

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038653.D
 Acq On : 07 Jun 2020 06:20
 Operator : SY/MD
 Sample : L2911-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D47

Quant Time: Jun 08 03:04:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 08 02:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	313135	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	311946	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147950	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89484	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	76073	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.59	63	141592	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.67	46	353329	57.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.78%
24) Chloroform-d	5.10	84	195165	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.74	65	115446	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.76	84	398604	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.72	67	124809	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.92	98	333007	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.20	79	46598	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.65	63	298430	58.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110290	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	139650	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

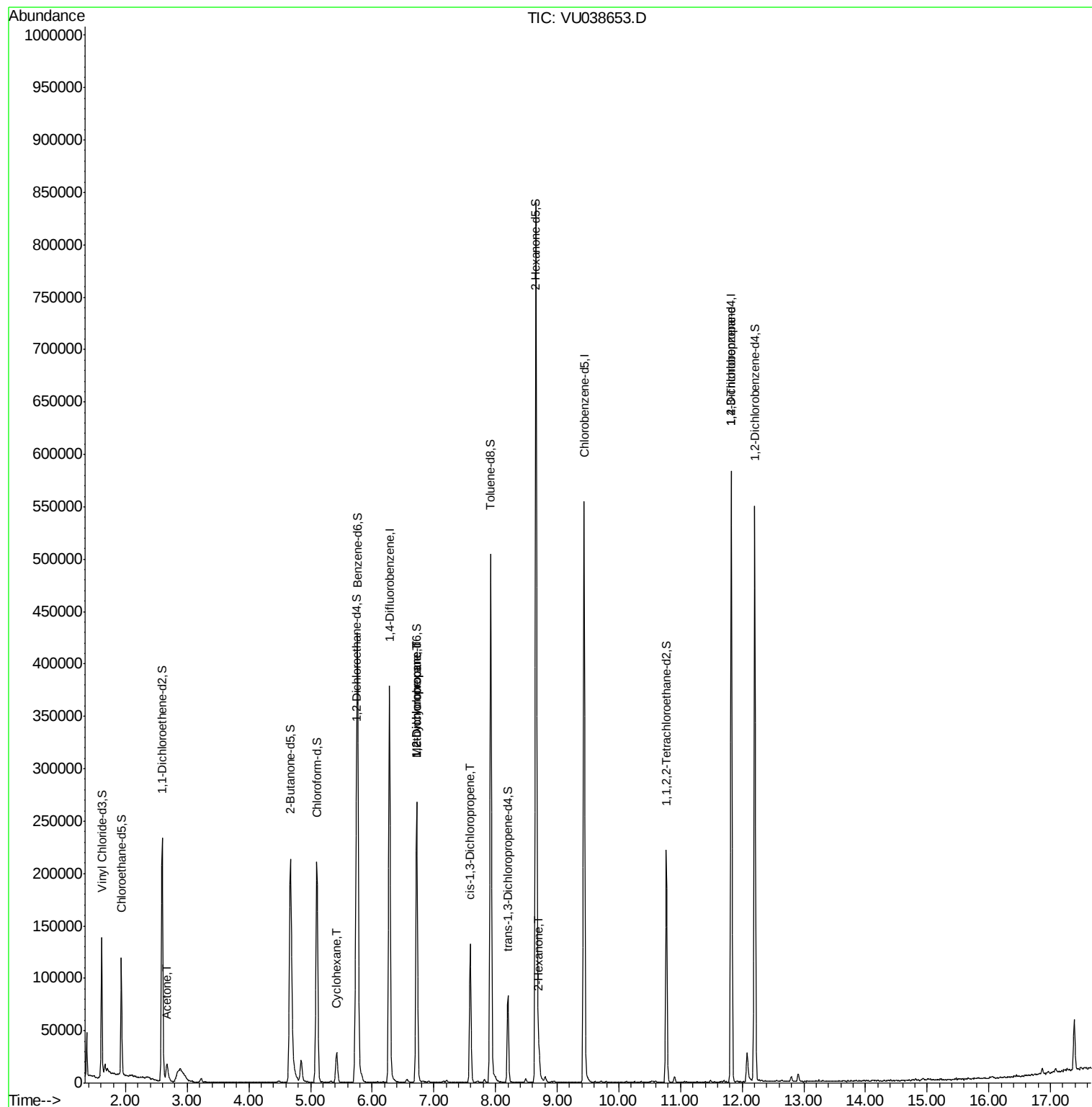
					Ovalue
13) Acetone	2.67	43	26867	6.668 ug/L	97
30) Cyclohexane	5.42	56	14002	0.405 ug/L	98
35) Methylcyclohexane	6.72	83	29948	0.857 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13808	0.631 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3413	0.106 ug/L #	69
48) 2-Hexanone	8.71	43	13908	1.173 ug/L	96
59) 1,2,3-Trichloropropane	11.83	75	19157	1.173 ug/L	90

