

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038170.D
 Acq On : 14 May 2020 15:32
 Operator : JC/MD
 Sample : L2631-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:08:41 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	333013	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	326129	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	151529	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	113558	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.93	69	112544	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.59	63	154672	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.66	46	456188	60.70	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.40%
24) Chloroform-d	5.10	84	222252	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	137282	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.76	84	468868	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.72	67	156052	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.92	98	405479	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.20	79	56630	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.65	63	372207	62.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	130487	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	157078	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

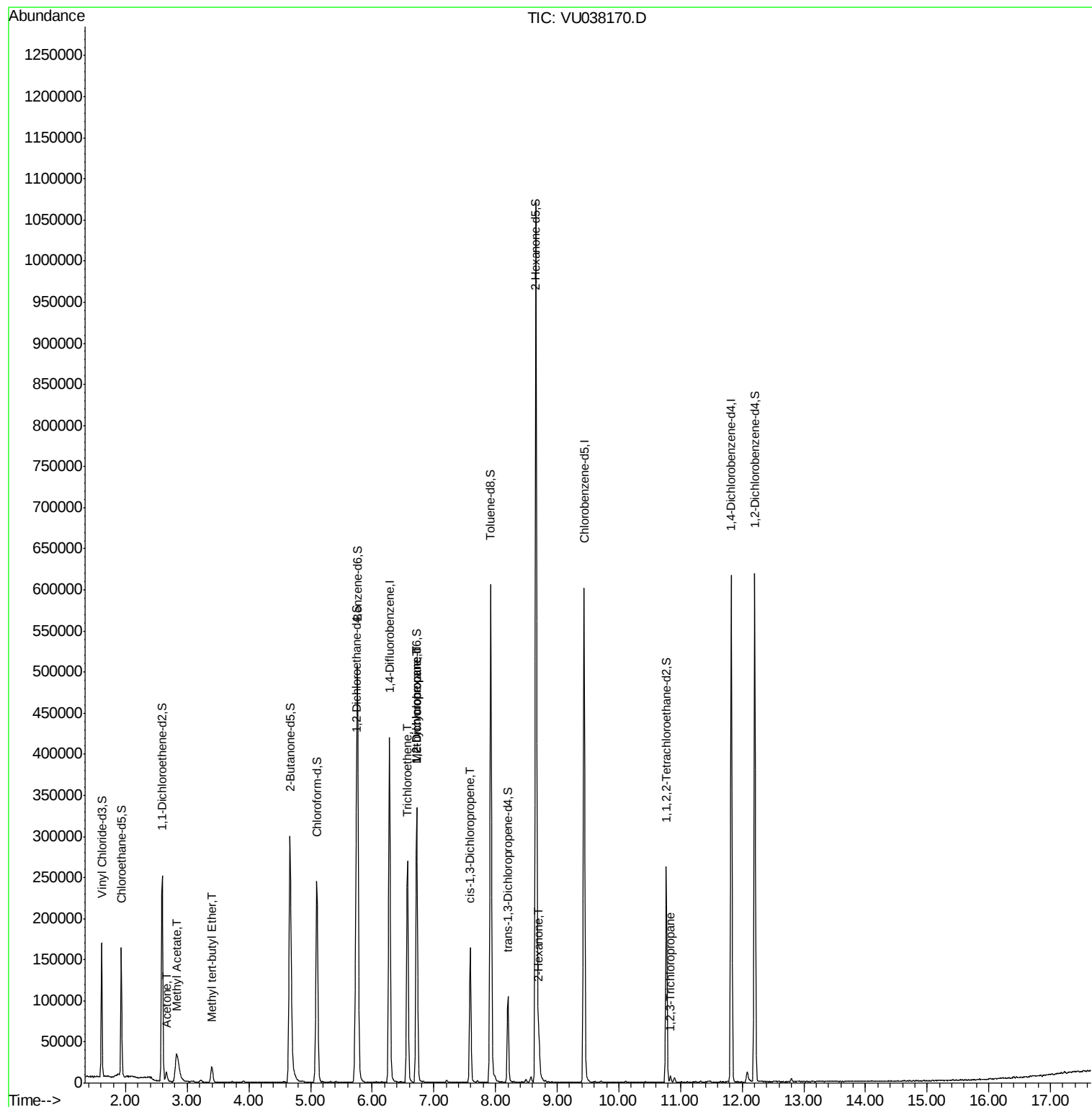
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	14845	3.148	ug/L	95
15) Methyl Acetate	2.85	43	9414	0.714	ug/L #	53
17) Methyl tert-butyl Ether	3.40	73	19796	0.308	ug/L	95
34) Trichloroethene	6.57	95	91290	3.495	ug/L	98
35) Methylcyclohexane	6.72	83	35067	0.829	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	16644	0.587	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3911	0.096	ug/L #	64
48) 2-Hexanone	8.71	43	24563	1.706	ug/L #	95
59) 1,2,3-Trichloropropane	10.84	75	3027	0.159	ug/L	91

