

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038650.D
 Acq On : 07 Jun 2020 05:11
 Operator : SY/MD
 Sample : L2911-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D42

Quant Time: Jun 08 03:03:50 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	336508	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	325855	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	157535	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90461	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.93	69	79244	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.59	63	143600	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.67	46	362849	54.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.68%
24) Chloroform-d	5.10	84	198932	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.74	65	116080	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.76	84	402837	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.72	67	127415	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.92	98	340936	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.20	79	45674	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.65	63	306107	57.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110210	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	141301	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

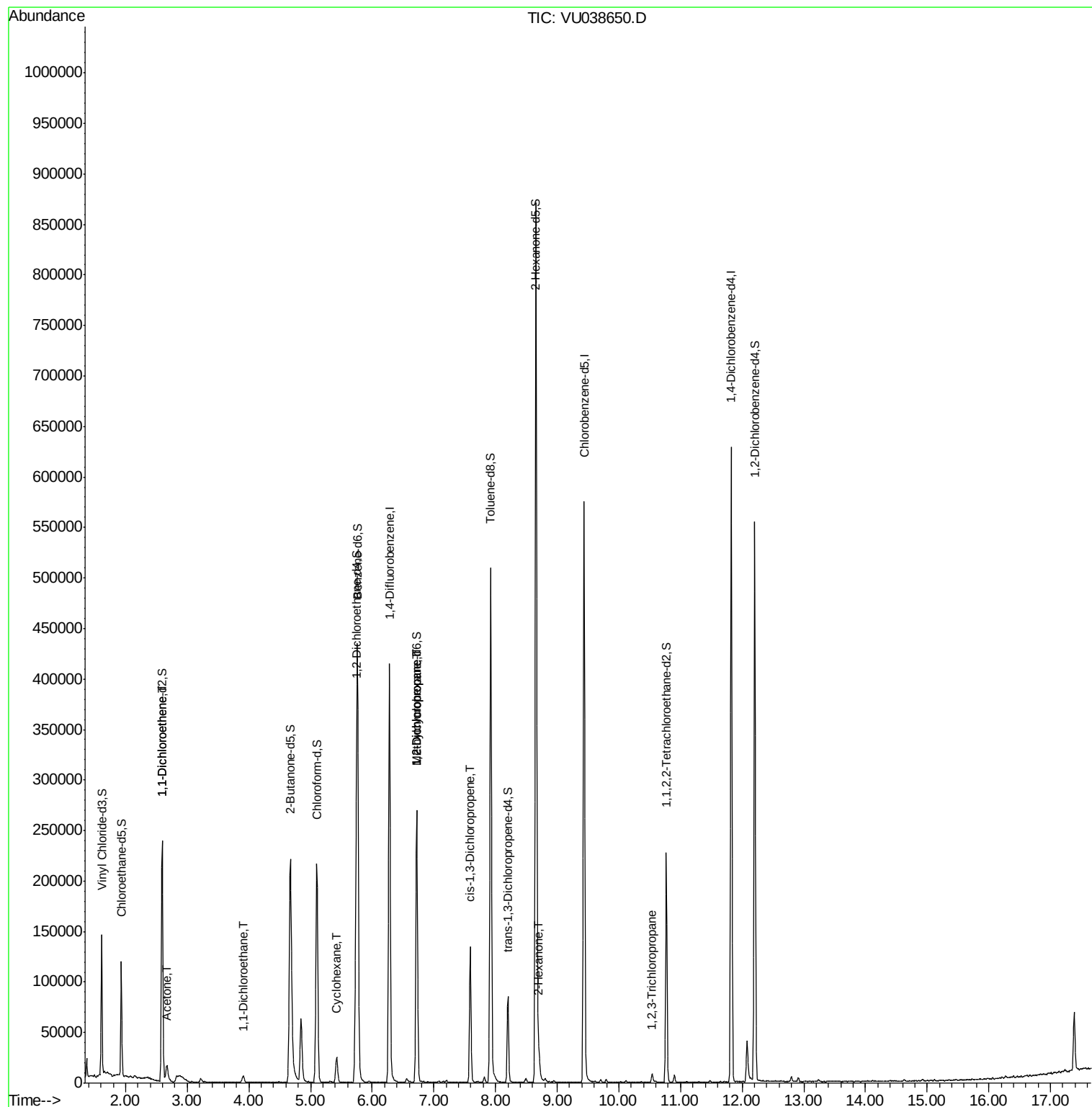
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	2110	0.102	ug/L #	1
13) Acetone	2.67	43	27063	6.250	ug/L	99
19) 1,1-Dichloroethane	3.92	63	6751	0.169	ug/L	99
30) Cyclohexane	5.42	56	12598	0.348	ug/L	97
35) Methylcyclohexane	6.72	83	30532	0.836	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13497	0.590	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2813	0.083	ug/L #	63
48) 2-Hexanone	8.71	43	11665	0.942	ug/L #	92
59) 1,2,3-Trichloropropane	10.54	75	5723	0.335	ug/L #	43