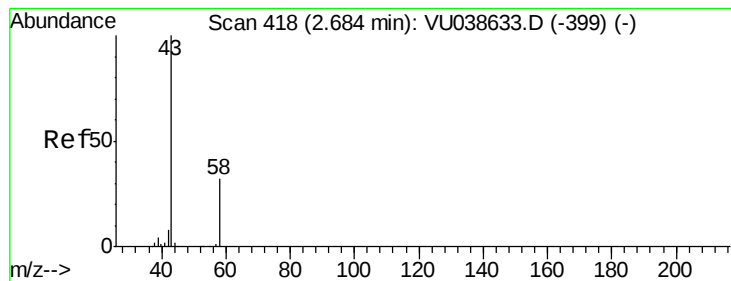
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.668 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU038653.D

Acq: 07 Jun 2020 06:20

Instrument :

MSVOA_U

ClientSampleId :

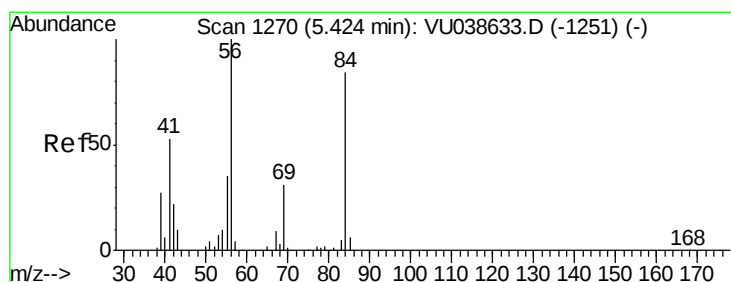
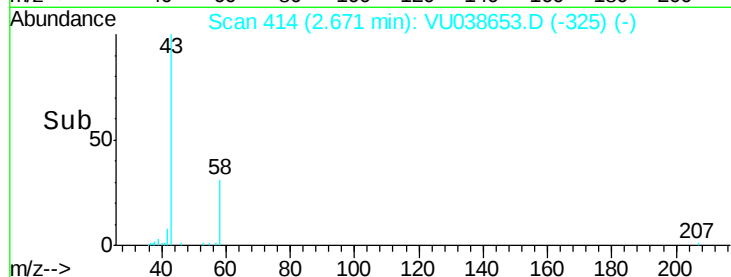
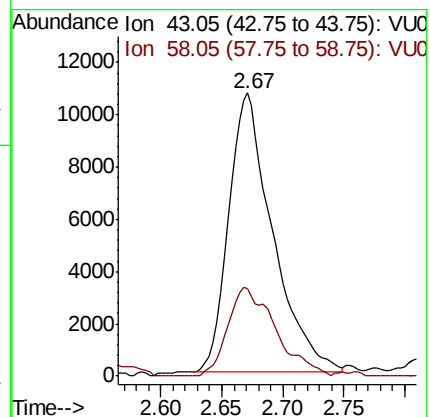
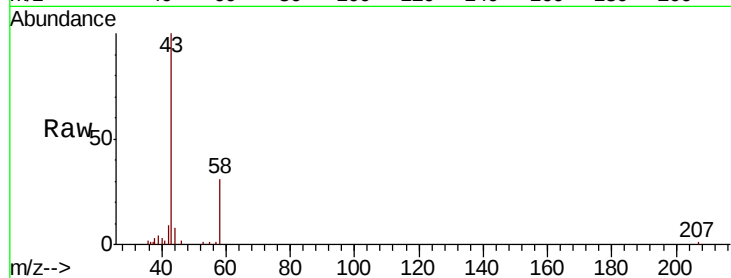
F9D47

