

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038174.D
 Acq On : 14 May 2020 17:05
 Operator : JC/MD
 Sample : L2631-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:09:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	330583	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	321002	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	152387	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104496	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.93	69	105162	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.59	63	141563	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.66	46	422760	56.67	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.34%
24) Chloroform-d	5.10	84	205550	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.74	65	127613	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.76	84	432393	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.72	67	145294	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.92	98	368085	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.20	79	51962	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.65	63	352252	59.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	124117	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	142161	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

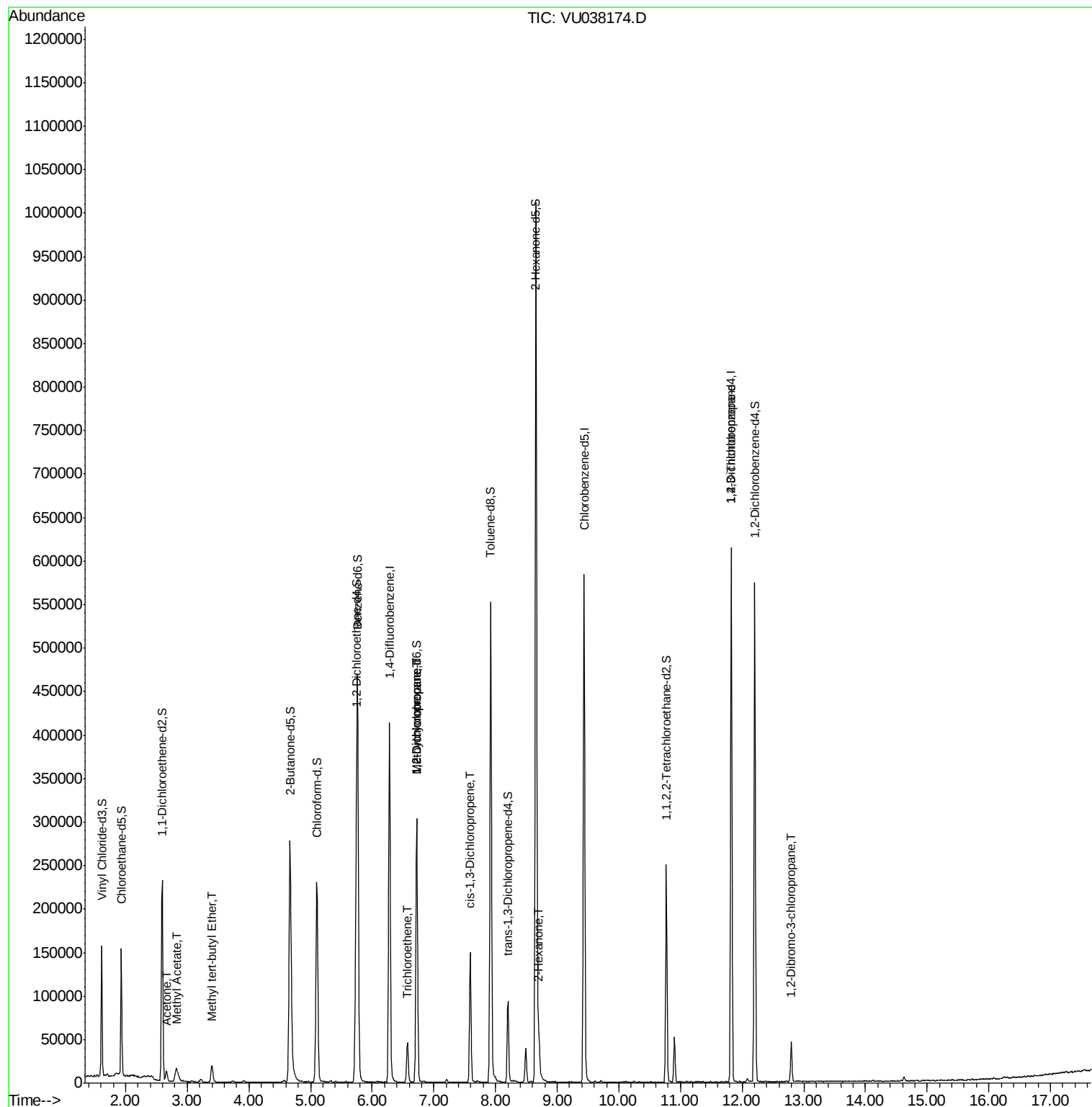
					Ovalue
13) Acetone	2.66	43	15144	3.235	ug/L 100
15) Methyl Acetate	2.82	43	6951	0.531	ug/L # 53
17) Methyl tert-butyl Ether	3.40	73	19752	0.310	ug/L 94
34) Trichloroethene	6.57	95	14614	0.568	ug/L 98
35) Methylcyclohexane	6.72	83	32900	0.790	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	15020	0.538	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	3085	0.077	ug/L # 38
48) 2-Hexanone	8.71	43	23282	1.643	ug/L # 92
59) 1,2,3-Trichloropropane	11.82	75	19559	1.044	ug/L # 85
66) 1,2-Dibromo-3-chloropropan	12.80	75	1725	0.442	ug/L # 8

