

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038430.D
 Acq On : 30 May 2020 21:48
 Operator : JC/MD
 Sample : L2787-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 02:42:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 02:37:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	320483	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	311993	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	152645	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102111	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.93	69	83141	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.59	63	149121	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.67	46	358761	56.94	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.88%
24) Chloroform-d	5.10	84	202372	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.74	65	119491	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.76	84	408093	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.72	67	127033	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.92	98	343511	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	8.20	79	50214	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.65	63	308955	60.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108115	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	139625	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

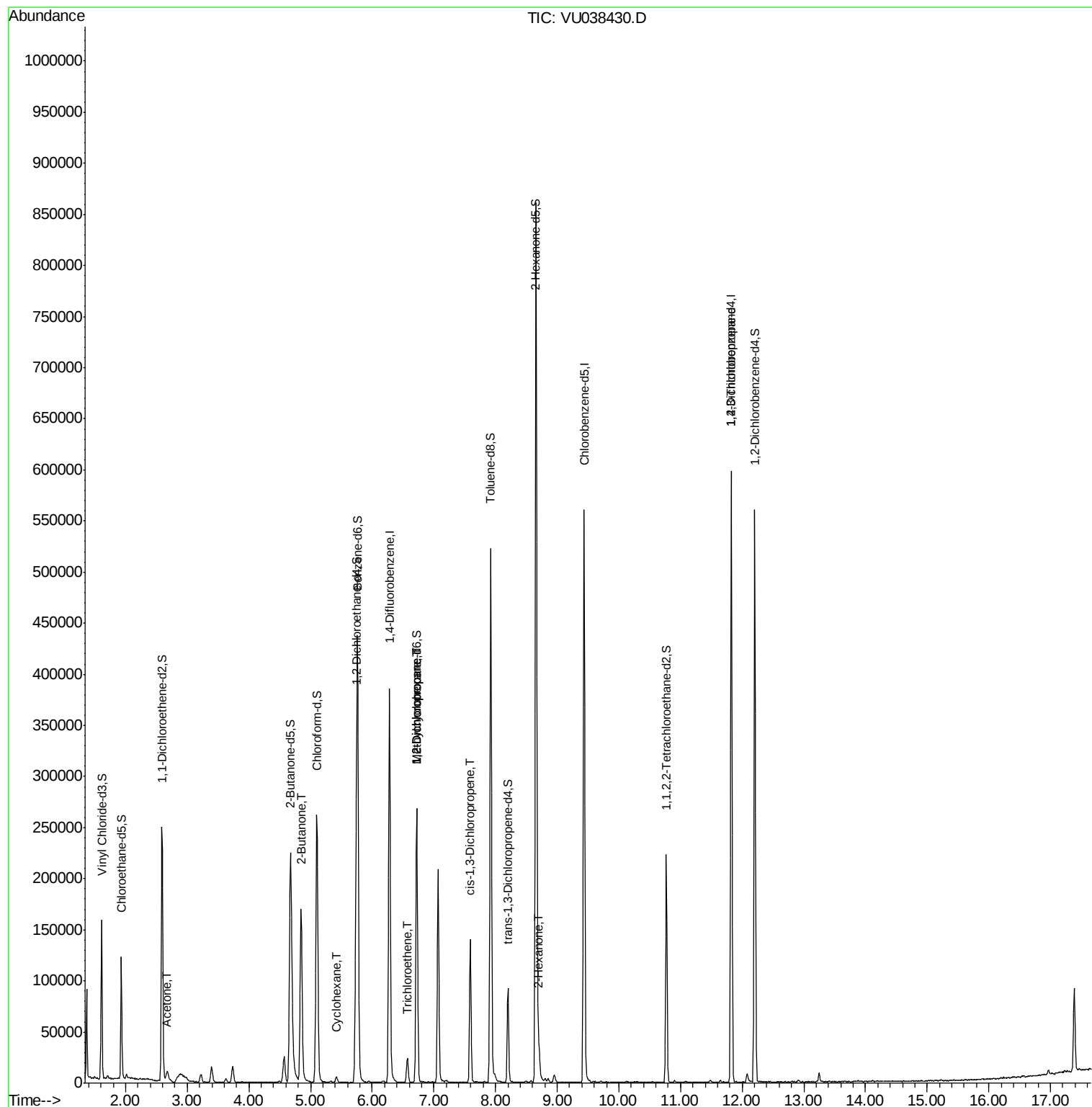
					Ovalue
13) Acetone	2.67	43	7903	1.917 ug/L #	17
21) 2-Butanone	4.84	43	233997	33.737 ug/L #	50
30) Cyclohexane	5.42	56	2511	0.073 ug/L #	60
34) Trichloroethene	6.57	95	6963	0.308 ug/L	94
35) Methylcyclohexane	6.72	83	29259	0.837 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13437	0.614 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3282	0.101 ug/L #	47
48) 2-Hexanone	8.71	43	15068	1.271 ug/L #	86
59) 1,2,3-Trichloropropane	11.83	75	19385	1.186 ug/L	89