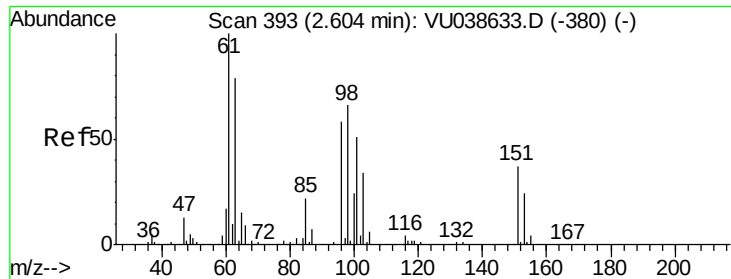
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 08 02:53:04 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.102 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038650.D

Acq: 07 Jun 2020 05:11

Instrument :

MSVOA_U

ClientSampleId :

F9D42

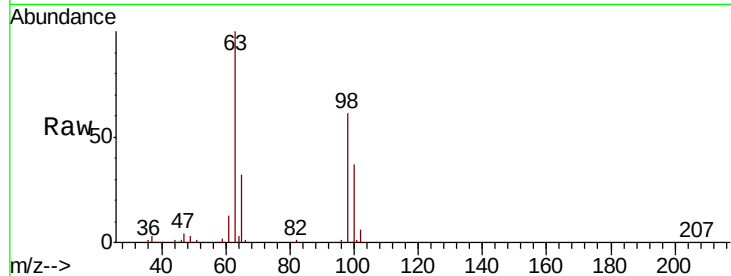
Tot Ion: 96 Resp: 2110

Ion Ratio Lower Upper

96 100

61 853.0 119.9 222.7#

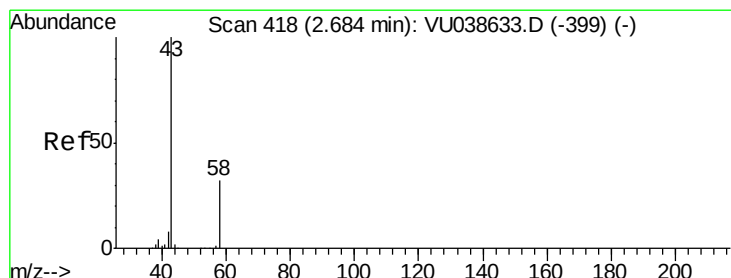
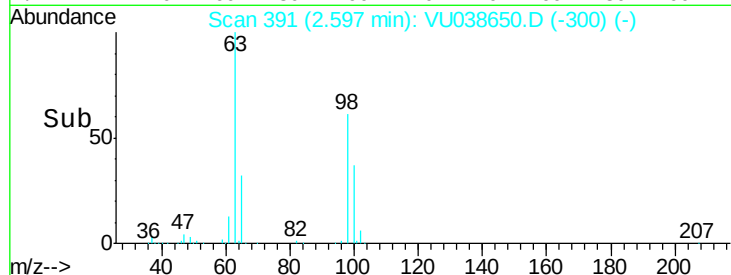
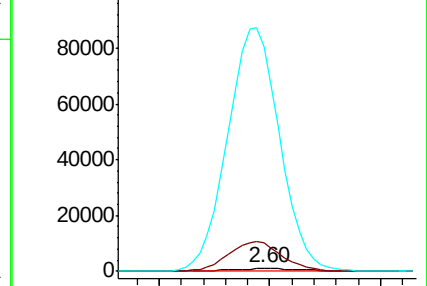
63 6805.4 89.9 167.0#