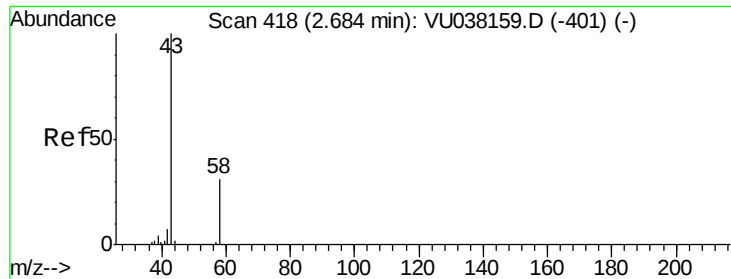
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 15 01:05:40 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.235 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU038174.D

Acq: 14 May 2020 17:05

Instrument :

MSVOA_U

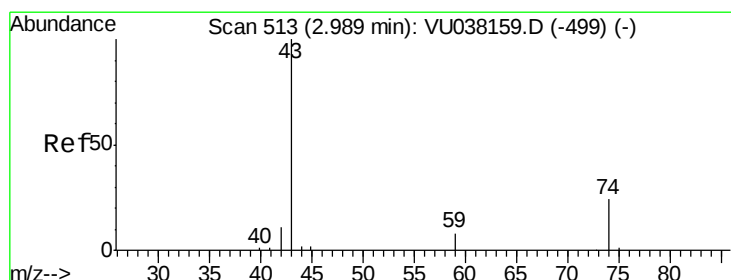
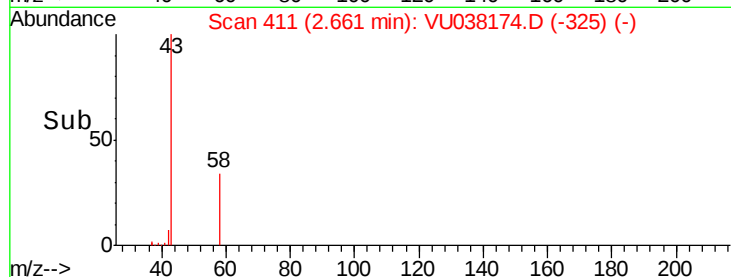
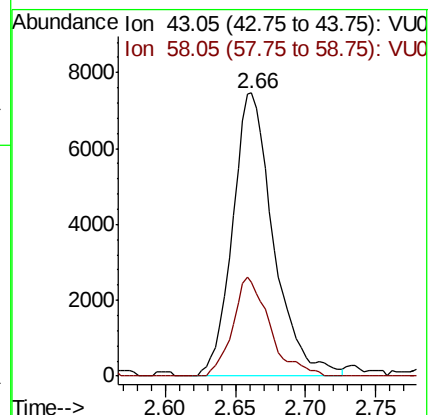
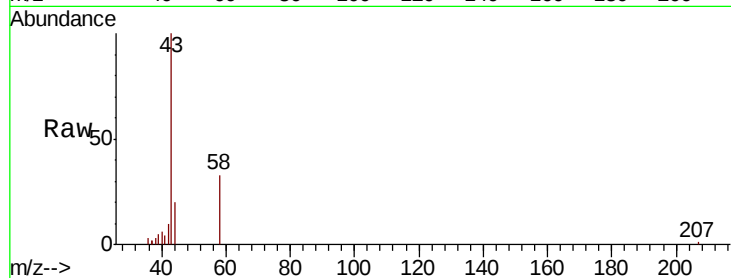
ClientSampleId :