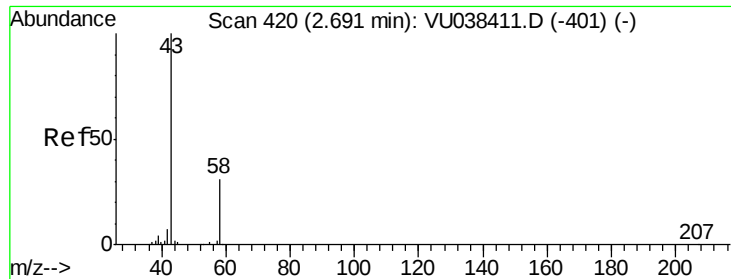
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 02:37:32 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.917 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU038430.D

Acq: 30 May 2020 21:48

Instrument :

MSVOA_U

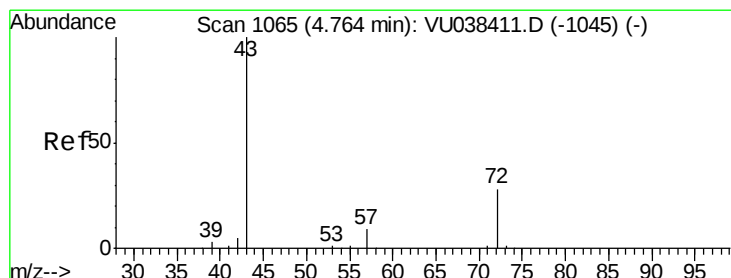
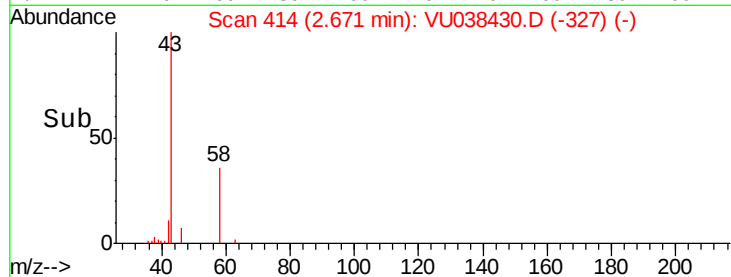
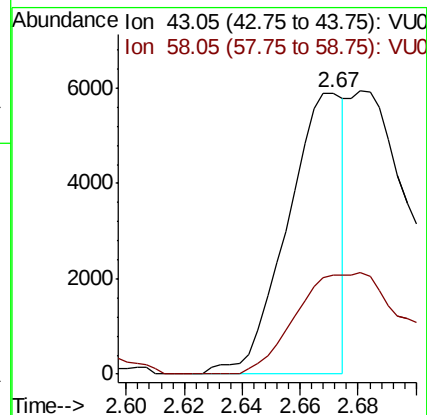
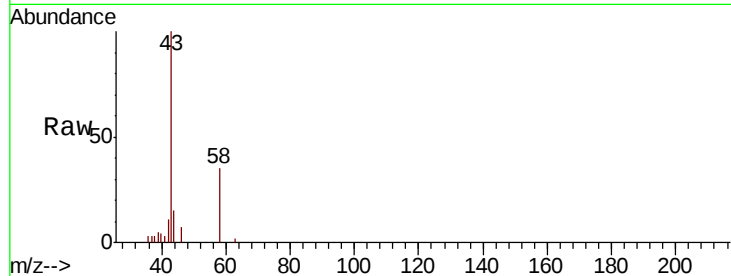
ClientSampleId :

