

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038649.D
 Acq On : 07 Jun 2020 04:48
 Operator : SY/MD
 Sample : L2911-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D41

Quant Time: Jun 08 03:03:41 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	317746	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	314704	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	152299	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93172	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.93	69	79268	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.59	63	144700	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.67	46	361035	57.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.58%
24) Chloroform-d	5.10	84	201248	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.74	65	118313	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.76	84	399595	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.72	67	125952	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.92	98	340504	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.20	79	48103	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.66	63	309392	60.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	113253	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	141000	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

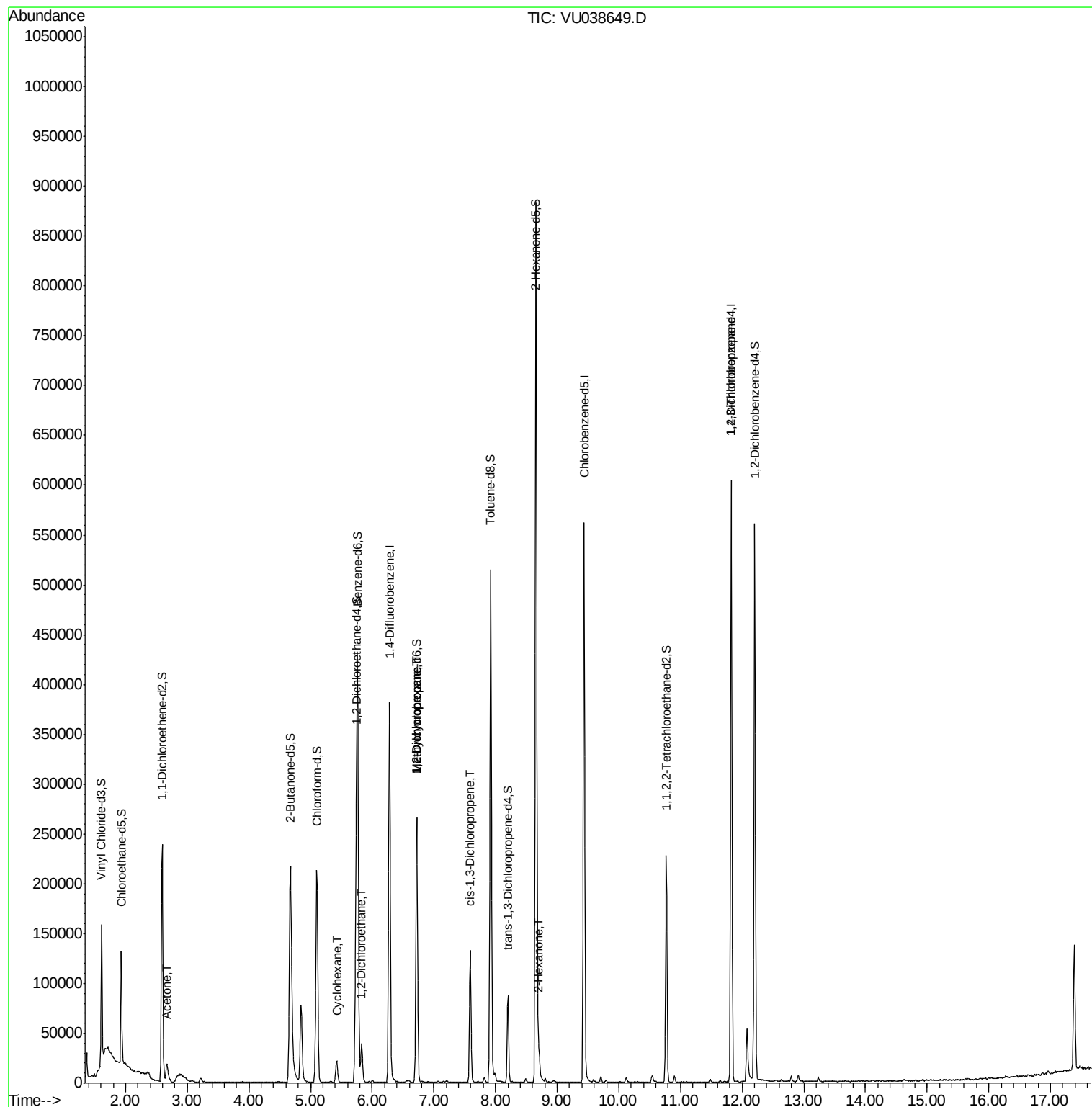
					Ovalue
13) Acetone	2.67	43	29223	7.148	ug/L 98
27) 1,2-Dichloroethane	5.83	62	29553	1.095	ug/L 98
30) Cyclohexane	5.42	56	11113	0.318	ug/L 99
35) Methylcyclohexane	6.72	83	29286	0.830	ug/L # 18
37) 1,2-Dichloropropane	6.72	63	13622	0.617	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	3140	0.096	ug/L # 51
48) 2-Hexanone	8.70	43	11720	0.980	ug/L # 87
59) 1,2,3-Trichloropropane	11.82	75	19582	1.188	ug/L 91