Tot Ion: 43 Resp: 15144

Ion Ratio Lower Upper

43 100

58 31.6 0.0 63.6



#15

Methyl Acetate

Concen: 0.531 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.17 min

Lab File: VU038174.D

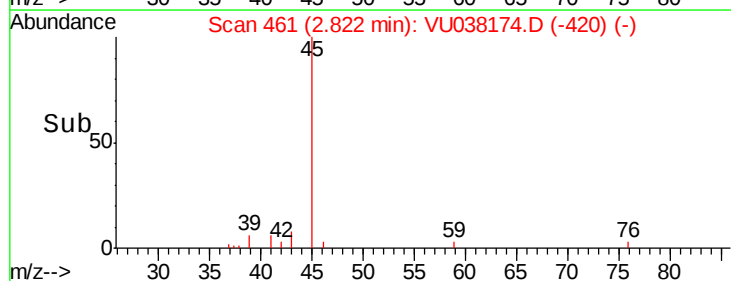
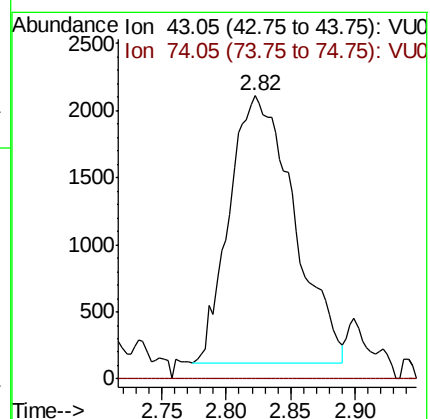
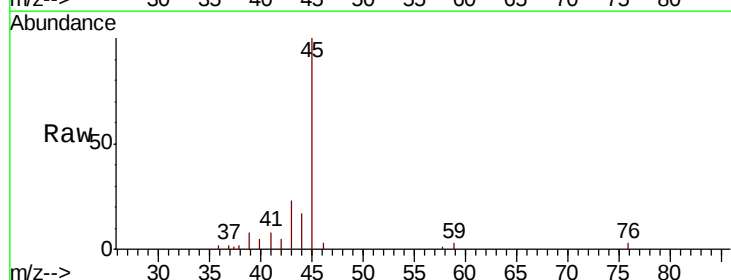
Acq: 14 May 2020 17:05