Tot Ion: 43 Resp: 26867

Ion Ratio Lower Upper

43 100

58 34.4 0.0 65.6



#30

Cyclohexane

Concen: 0.405 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU038653.D

Acq: 07 Jun 2020 06:20

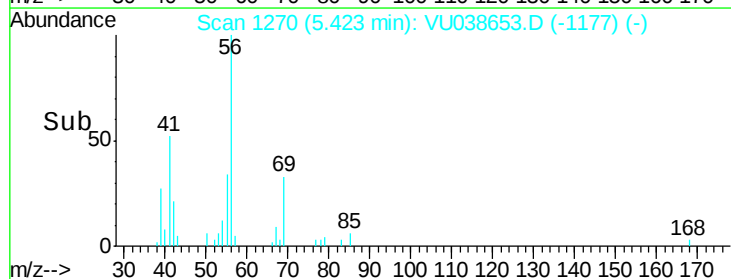
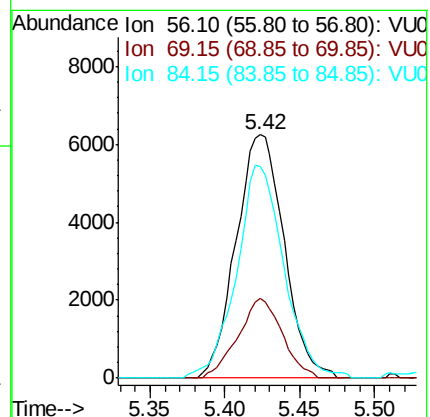
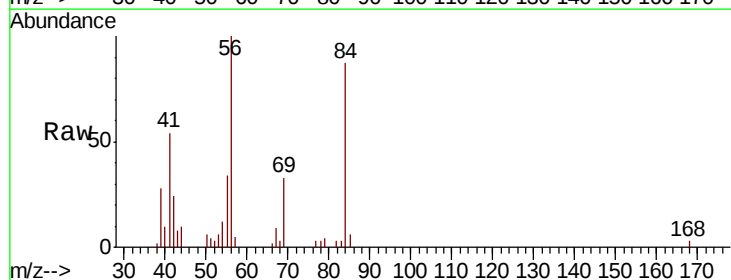
Tgt Ion: 56 Resp: 14002

