

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\
 Data File : VU037162.D
 Acq On : 11 Mar 2020 13:23
 Operator : JC/MD
 Sample : L1883-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CON83

Quant Time: Mar 12 01:57:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 12 01:55:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	144579	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	143830	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	61102	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36319	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.93	69	30392	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.59	63	60497	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.69	46	103771	42.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.46%
24) Chloroform-d	5.11	84	80309	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.74	65	46763	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.76	84	145315	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.72	67	47068	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.93	98	129224	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.21	79	18291	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.67	63	74848	38.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.90%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	36643	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	46328	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

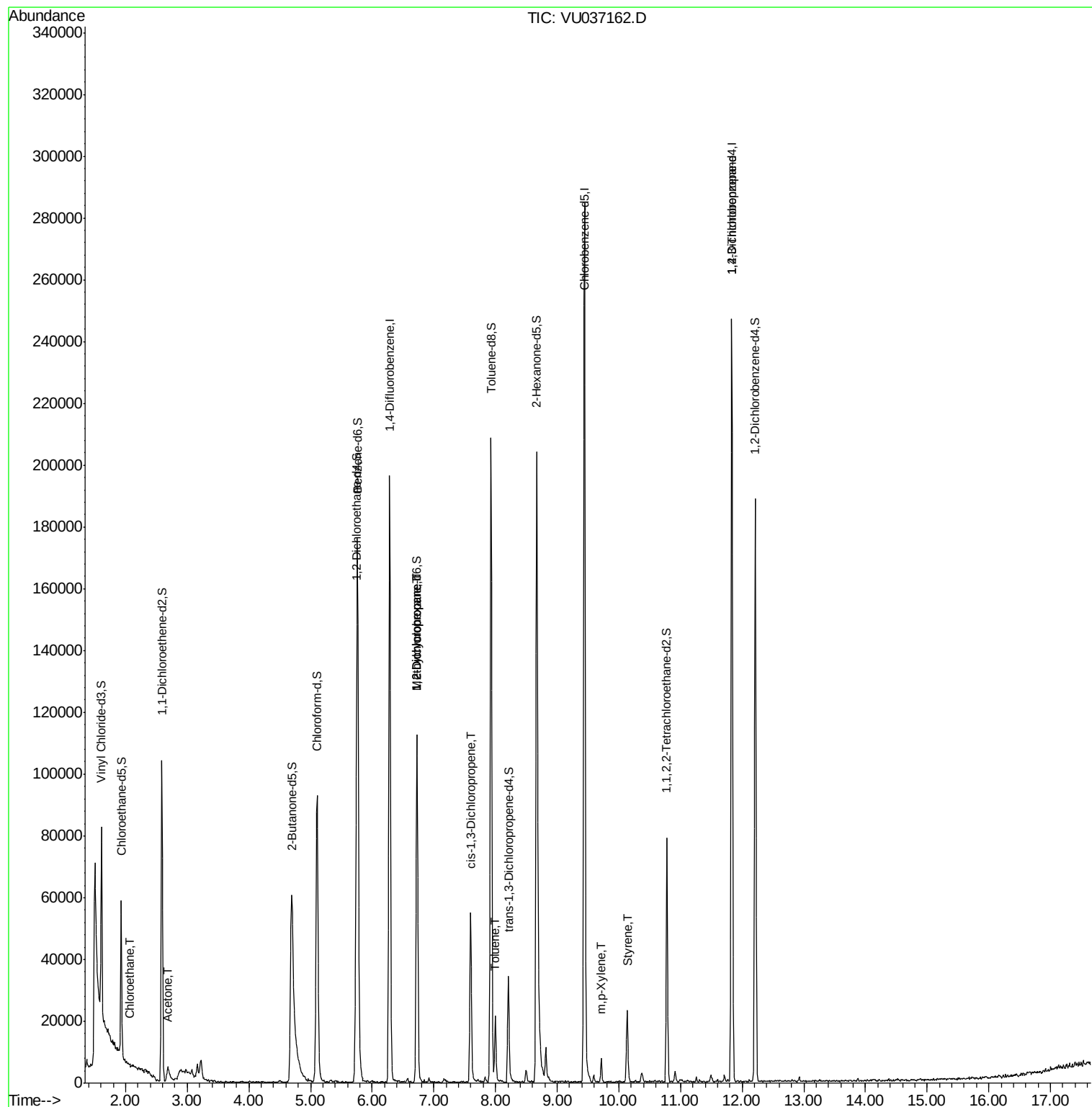
					Ovalue
8) Chloroethane	2.07	64	555	0.076 ug/L #	52
13) Acetone	2.68	43	7219	3.628 ug/L	77
35) Methylcyclohexane	6.73	83	10817	0.609 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	6371	0.569 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1756	0.109 ug/L	100
42) Toluene	8.00	91	13416	0.294 ug/L	90
53) m,p-Xylene	9.72	106	1914	0.105 ug/L	99
55) Styrene	10.14	104	10514	0.362 ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	8596	1.074 ug/L	88