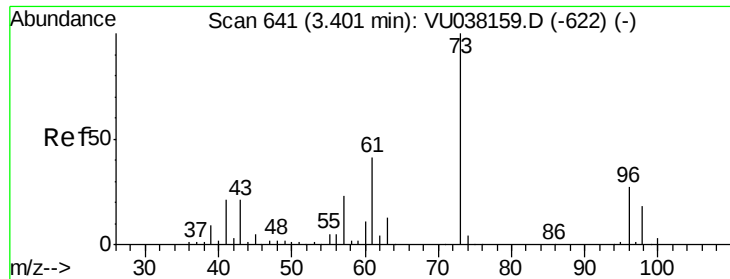
Tgt Ion: 43 Resp: 6951

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#

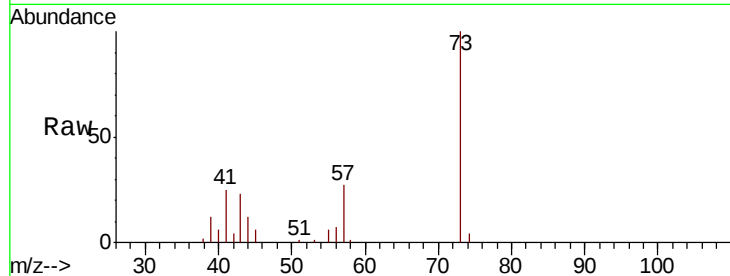




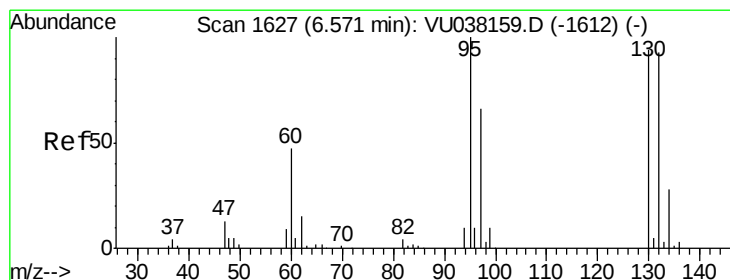
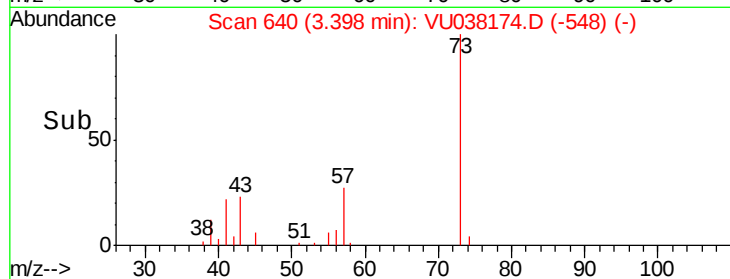
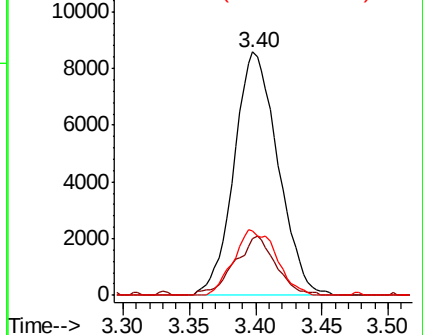
#17
Methvl tert-butvl Ether
Concen: 0.310 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU038174.D
Acq: 14 May 2020 17:05

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 19752
Ion Ratio Lower Upper
73 100
43 22.8 16.9 25.3
57 26.3 18.2 27.2

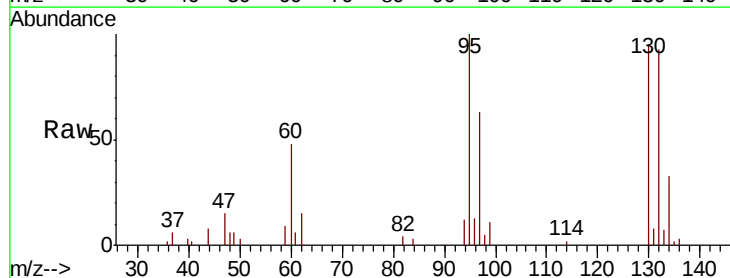


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

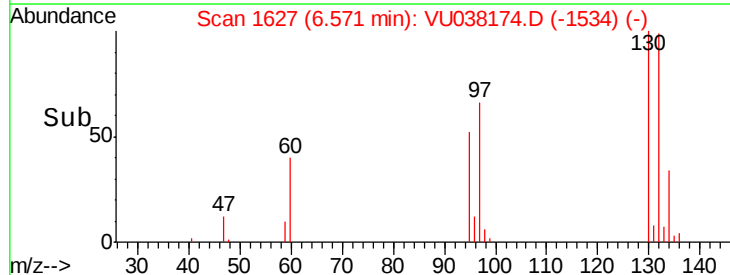
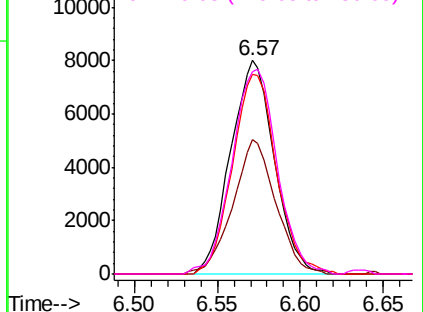


