Ion Ratio Lower Upper
 43 100
 58 59.5 45.4 68.0
 57 25.0 15.9 23.9#
 100 11.5 10.5 15.7





#59

1,2,3-Trichloropropane

Concen: 1.113 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038498.D

Acq: 02 Jun 2020 17:04

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 16429

Ion Ratio Lower Upper

75 100

77 35.9 25.4 38.2