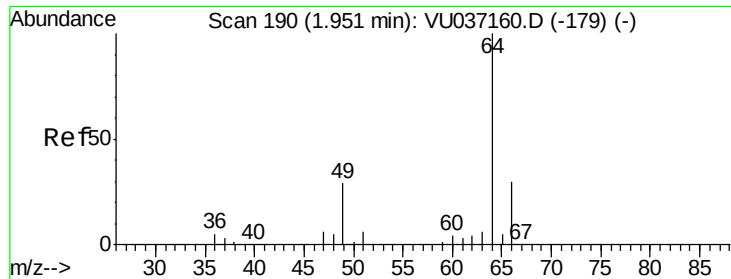
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.076 ug/L

RT: 2.07 min Scan# 228

Delta R.T. 0.12 min

Lab File: VU037162.D

Acq: 11 Mar 2020 13:23

Instrument :

MSVOA_U

ClientSampleId :

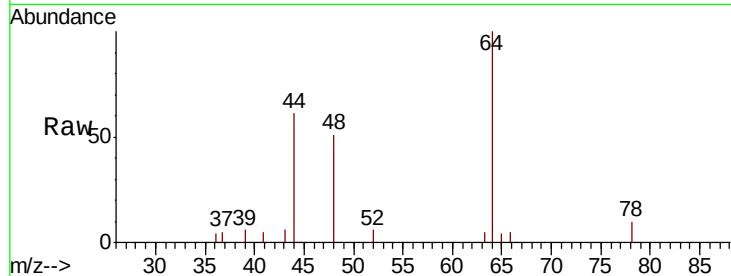
CON83

Tot Ion: 64 Resp: 555

Ion Ratio Lower Upper

64 100

66 4.8 22.0 40.8#



Abundance Ion 64.10 (63.80 to 64.80): VU037162.D (-179) (-)

Ion 66.05 (65.75 to 66.75): VU037162.D (-179) (-)

2.07

2500

2000

1500

1000

500

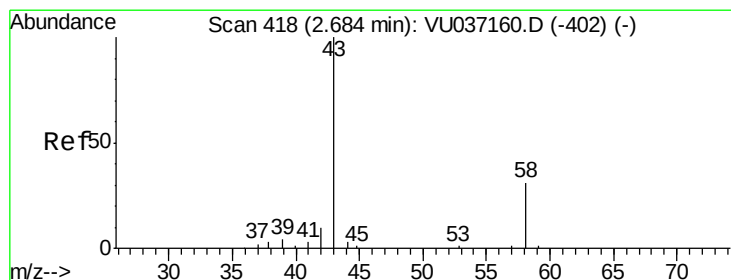
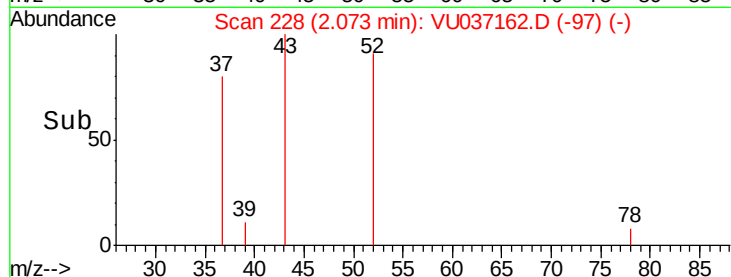
0