Abundance Ion 96.00 (95.70 to 96.70): VU038650.D (-300) (-)

Ion 61.05 (60.75 to 61.75): VU038650.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU038650.D (-300) (-)



#13

Acetone

Concen: 6.250 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU038650.D

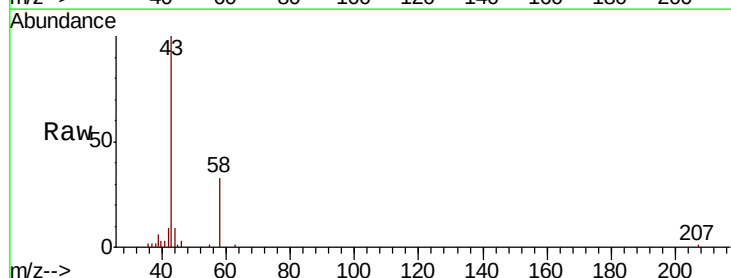
Acq: 07 Jun 2020 05:11

Tgt Ion: 43 Resp: 27063

Ion Ratio Lower Upper

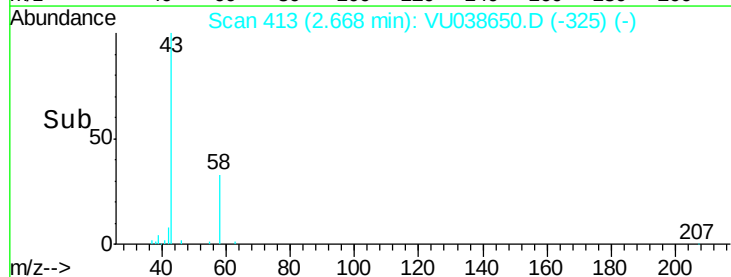
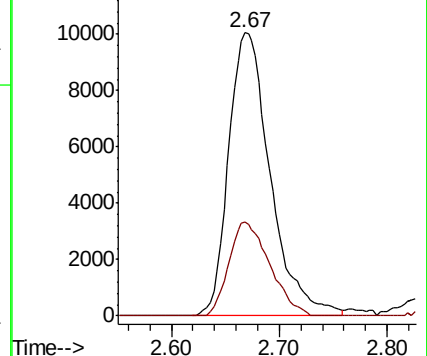
43 100

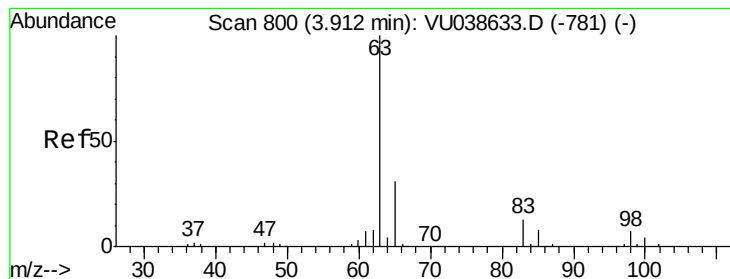
58 32.4 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038650.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU038650.D (-325) (-)





#19

1,1-Dichloroethane

Concen: 0.169 ug/L

RT: 3.92 min Scan# 801

Delta R.T. 0.00 min

Lab File: VU038650.D

Acq: 07 Jun 2020 05:11

Instrument :

MSVOA_U

ClientSampleId :