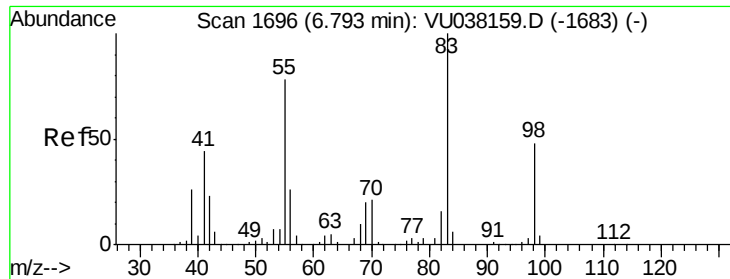
#34
Trichloroethene
Concen: 0.568 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038174.D
Acq: 14 May 2020 17:05

Tgt Ion: 95 Resp: 14614
Ion Ratio Lower Upper
95 100
97 62.9 44.9 83.3
132 93.3 63.3 117.5
130 94.7 65.7 122.1



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

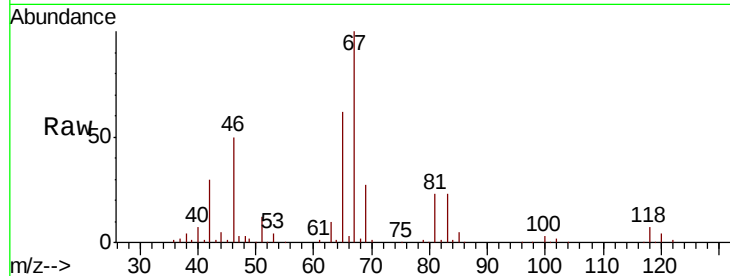




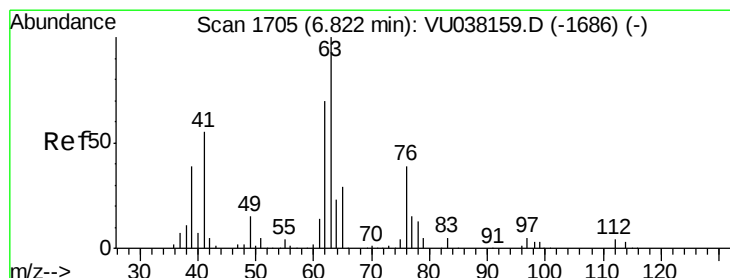
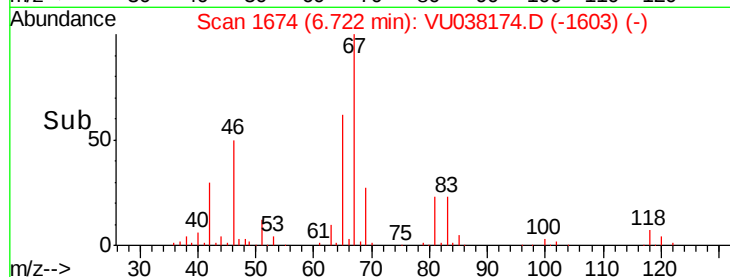
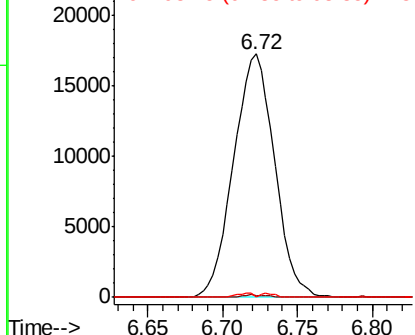
#35
Methvlcvclohexane
Concen: 0.790 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038174.D
Acq: 14 May 2020 17:05