Tot Ion: 43 Resp: 7903

Ion Ratio Lower Upper

43 100

58 79.5 0.0 65.6#



#21

2-Butanone

Concen: 33.737 ug/L

RT: 4.84 min Scan# 1090

Delta R.T. 0.08 min

Lab File: VU038430.D

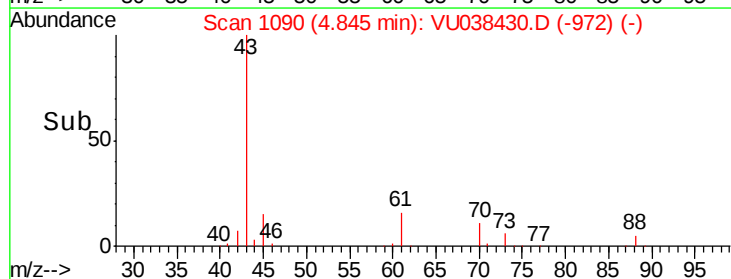
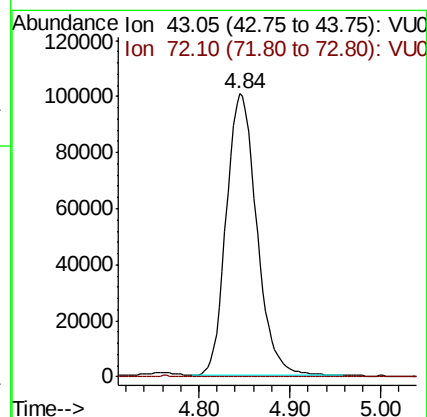
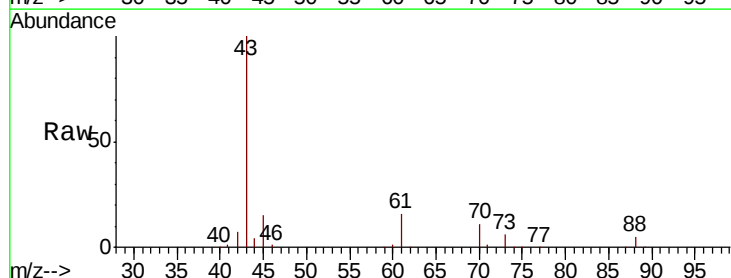
Acq: 30 May 2020 21:48