2.06

2.08

2.10

Time-->



#13

Acetone

Concen: 3.628 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU037162.D

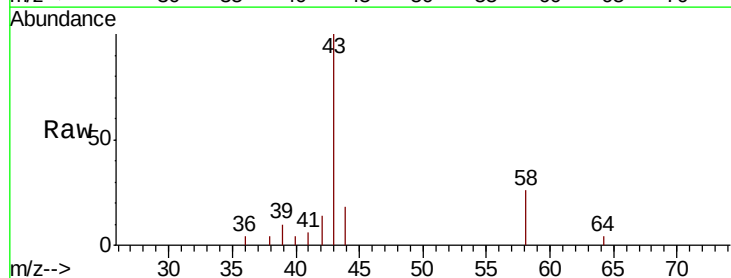
Acq: 11 Mar 2020 13:23

Tgt Ion: 43 Resp: 7219

Ion Ratio Lower Upper

43 100

58 14.5 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037162.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU037162.D (-402) (-)

2.68

3000

2000

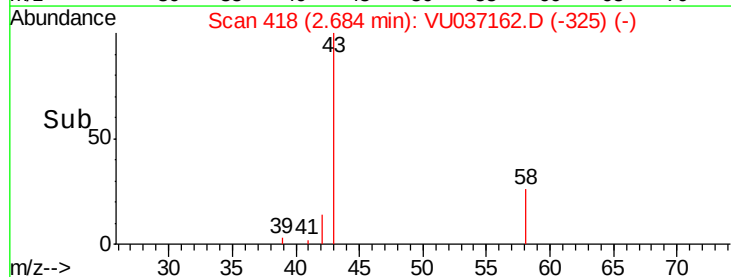
1000

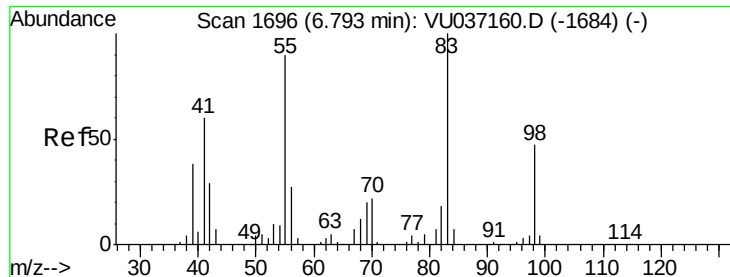
0

2.65

2.70

Time-->

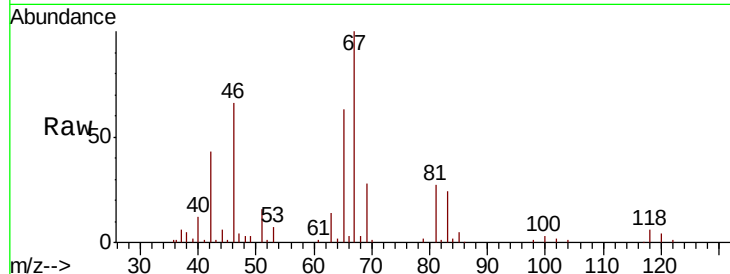




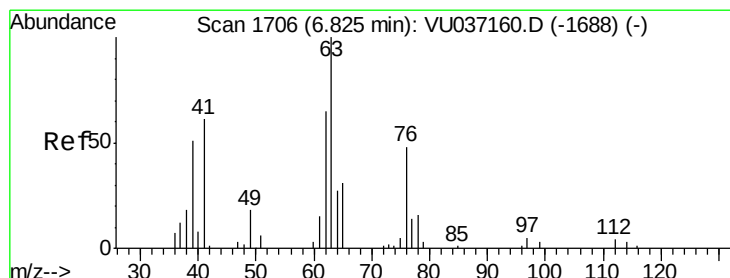
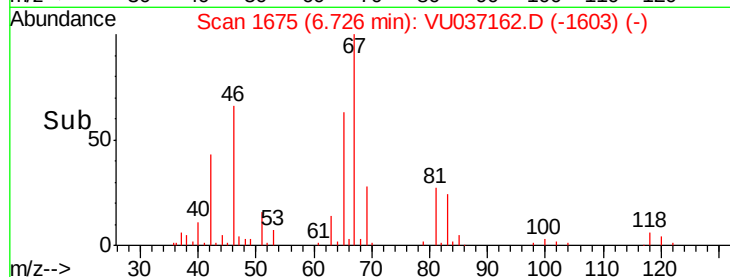