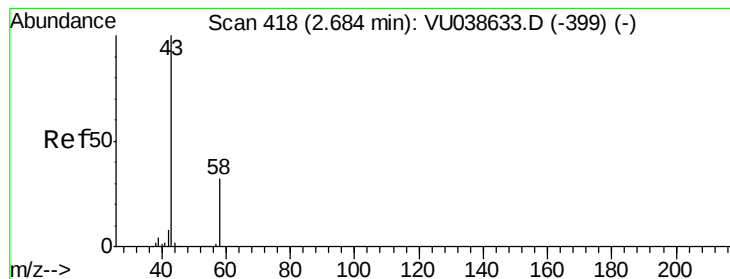
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.148 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU038649.D

Acq: 07 Jun 2020 04:48

Instrument :

MSVOA_U

ClientSampleId :

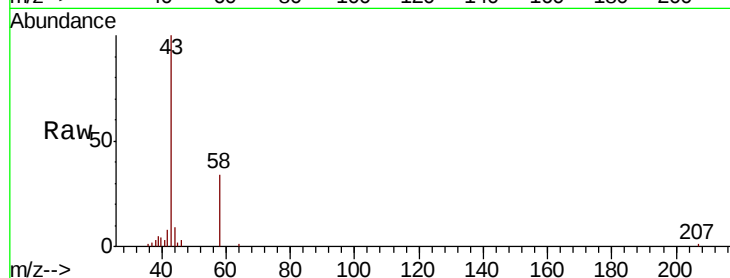
F9D41

Tot Ion: 43 Resp: 29223

Ion Ratio Lower Upper

43 100

58 31.8 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038633.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038633.D (-399) (-)

2.67

12000

10000

8000

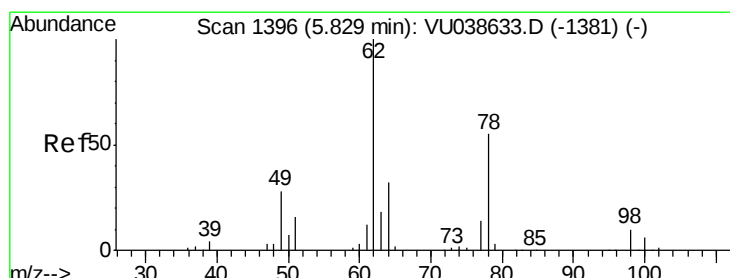
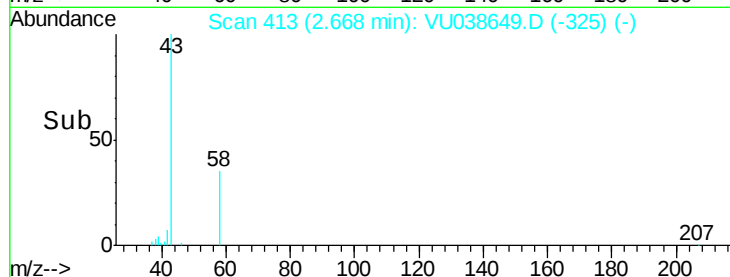
6000