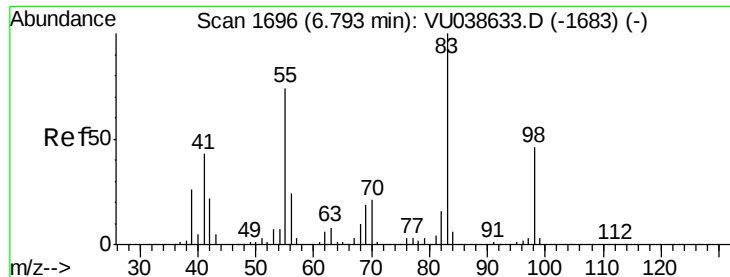
Ion Ratio Lower Upper

56 100

69 30.0 24.2 36.4

84 86.1 70.8 106.2

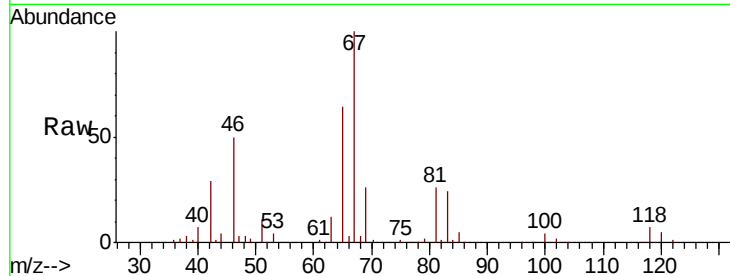




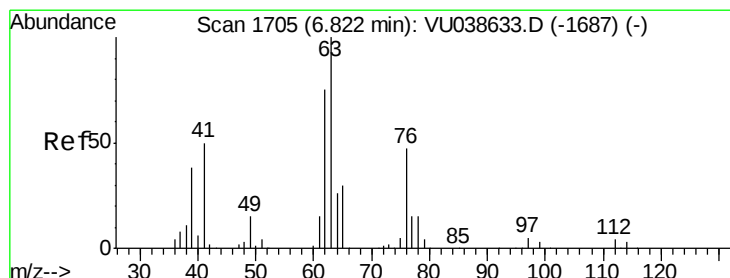
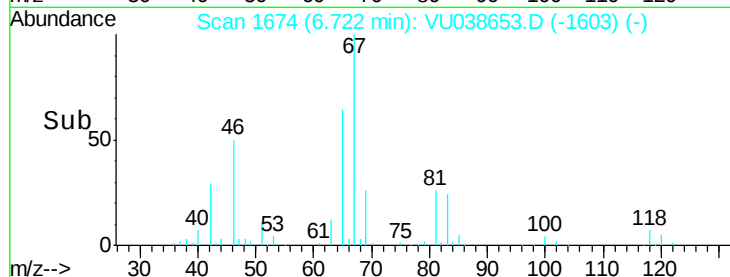
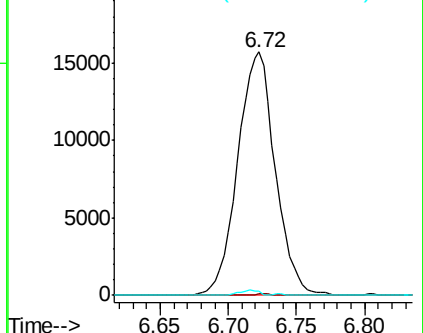
#35
Methvlcvclohexane
Concen: 0.857 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038653.D
Acq: 07 Jun 2020 06:20

Instrument :
MSVOA_U
ClientSampleId :
F9D47

Tot Ion: 83 Resp: 29948
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 1.1 39.0 58.4#

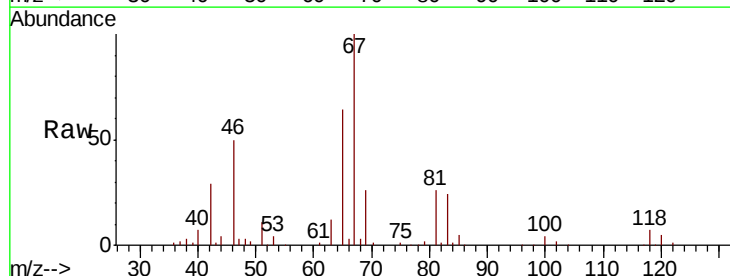


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

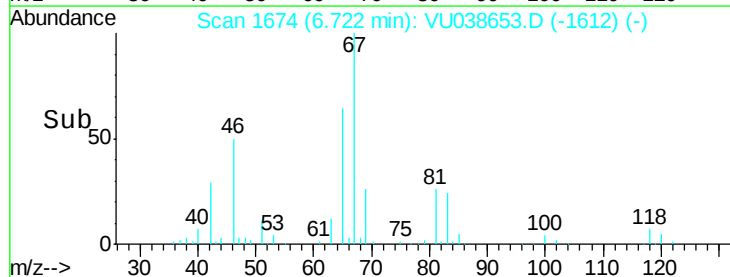
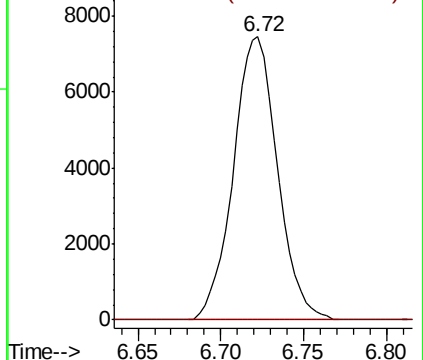