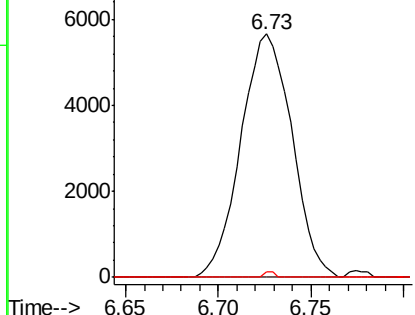
#35
Methylvlcyclohexane
Concen: 0.609 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037162.D
Acq: 11 Mar 2020 13:23

Instrument :
MSVOA_U
ClientSampleId :
CON83

Tot Ion: 83 Resp: 10817
Ion Ratio Lower Upper
83 100
55 0.6 68.1 102.1#
98 0.5 37.0 55.4#

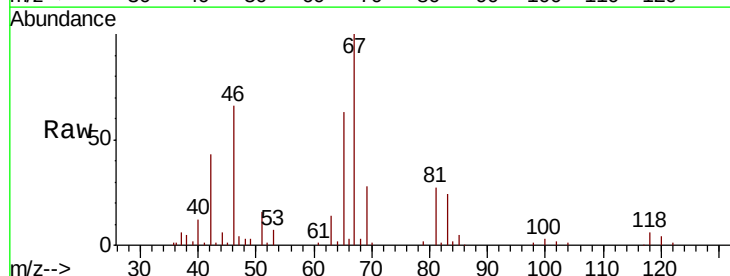


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

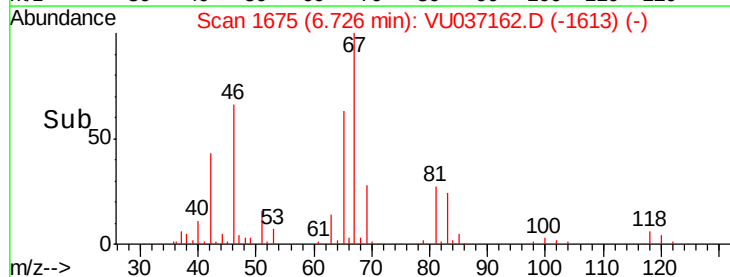
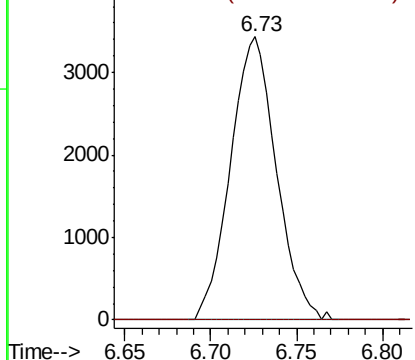


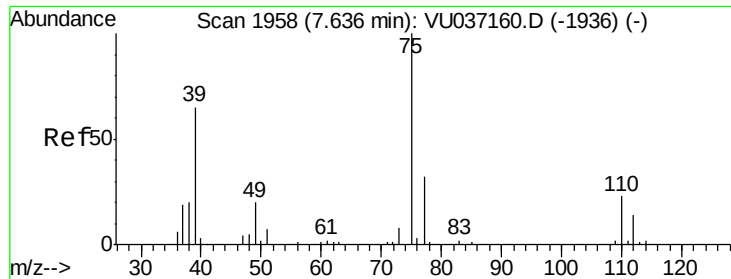
#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037162.D
Acq: 11 Mar 2020 13:23