4000

2000

0

Time-->



#27

1,2-Dichloroethane

Concen: 1.095 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU038649.D

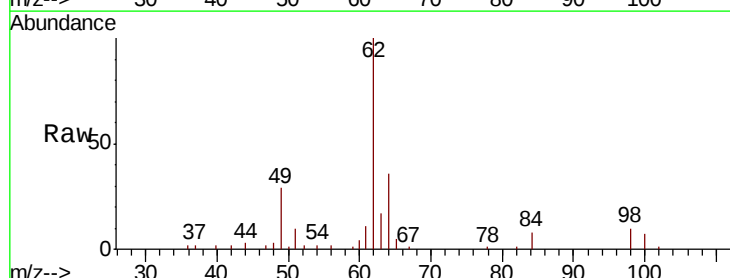
Acq: 07 Jun 2020 04:48

Tgt Ion: 62 Resp: 29553

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038633.D (-1381) (-)

Ion 98.05 (97.75 to 98.75): VU038633.D (-1381) (-)

5.83

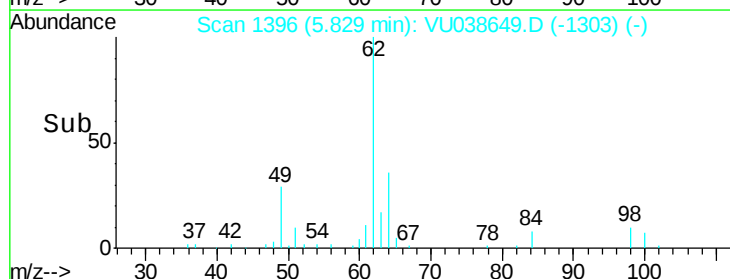
15000

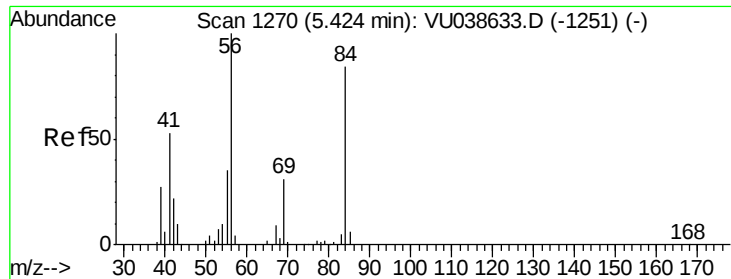
10000

5000

0

Time-->

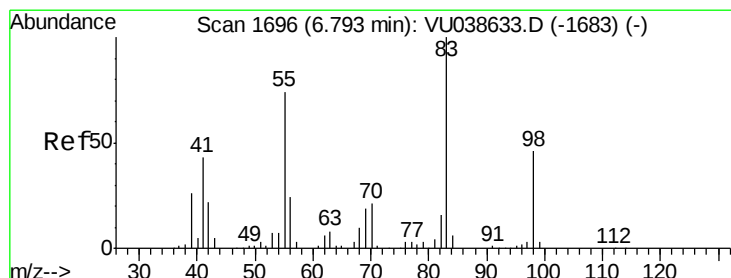
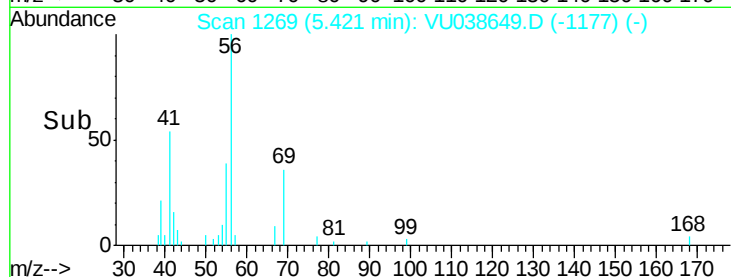
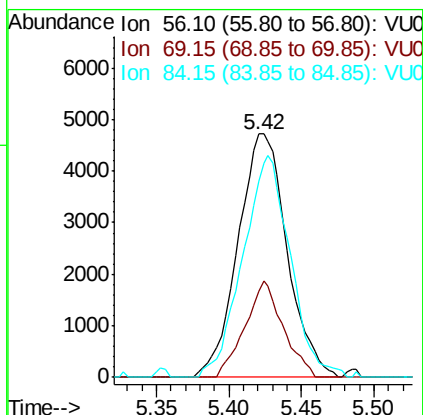
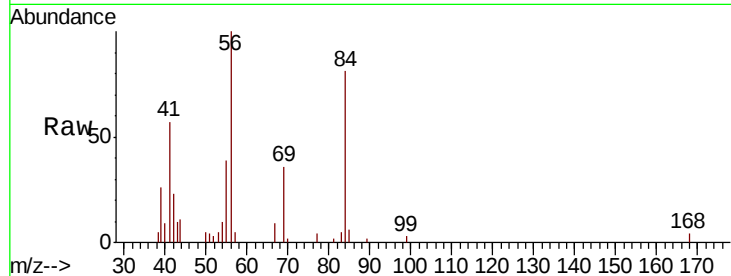