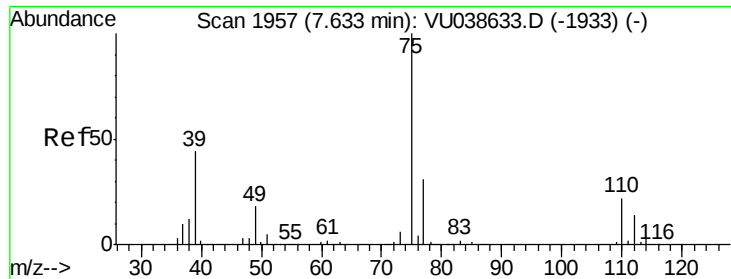
#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038653.D
Acq: 07 Jun 2020 06:20

Tgt Ion: 63 Resp: 13808
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

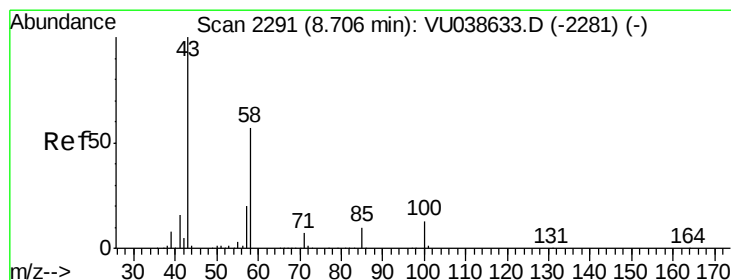
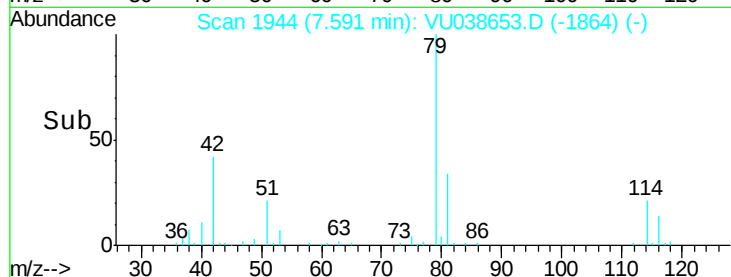
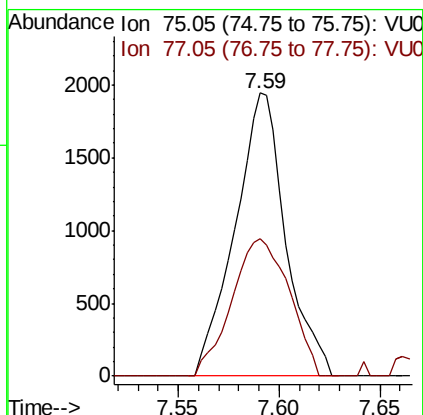
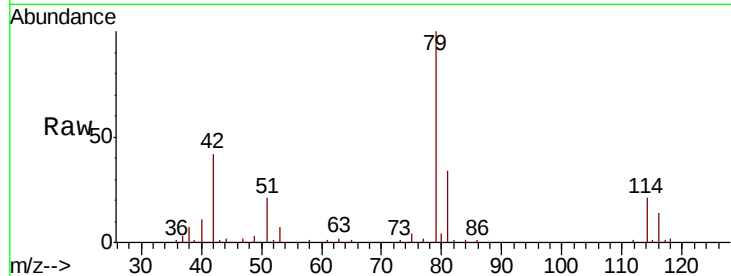




#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038653.D
 Acq: 07 Jun 2020 06:20