Tgt Ion: 63 Resp: 6371
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

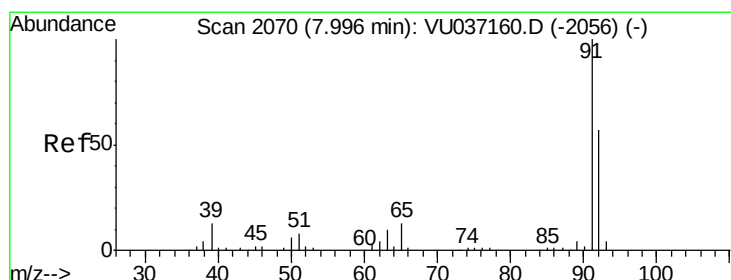
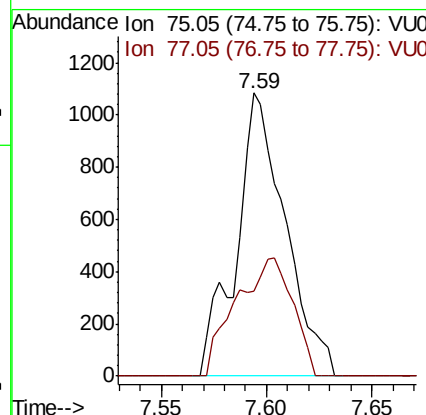
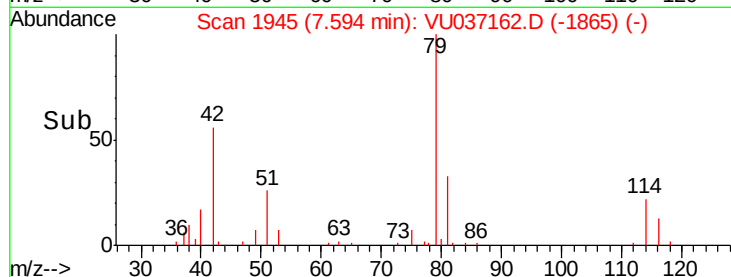
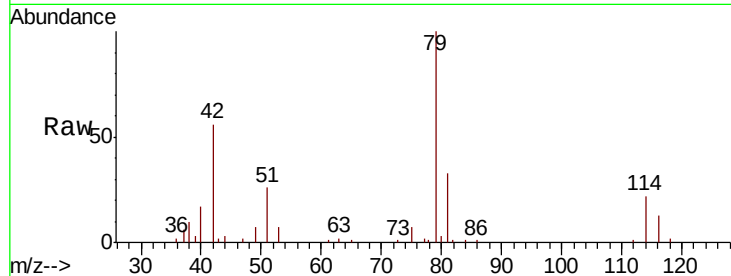




#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037162.D
 Acq: 11 Mar 2020 13:23