F9D42

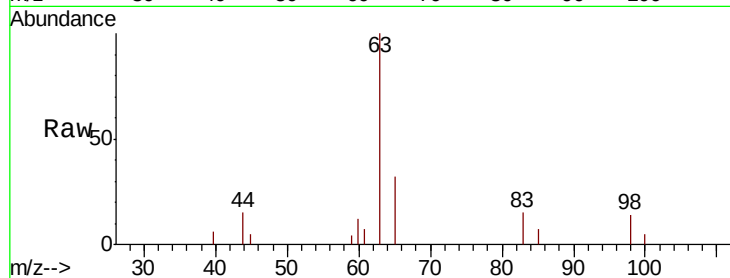
Tot Ion: 63 Resp: 6751

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.5

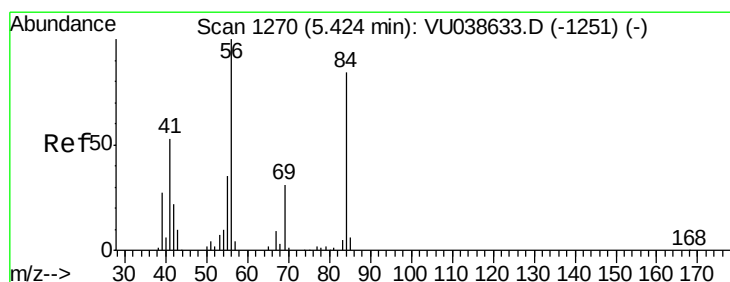
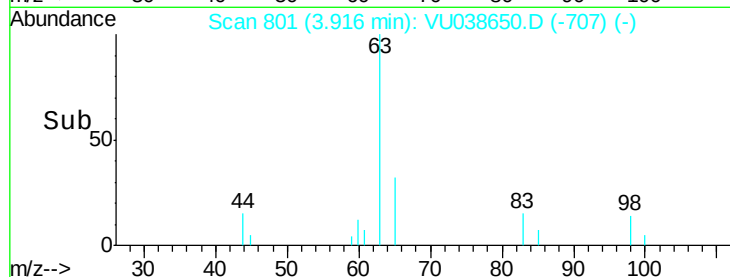
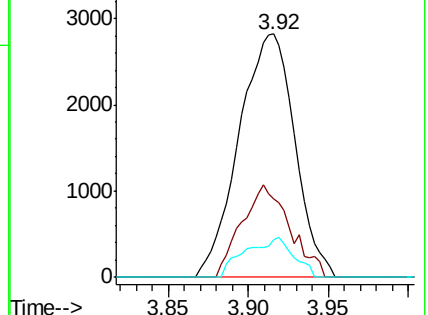
83 15.5 10.4 19.4



Abundance Ion 63.10 (62.80 to 63.80): VU038650.D (-707) (-)

Ion 65.10 (64.80 to 65.80): VU038650.D (-707) (-)

Ion 83.05 (82.75 to 83.75): VU038650.D (-707) (-)



#30

Cyclohexane

Concen: 0.348 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU038650.D

Acq: 07 Jun 2020 05:11

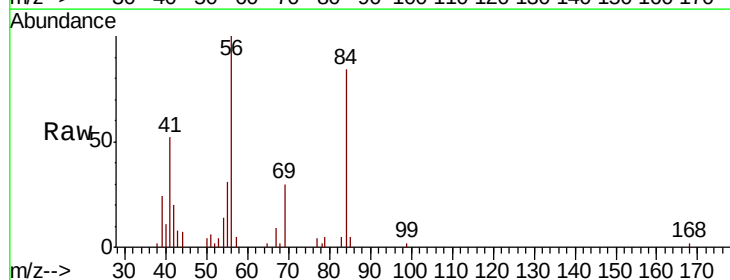
Tgt Ion: 56 Resp: 12598

Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.4

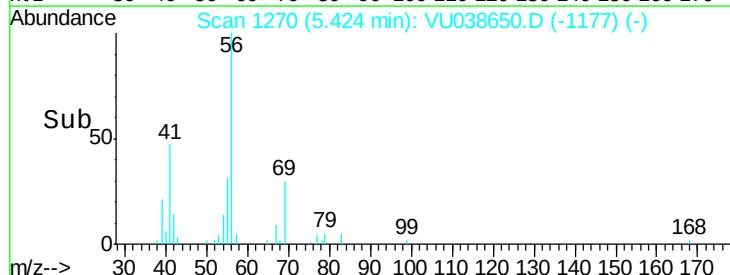
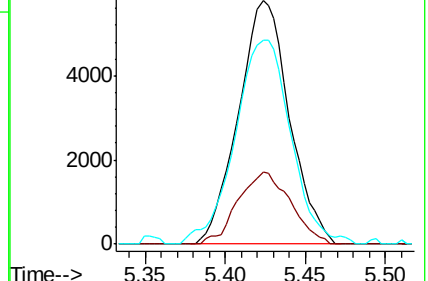
84 91.7 70.8 106.2