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 32900
Ion Ratio Lower Upper
83 100
55 0.6 66.7 100.1#
98 0.7 39.4 59.2#

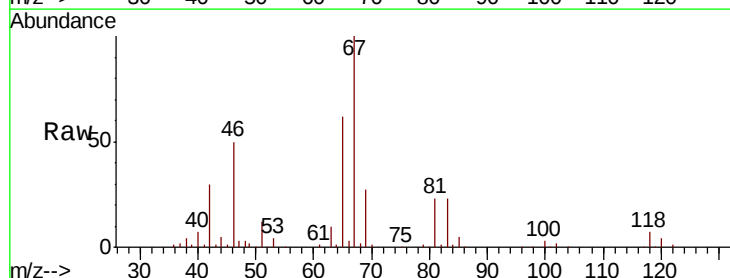


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

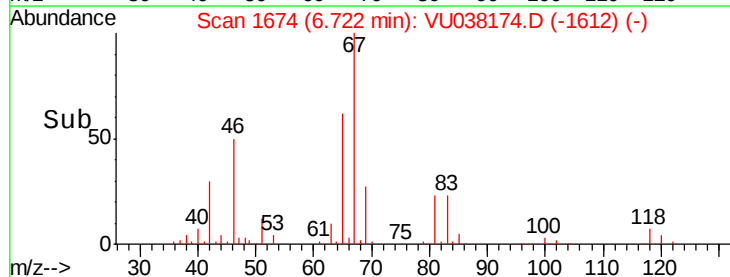
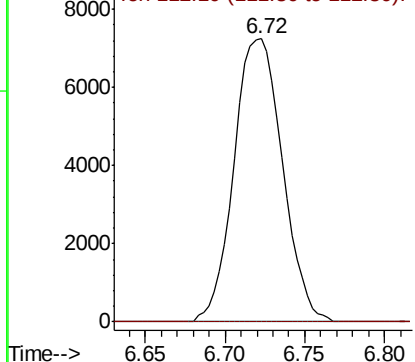


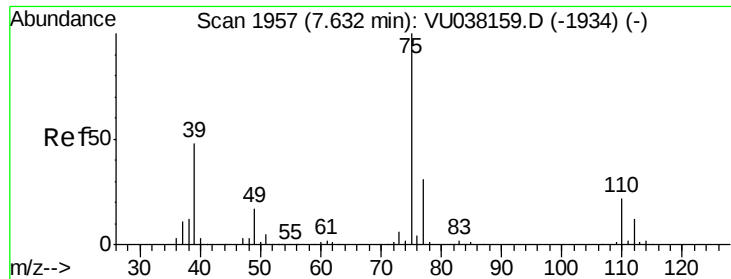
#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038174.D
Acq: 14 May 2020 17:05