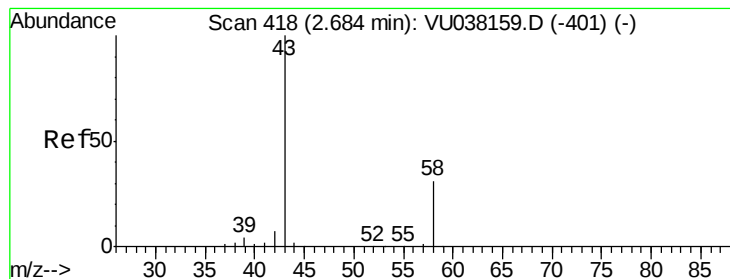
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 15 01:05:40 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.148 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU038170.D

Acq: 14 May 2020 15:32

Instrument :

MSVOA_U

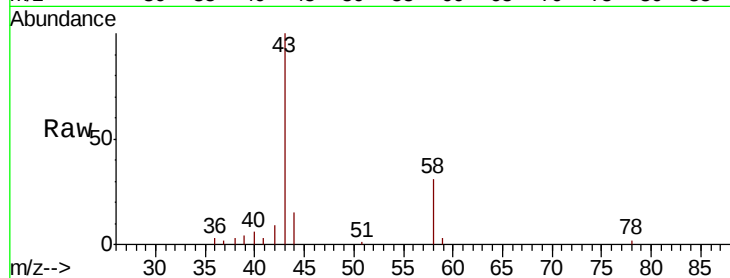
ClientSampleId :

Tot Ion: 43 Resp: 14845

Ion Ratio Lower Upper

43 100

58 29.3 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038170.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU038170.D (-325) (-)

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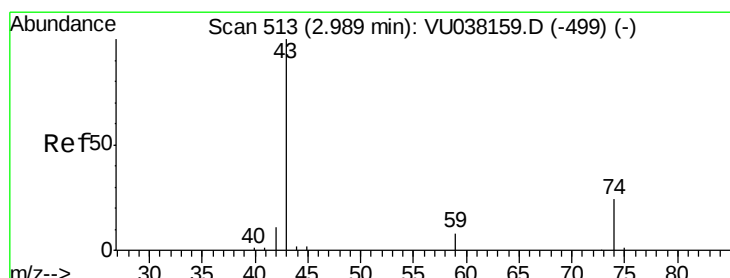
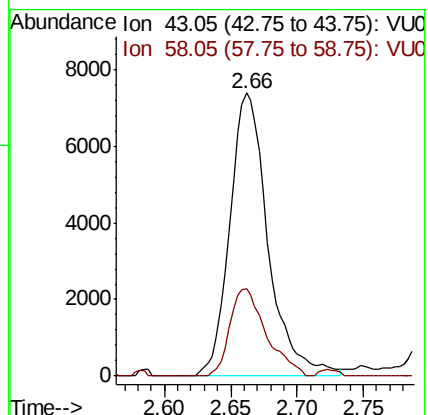
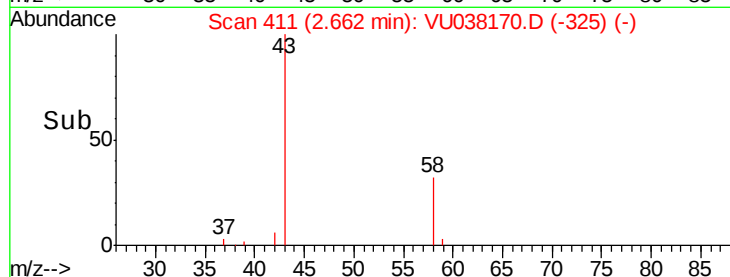
2.66