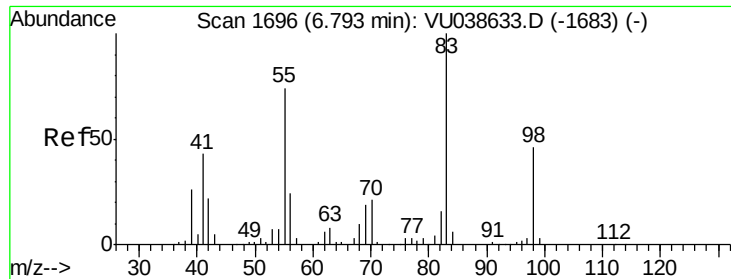


Abundance Ion 56.10 (55.80 to 56.80): VU038650.D (-1177) (-)

Ion 69.15 (68.85 to 69.85): VU038650.D (-1177) (-)

Ion 84.15 (83.85 to 84.85): VU038650.D (-1177) (-)

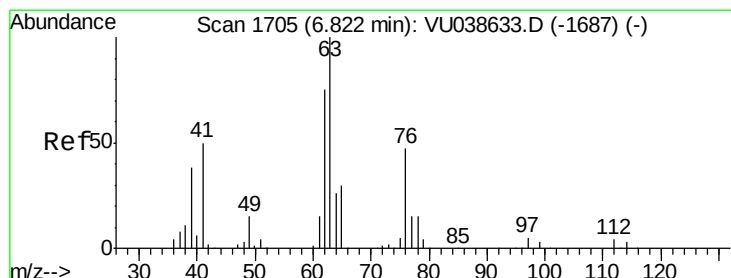
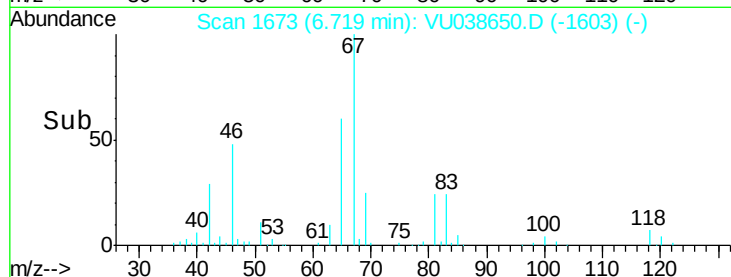
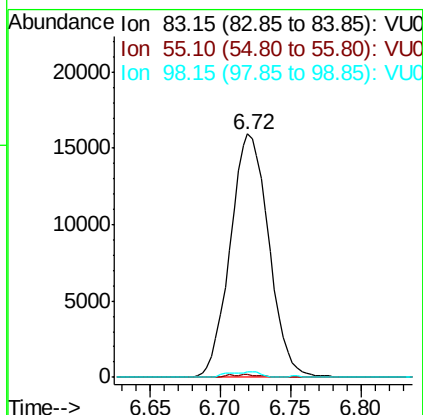
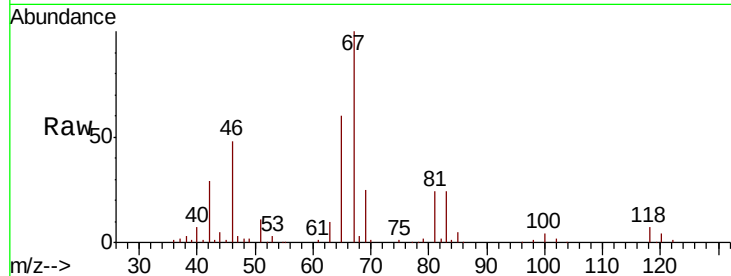




#35
Methylvlcyclohexane
Concen: 0.836 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038650.D
Acq: 07 Jun 2020 05:11