#30
Cyclohexane
Concen: 0.318 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038649.D
Acq: 07 Jun 2020 04:48

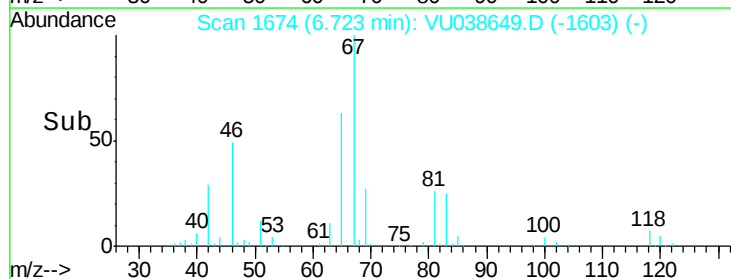
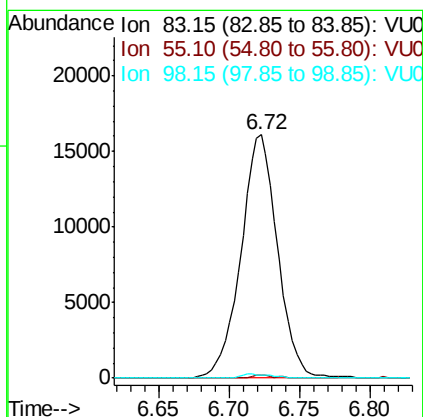
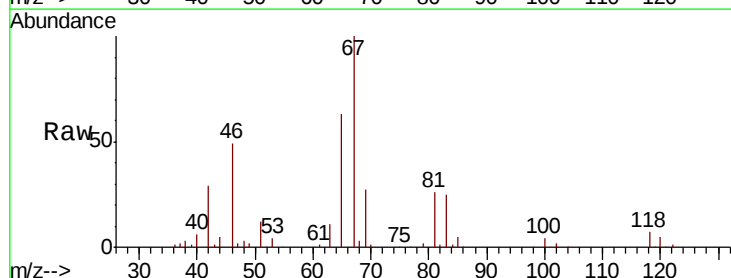
Instrument :
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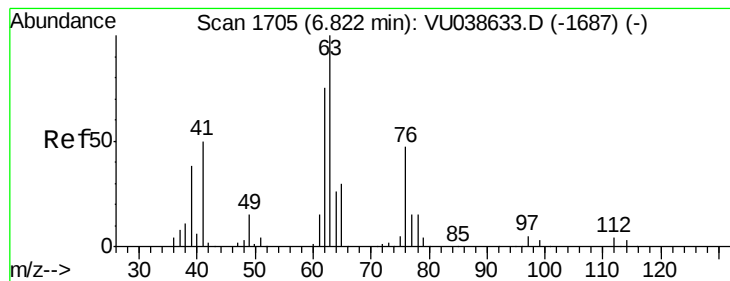
Tot Ion: 56 Resp: 11113
Ion Ratio Lower Upper
56 100
69 30.6 24.2 36.4
84 88.0 70.8 106.2



#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038649.D
Acq: 07 Jun 2020 04:48

Tgt Ion: 83 Resp: 29286
Ion Ratio Lower Upper
83 100
55 0.6 63.4 95.2#
98 1.3 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.617 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038649.D

Acq: 07 Jun 2020 04:48

Instrument :

MSVOA_U

ClientSampleId :