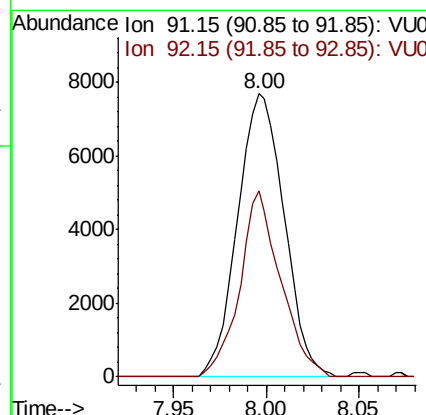
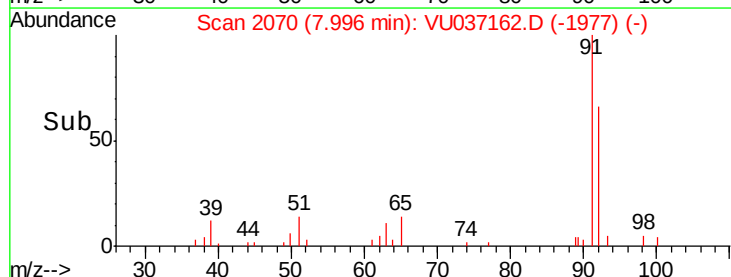
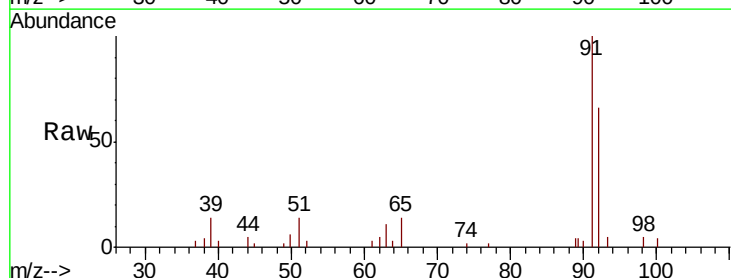
Instrument :
 MSVOA_U
 ClientSampleId :
 CON83

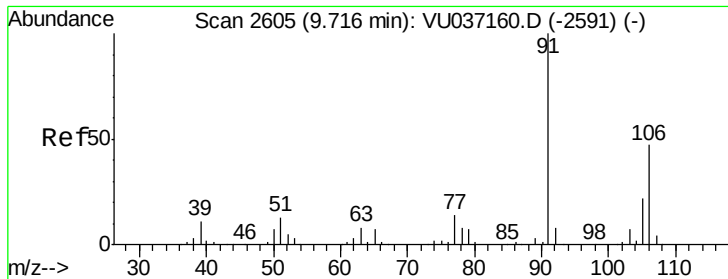
Tot Ion: 75 Resp: 1756
 Ion Ratio Lower Upper
 75 100
 77 30.2 21.1 39.1



#42
 Toluene
 Concen: 0.294 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VU037162.D
 Acq: 11 Mar 2020 13:23

Tgt Ion: 91 Resp: 13416
 Ion Ratio Lower Upper
 91 100
 92 65.7 41.0 76.2





#53

m,p-Xylene

Concen: 0.105 ug/L

RT: 9.72 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VU037162.D

Acq: 11 Mar 2020 13:23

Instrument :

MSVOA_U

ClientSampled :

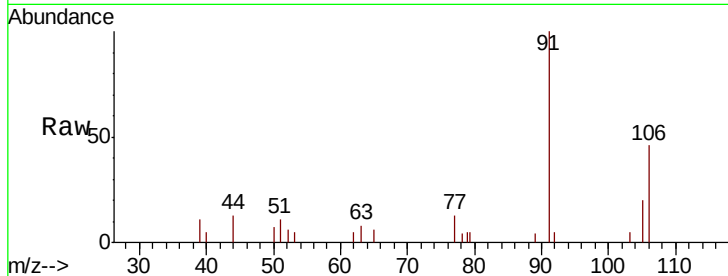
CON83

Tot Ion:106 Resp: 1914

Ion Ratio Lower Upper

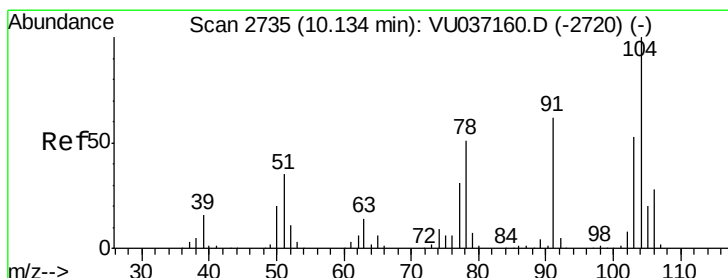
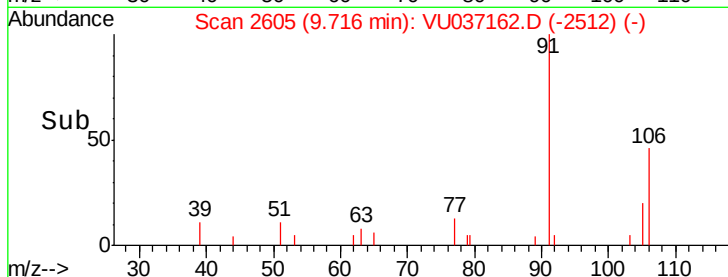
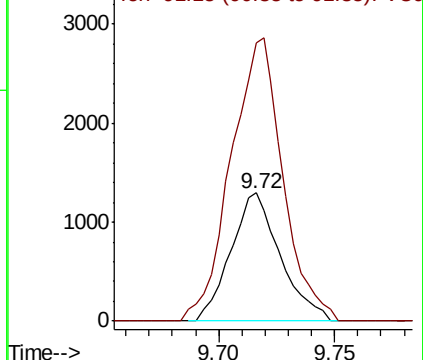
106 100