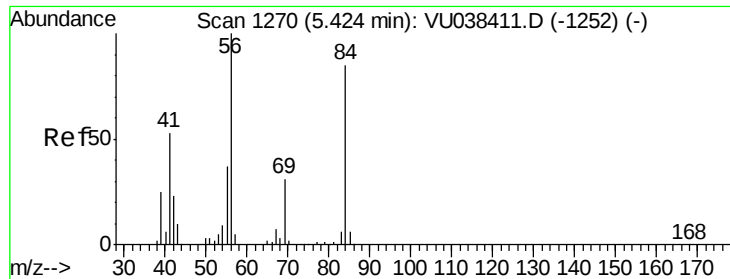
Tgt Ion: 43 Resp: 233997

Ion Ratio Lower Upper

43 100

72 0.0 12.6 37.8#

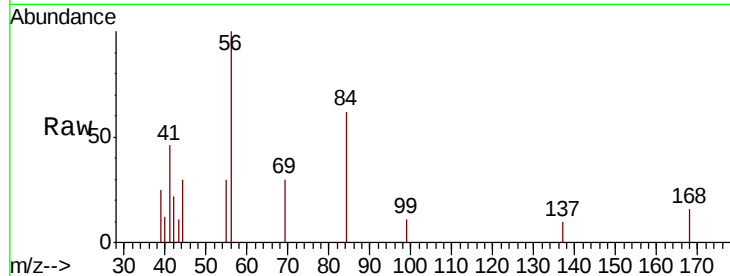




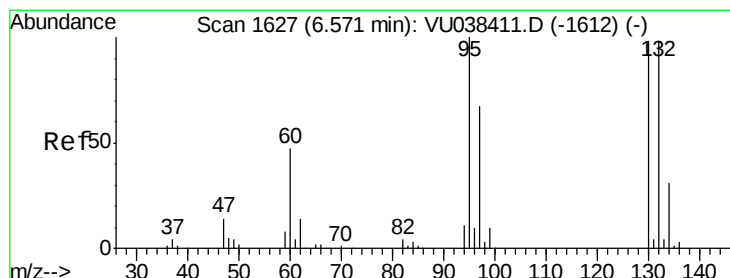
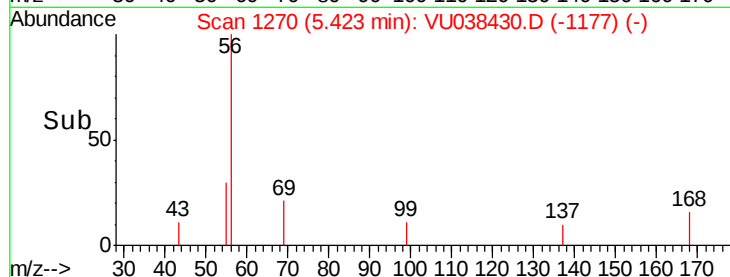
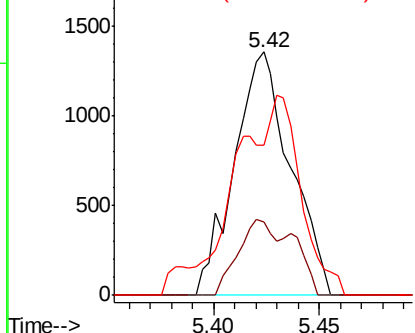
#30
Cyclohexane
Concen: 0.073 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038430.D
Acq: 30 May 2020 21:48

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 2511
Ion Ratio Lower Upper
56 100
69 20.1 24.2 36.4#
84 44.2 70.8 106.2#

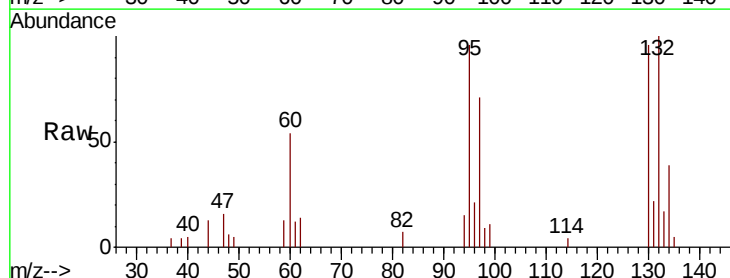


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

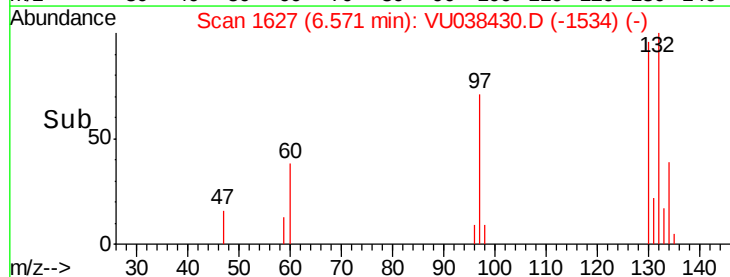
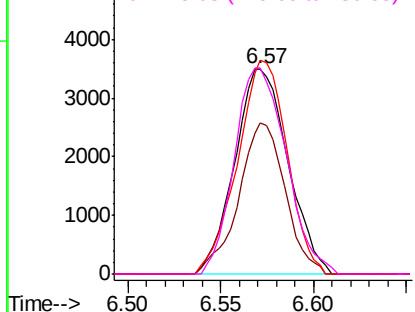


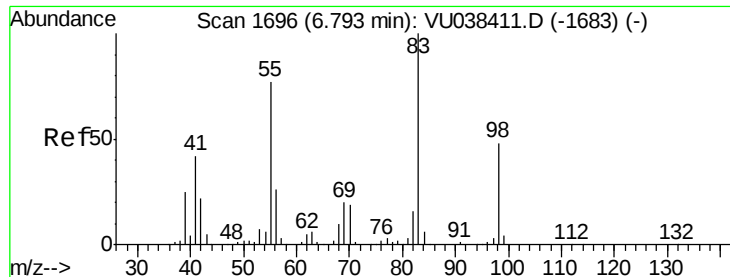
#34
Trichloroethene
Concen: 0.308 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038430.D
Acq: 30 May 2020 21:48