2.66

2.66

2.66

2.66



#15

Methyl Acetate

Concen: 0.714 ug/L

RT: 2.85 min Scan# 469

Delta R.T. -0.14 min

Lab File: VU038170.D

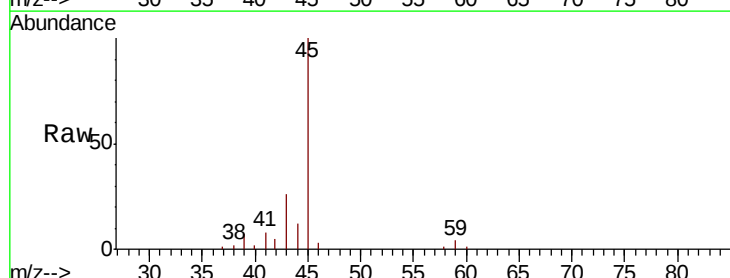
Acq: 14 May 2020 15:32

Tgt Ion: 43 Resp: 9414

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#



Abundance Ion 43.05 (42.75 to 43.75): VU038170.D (-420) (-)

Ion 74.05 (73.75 to 74.75): VU038170.D (-420) (-)

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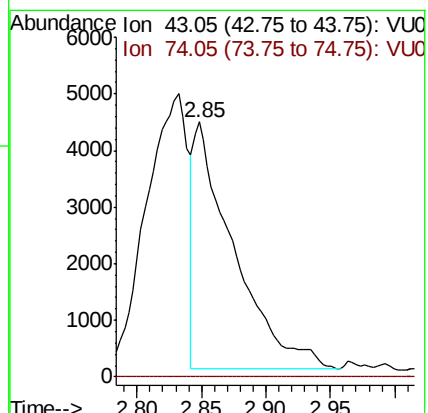
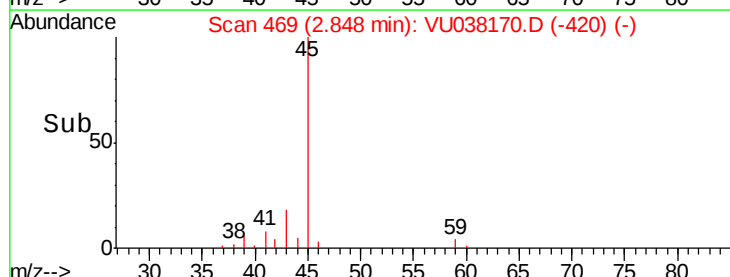
2.85

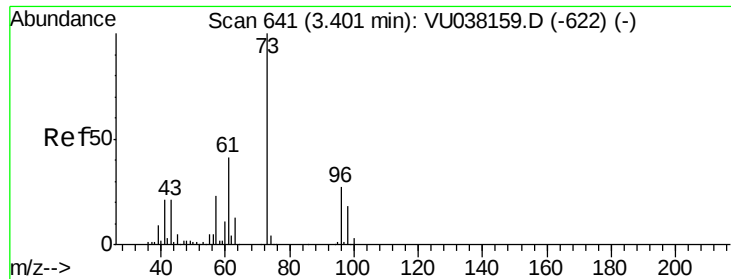
2.85

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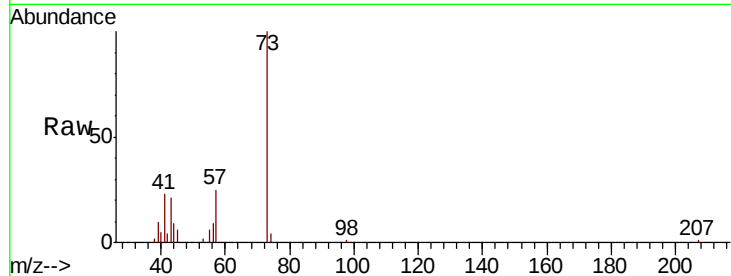