91 217.0 150.4 279.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.362 ug/L

RT: 10.14 min Scan# 2736

Delta R.T. 0.00 min

Lab File: VU037162.D

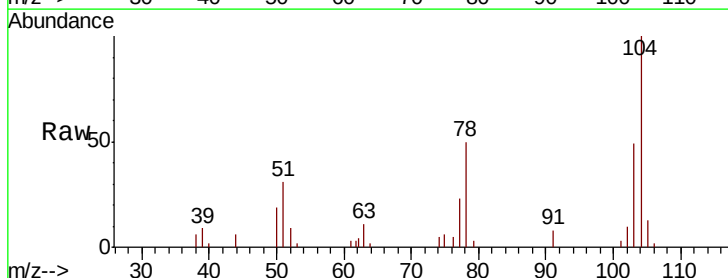
Acq: 11 Mar 2020 13:23

Tgt Ion:104 Resp: 10514

Ion Ratio Lower Upper

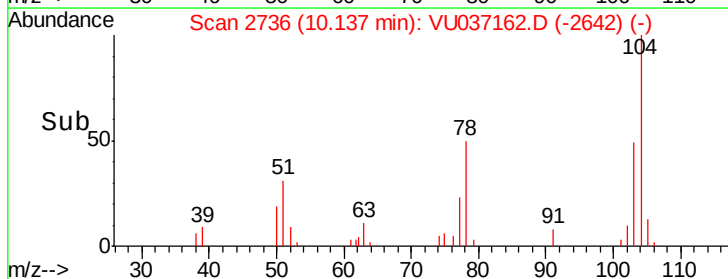
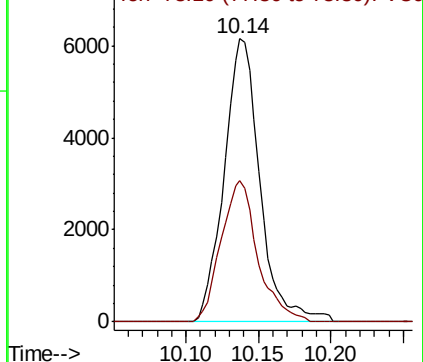
104 100

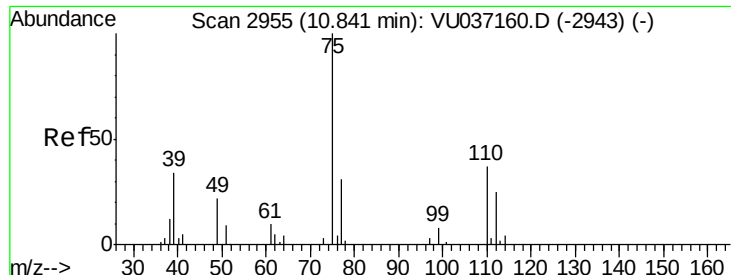
78 50.0 36.2 67.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0





#59

1,2,3-Trichloropropane

Concen: 1.074 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU037162.D

Acq: 11 Mar 2020 13:23

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 75 Resp: 8596

Ion Ratio Lower Upper

75 100

77 40.9 27.4 41.0