Tgt Ion: 63 Resp: 15020
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

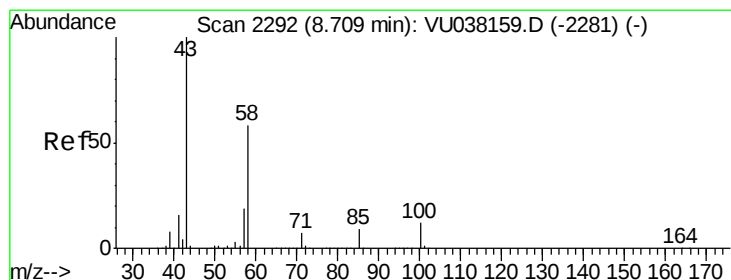
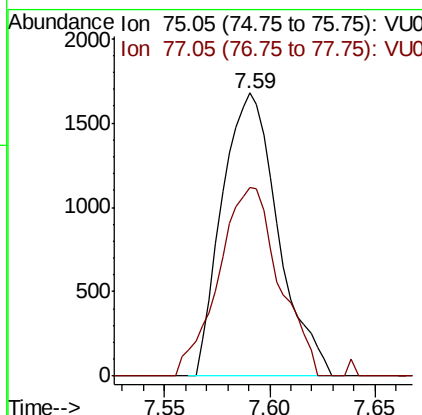
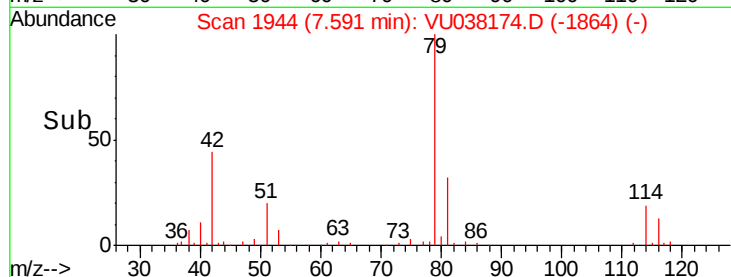
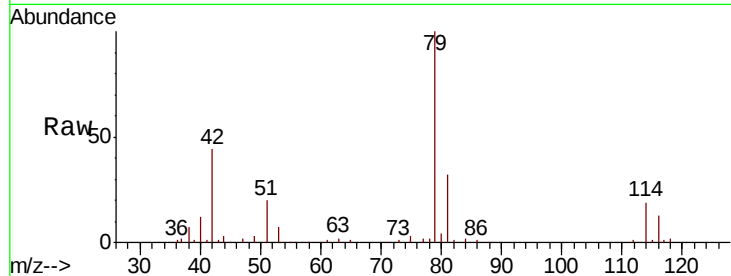




#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038174.D
 Acq: 14 May 2020 17:05

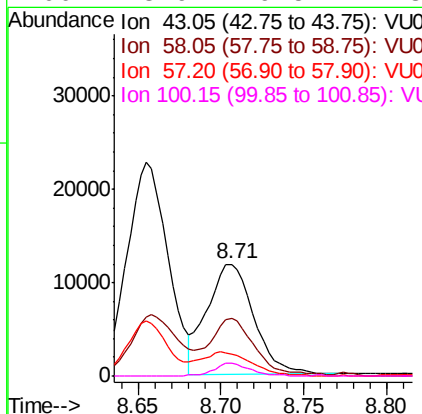
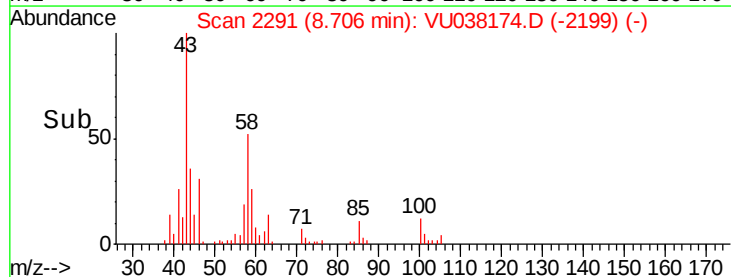
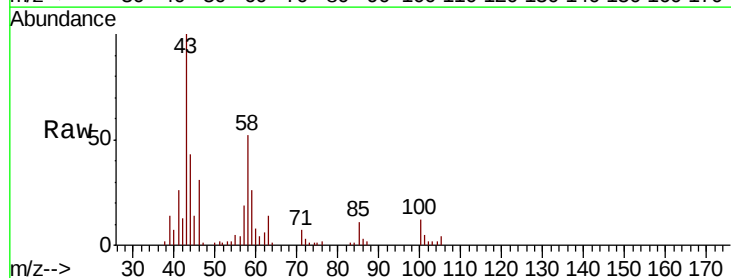
Instrument :
 MSVOA_U
 ClientSampleId :