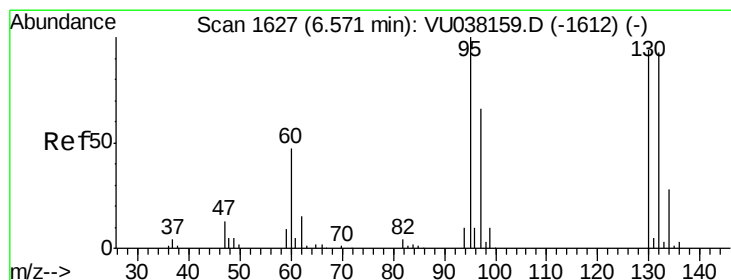
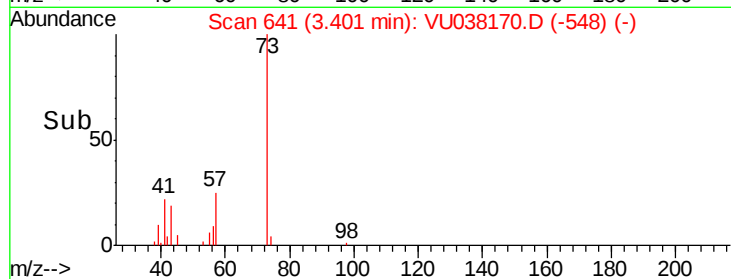
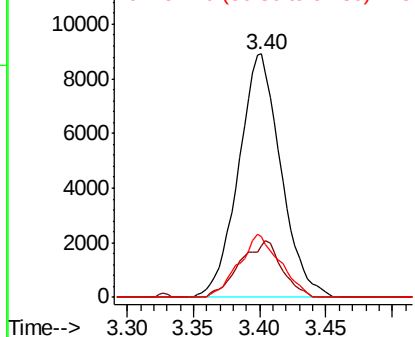
#17
Methvl tert-butvl Ether
Concen: 0.308 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU038170.D
Acq: 14 May 2020 15:32

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 19796
Ion Ratio Lower Upper
73 100
43 23.1 16.9 25.3
57 25.0 18.2 27.2

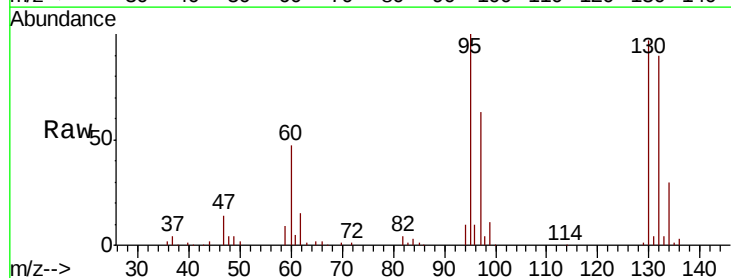


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

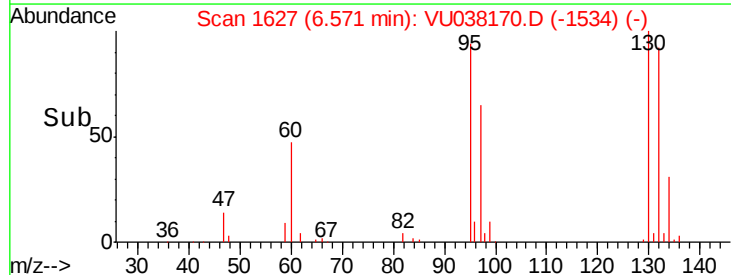
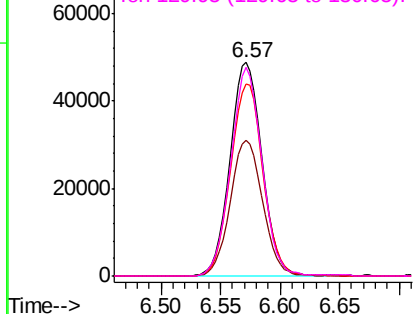