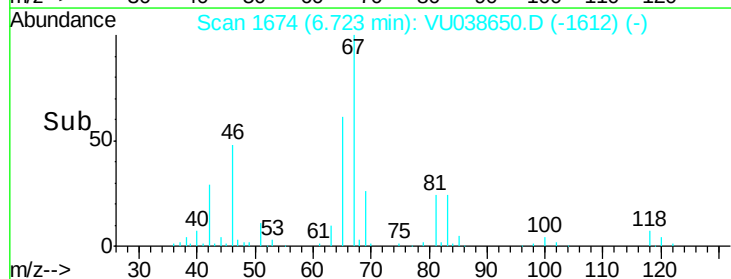
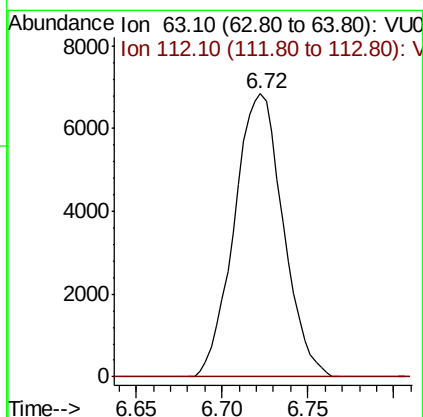
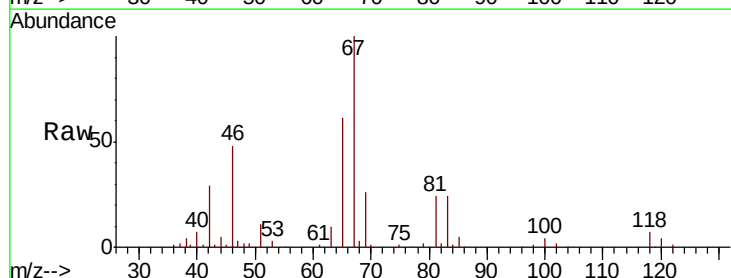
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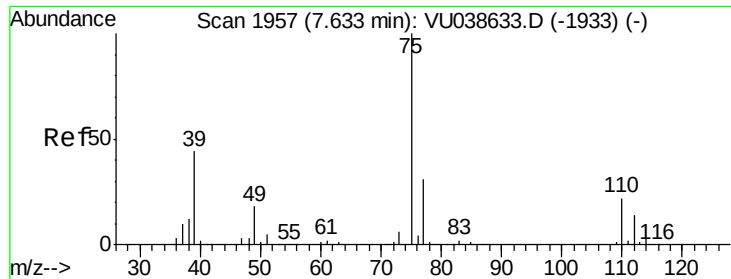
Tot Ion: 83 Resp: 30532
Ion Ratio Lower Upper
83 100
55 0.9 63.4 95.2#
98 1.9 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.590 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038650.D
Acq: 07 Jun 2020 05:11

Tgt Ion: 63 Resp: 13497
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



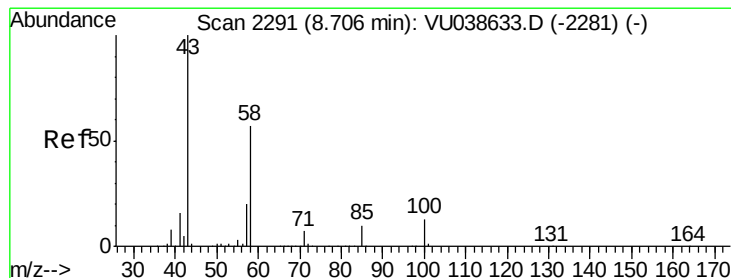
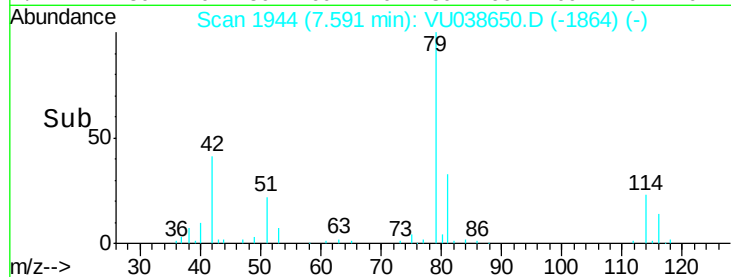
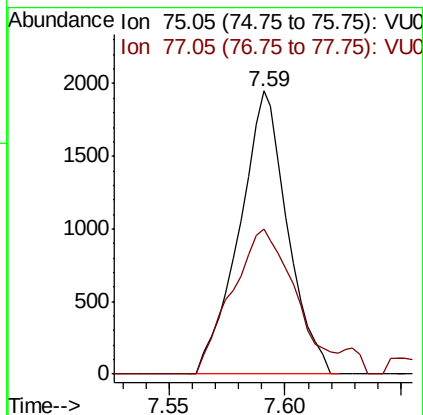
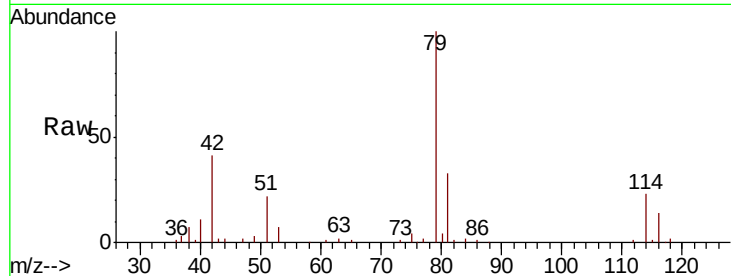