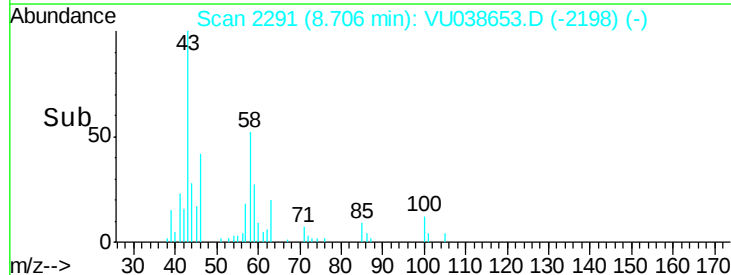
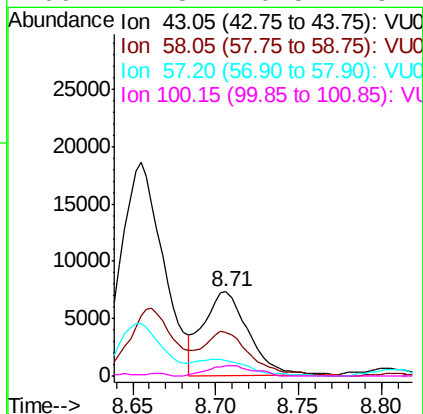
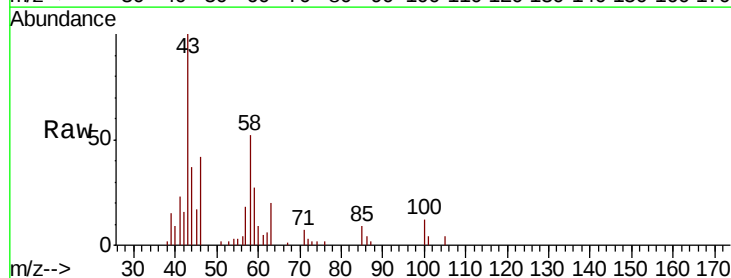
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D47

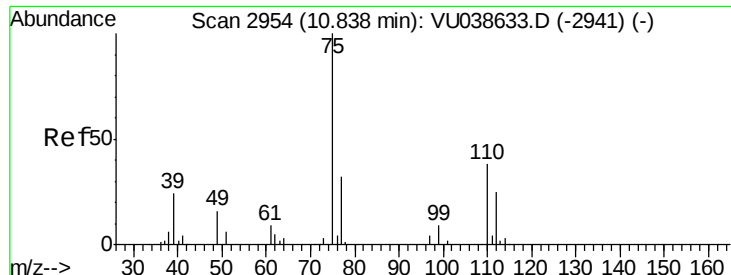
Tot Ion: 75 Resp: 3413
 Ion Ratio Lower Upper
 75 100
 77 48.7 21.9 40.7#



#48
 2-Hexanone
 Concen: 1.173 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038653.D
 Acq: 07 Jun 2020 06:20

Tgt Ion: 43 Resp: 13908
 Ion Ratio Lower Upper
 43 100
 58 53.4 45.4 68.0
 57 17.8 15.9 23.9
 100 12.3 10.5 15.7





#59

1,2,3-Trichloropropane

Concen: 1.173 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038653.D

Acq: 07 Jun 2020 06:20

Instrument :

MSVOA_U

ClientSampleId :

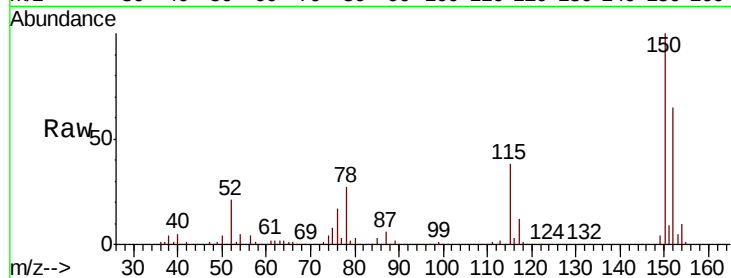
F9D47

Tot Ion: 75 Resp: 19157

Ion Ratio Lower Upper

75 100

77 37.2 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