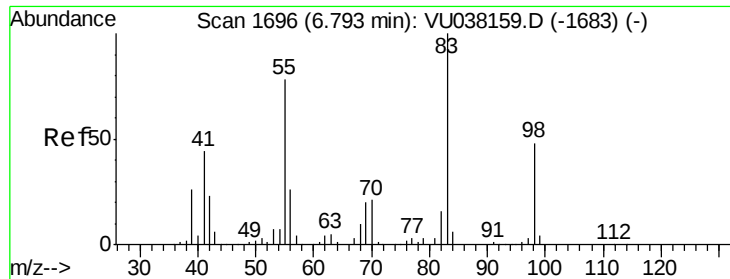
#34
Trichloroethene
Concen: 3.495 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038170.D
Acq: 14 May 2020 15:32

Tgt Ion: 95 Resp: 91290
Ion Ratio Lower Upper
95 100
97 63.3 44.9 83.3
132 90.1 63.3 117.5
130 97.4 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

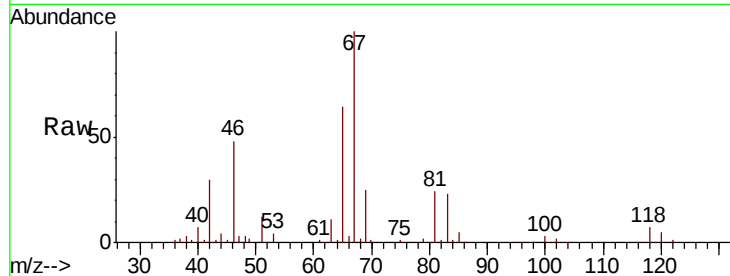




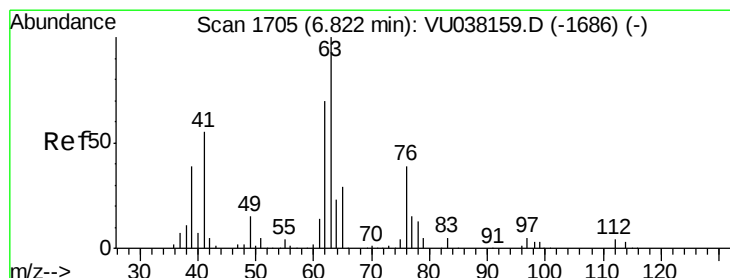
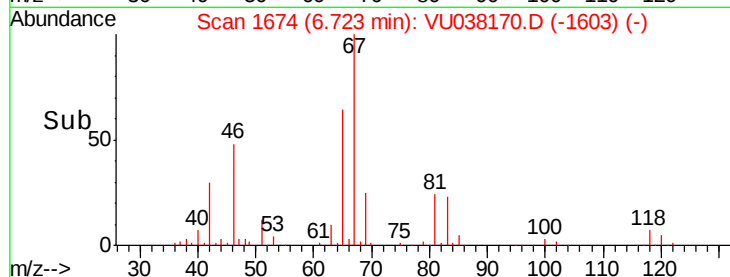
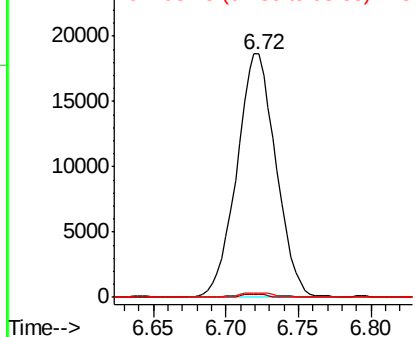
#35
Methvlcvclohexane
Concen: 0.829 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038170.D
Acq: 14 May 2020 15:32

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 35067
Ion Ratio Lower Upper
83 100
55 0.7 66.7 100.1#
98 1.8 39.4 59.2#