Tgt Ion: 95 Resp: 6963
Ion Ratio Lower Upper
95 100
97 73.7 46.8 87.0
132 104.1 66.1 122.7
130 100.2 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

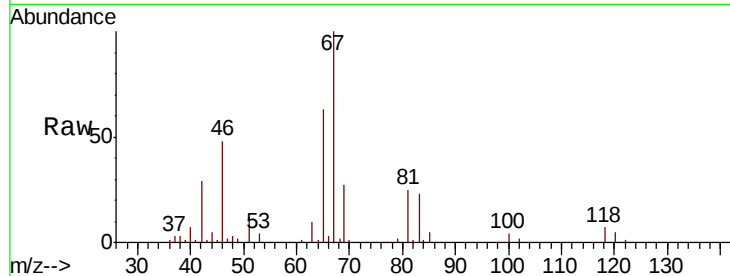




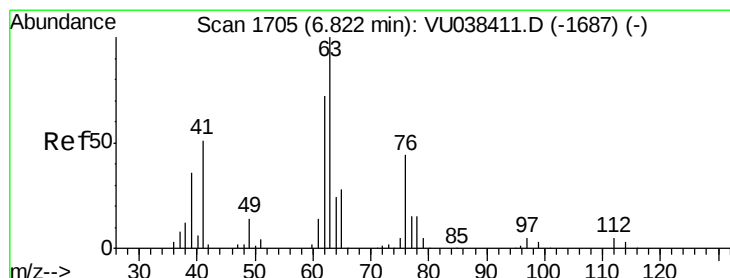
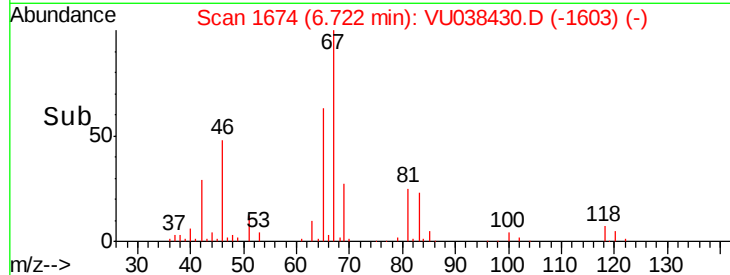
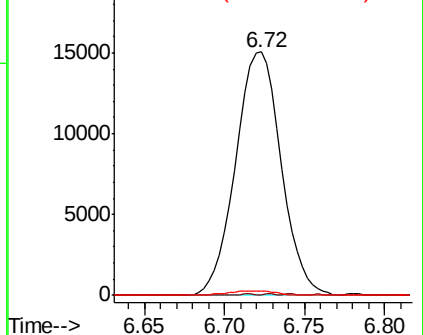
#35
Methvlcvclohexane
Concen: 0.837 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038430.D
Acq: 30 May 2020 21:48

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 29259
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.9 39.0 58.4#