#39

cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038650.D
 Acq: 07 Jun 2020 05:11

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D42

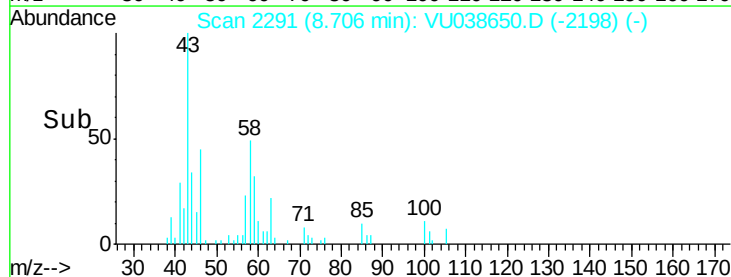
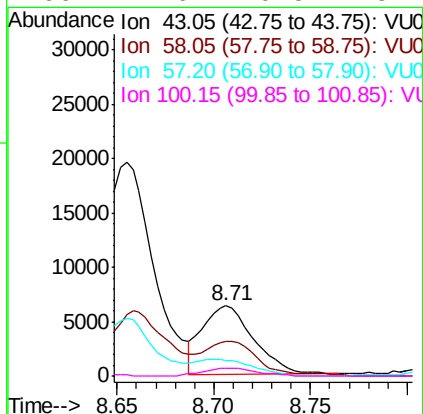
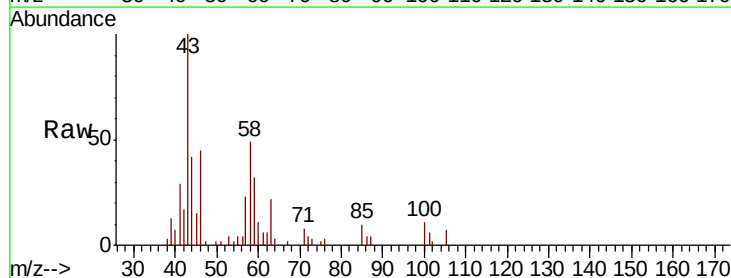
Tot Ion: 75 Resp: 2813
 Ion Ratio Lower Upper
 75 100
 77 51.5 21.9 40.7#

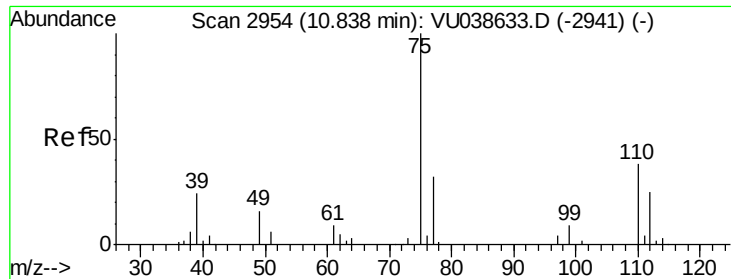


#48

2-Hexanone
 Concen: 0.942 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038650.D
 Acq: 07 Jun 2020 05:11

Tgt Ion: 43 Resp: 11665
 Ion Ratio Lower Upper
 43 100
 58 52.1 45.4 68.0
 57 26.5 15.9 23.9#
 100 11.6 10.5 15.7





#59

1,2,3-Trichloropropane

Concen: 0.335 ug/L

RT: 10.54 min Scan# 2861

Delta R.T. -0.30 min

Lab File: VU038650.D

Acq: 07 Jun 2020 05:11

Instrument :

MSVOA_U

ClientSampleId :

F9D42

Tot Ion: 75 Resp: 5723

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#