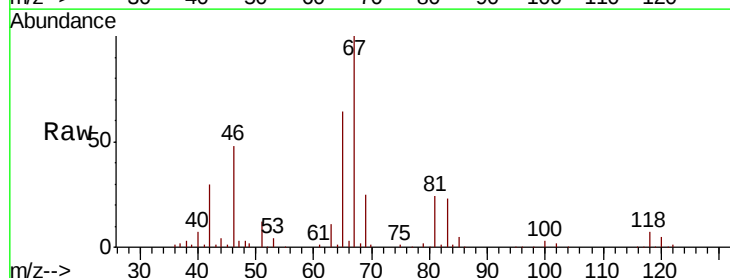


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

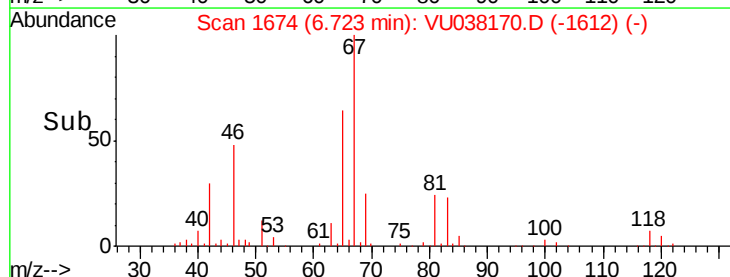
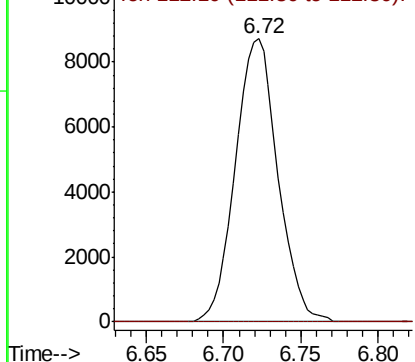


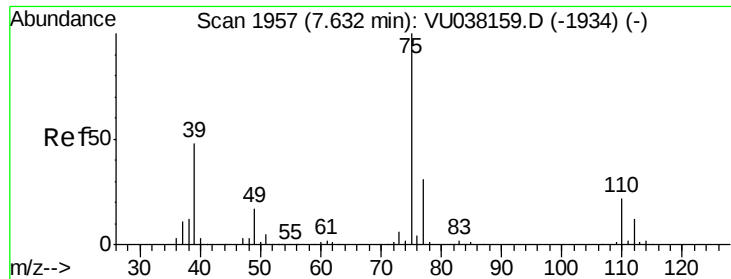
#37
1,2-Dichloropropane
Concen: 0.587 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038170.D
Acq: 14 May 2020 15:32

Tgt Ion: 63 Resp: 16644
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

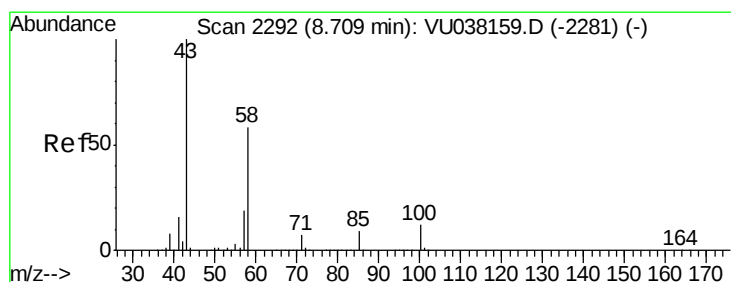
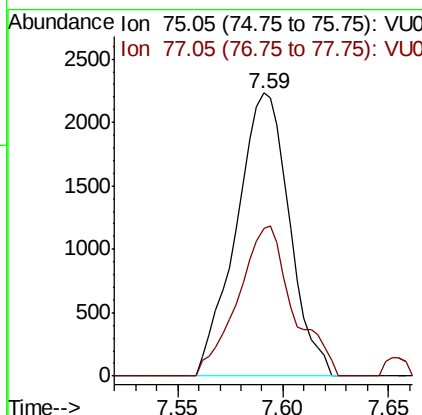
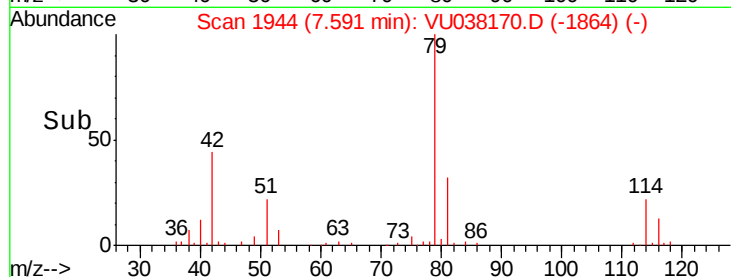
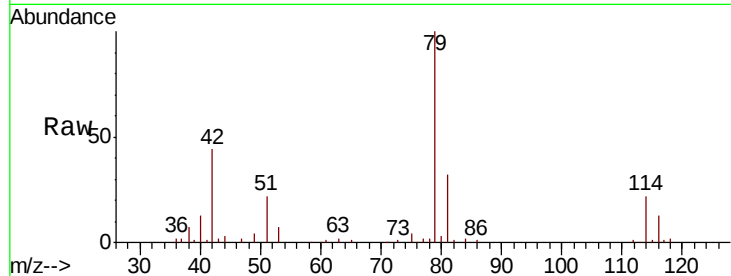