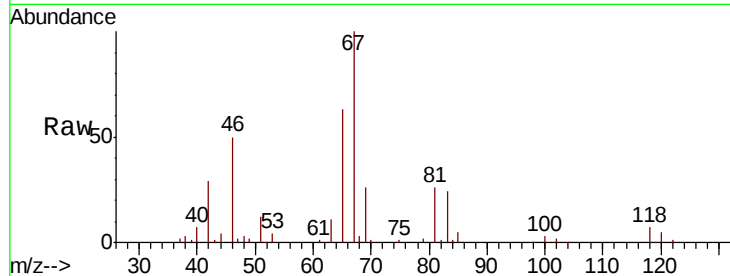
F9D41

Tot Ion: 63 Resp: 13622

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU038633.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU038633.D (-1687) (-)

6.72

8000

6000

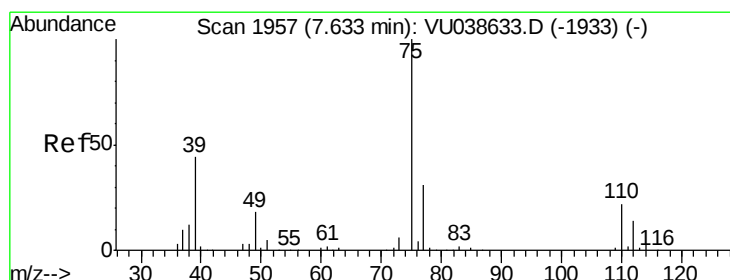
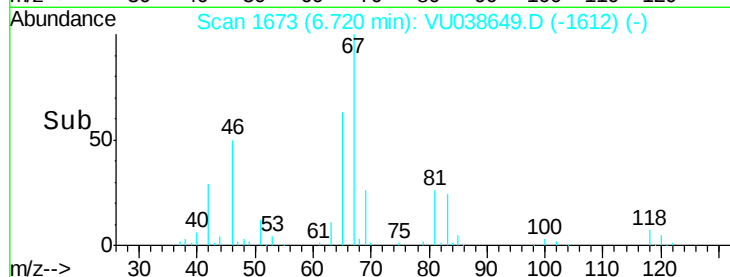
4000

2000

0

Time-->

6.65 6.70 6.75



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.04 min

Lab File: VU038649.D

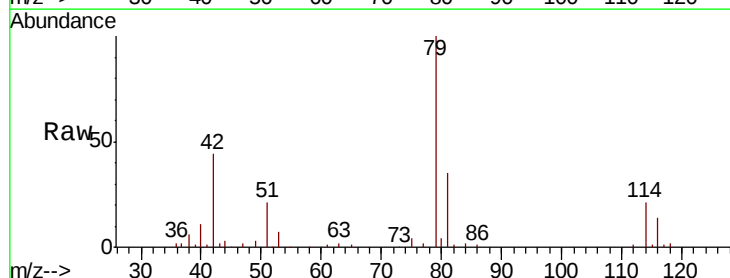
Acq: 07 Jun 2020 04:48

Tgt Ion: 75 Resp: 3140

Ion Ratio Lower Upper

75 100

77 58.6 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038633.D (-1933) (-)

Ion 77.05 (76.75 to 77.75): VU038633.D (-1933) (-)