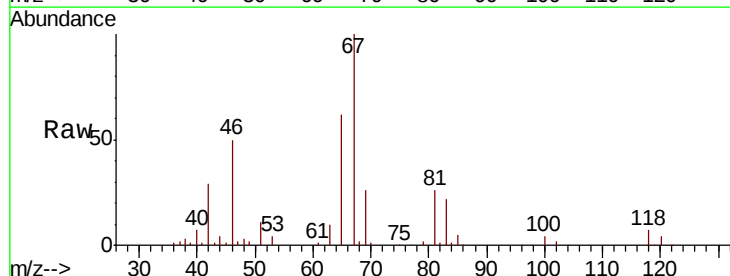


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

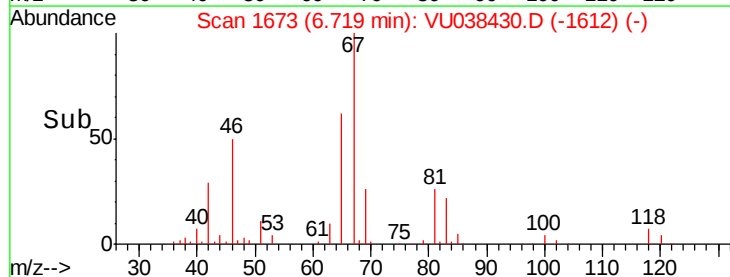
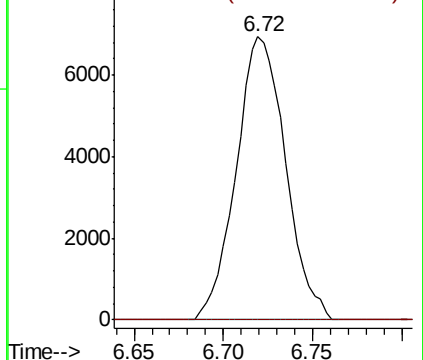


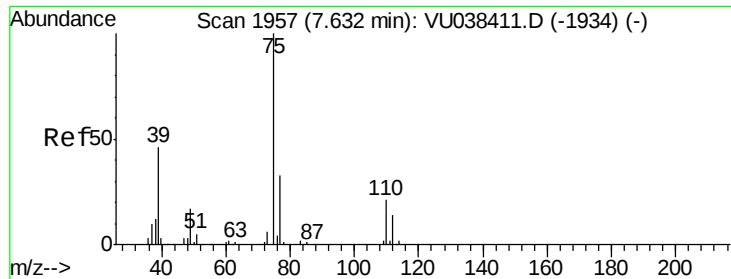
#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038430.D
Acq: 30 May 2020 21:48

Tgt Ion: 63 Resp: 13437
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



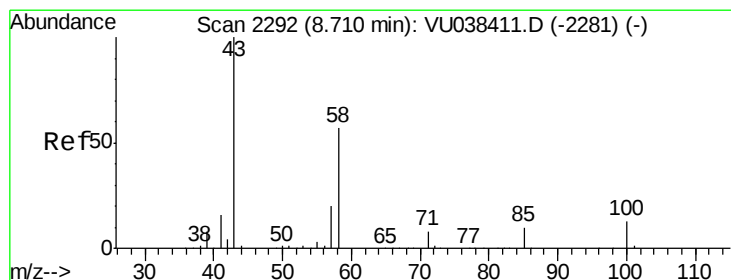
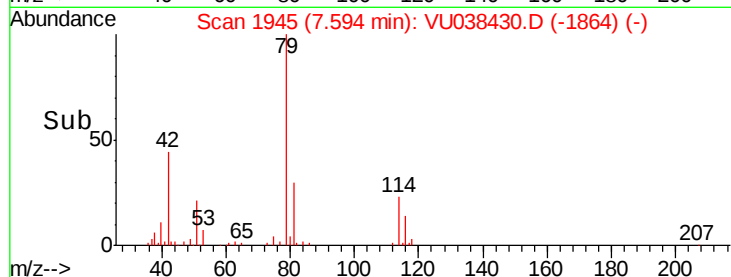
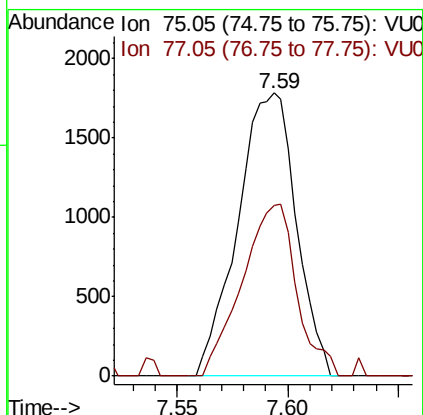
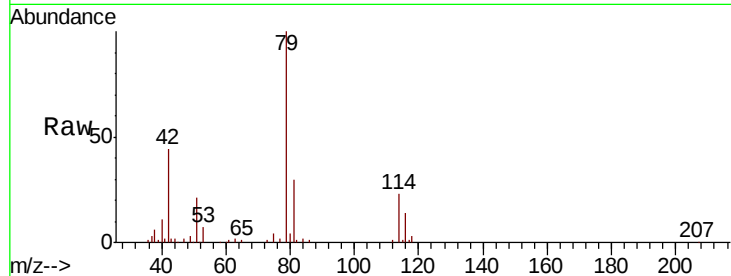