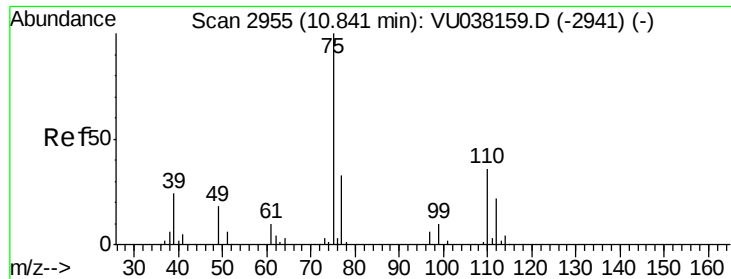
Tot Ion: 75 Resp: 3085
 Ion Ratio Lower Upper
 75 100
 77 66.7 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.643 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038174.D
 Acq: 14 May 2020 17:05

Tgt Ion: 43 Resp: 23282
 Ion Ratio Lower Upper
 43 100
 58 50.4 45.2 67.8
 57 23.4 15.5 23.3#
 100 8.9 9.5 14.3#





#59

1,2,3-Trichloropropane

Concen: 1.044 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038174.D

Acq: 14 May 2020 17:05

Instrument :

MSVOA_U

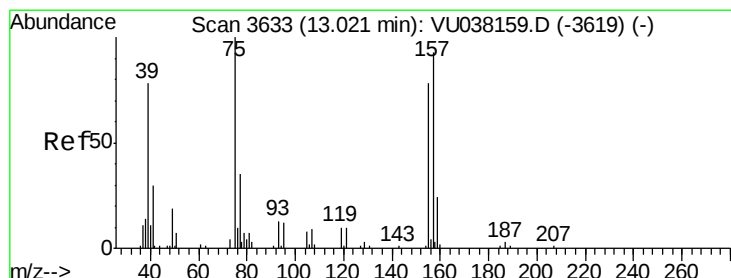
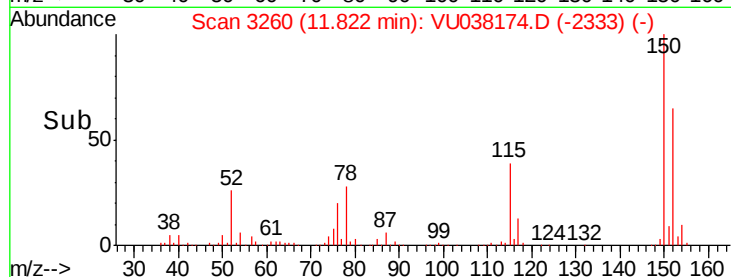
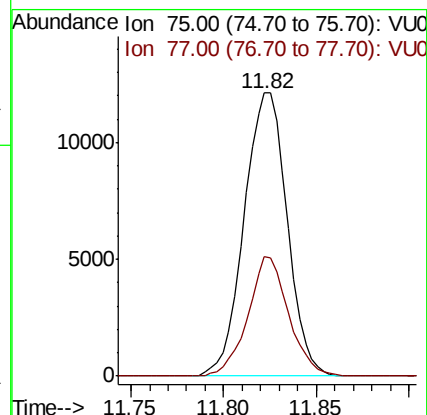
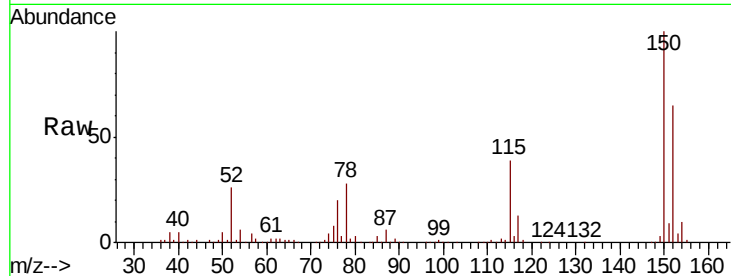
ClientSampleId :

Tot Ion: 75 Resp: 19559

Ion Ratio Lower Upper

75 100

77 40.0 25.4 38.0#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.442 ug/L

RT: 12.80 min Scan# 3563

Delta R.T. -0.22 min

Lab File: VU038174.D

Acq: 14 May 2020 17:05

Tgt Ion: 75 Resp: 1725

Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.2#

157 0.0 72.9 109.3#