7.59

2000

1500

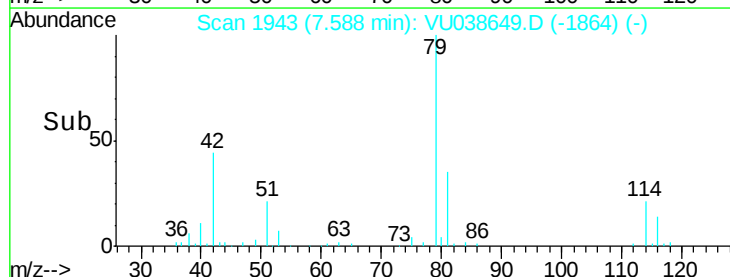
1000

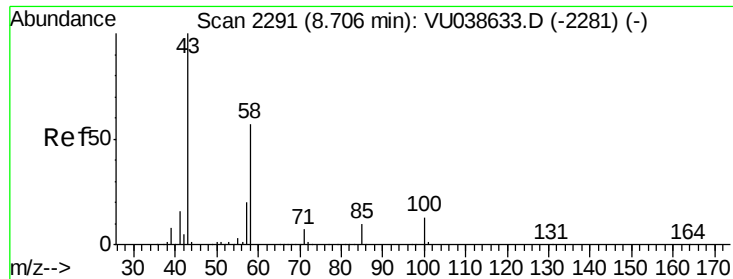
500

0

Time-->

7.55 7.60

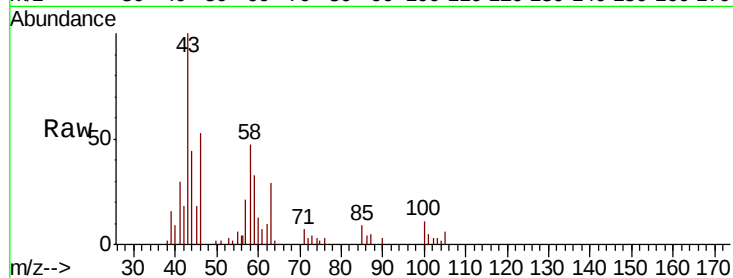




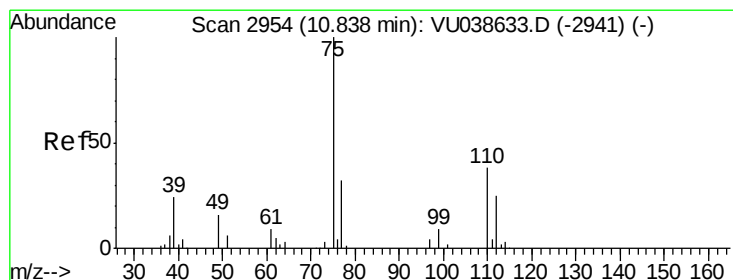
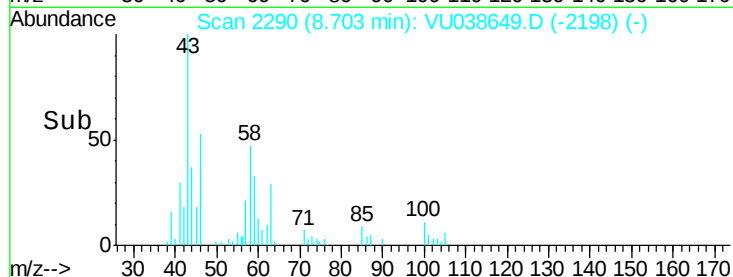
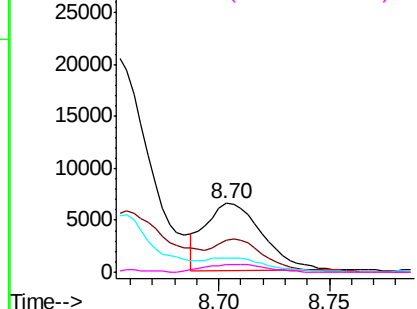
#48
2-Hexanone
Concen: 0.980 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU038649.D
Acq: 07 Jun 2020 04:48

Instrument :
MSVOA_U
ClientSampleId :
F9D41

Tot Ion: 43 Resp: 11720
Ion Ratio Lower Upper
43 100
58 44.1 45.4 68.0#
57 23.3 15.9 23.9
100 12.6 10.5 15.7

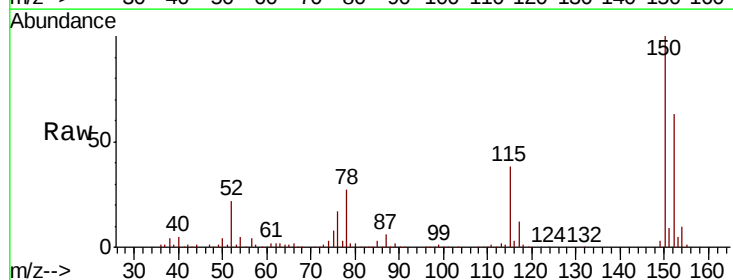


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 1.188 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038649.D
Acq: 07 Jun 2020 04:48

Tgt Ion: 75 Resp: 19582
Ion Ratio Lower Upper
75 100
77 36.9 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