#39

cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038430.D
 Acq: 30 May 2020 21:48

Instrument :
 MSVOA_U
 ClientSampleId :

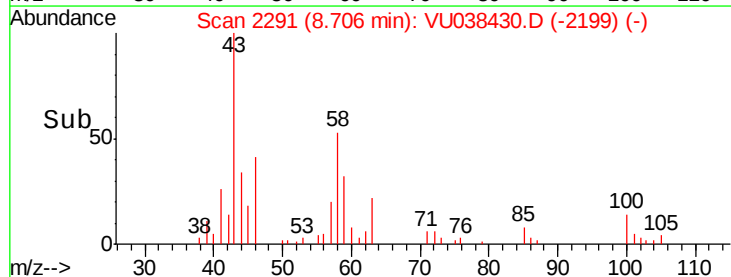
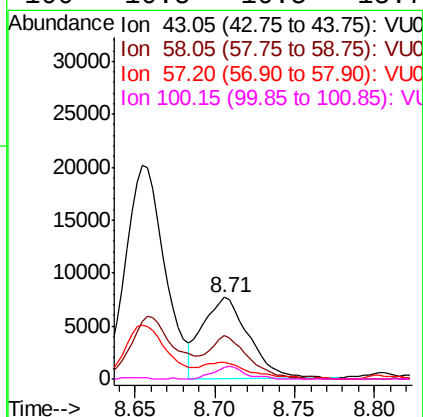
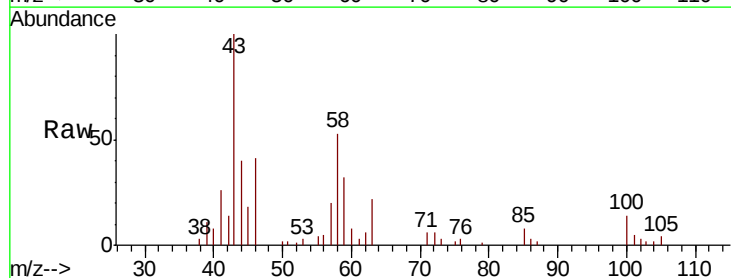
Tot Ion: 75 Resp: 3282
 Ion Ratio Lower Upper
 75 100
 77 60.5 21.9 40.7#

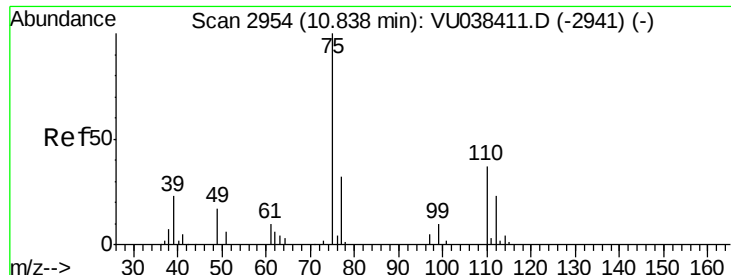


#48

2-Hexanone
 Concen: 1.271 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038430.D
 Acq: 30 May 2020 21:48

Tgt Ion: 43 Resp: 15068
 Ion Ratio Lower Upper
 43 100
 58 42.9 45.4 68.0#
 57 21.8 15.9 23.9
 100 10.5 10.5 15.7#





#59

1,2,3-Trichloropropane

Concen: 1.186 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038430.D

Acq: 30 May 2020 21:48

Instrument :

MSVOA_U

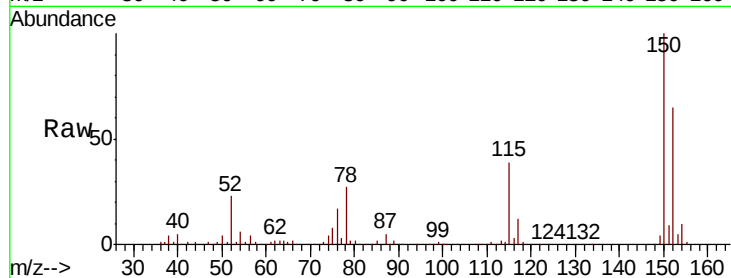
ClientSampleId :

Tot Ion: 75 Resp: 19385

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