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038170.D
 Acq: 14 May 2020 15:32

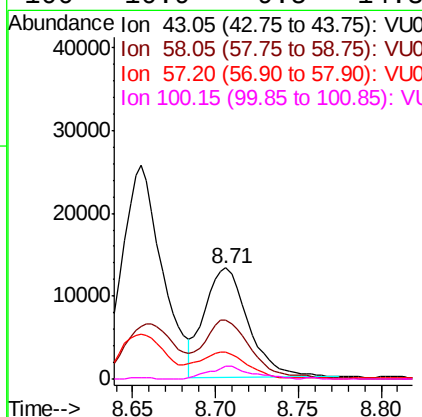
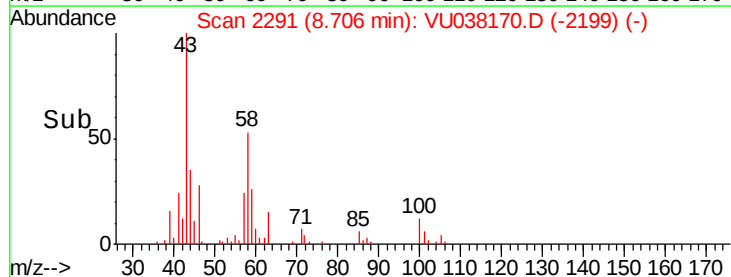
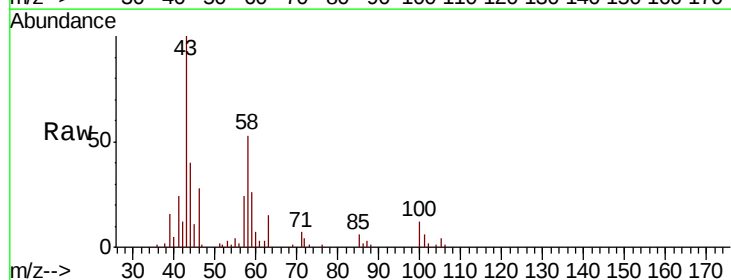
Instrument :
 MSVOA_U
 ClientSampleId :

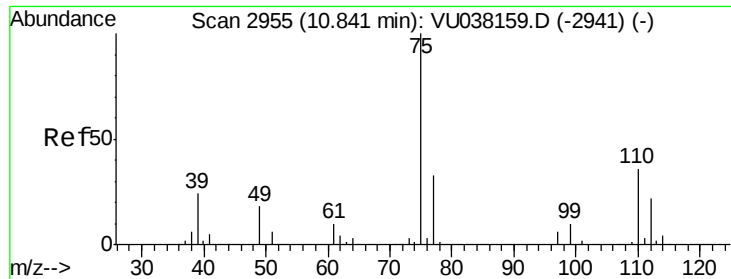
Tot Ion: 75 Resp: 3911
 Ion Ratio Lower Upper
 75 100
 77 52.2 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.706 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038170.D
 Acq: 14 May 2020 15:32

Tgt Ion: 43 Resp: 24563
 Ion Ratio Lower Upper
 43 100
 58 56.1 45.2 67.8
 57 27.3 15.5 23.3#
 100 10.9 9.5 14.3





#59

1,2,3-Trichloropropane

Concen: 0.159 ug/L

RT: 10.84 min Scan# 2954

Delta R.T. -0.00 min

Lab File: VU038170.D

Acq: 14 May 2020 15:32

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 3027

Ion Ratio Lower Upper

75 100

77 36.8 25.4 38.0

