

Data File : VU036780.D
Acq On : 14 Feb 2020 10:45
Operator : JC/MD
Sample : VU0214WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK15

Quant Time: Feb 14 23:42:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 23:39:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	127174	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	116426	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48607	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	46280	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.93	69	42960	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.59	63	64170	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.69	46	131507	57.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.68%
24) Chloroform-d	5.11	84	81936	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	47477	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.76	84	175741	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.73	67	57248	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.92	98	160250	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.21	79	20489	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.67	63	108452	54.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.76%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43461	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	49342	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

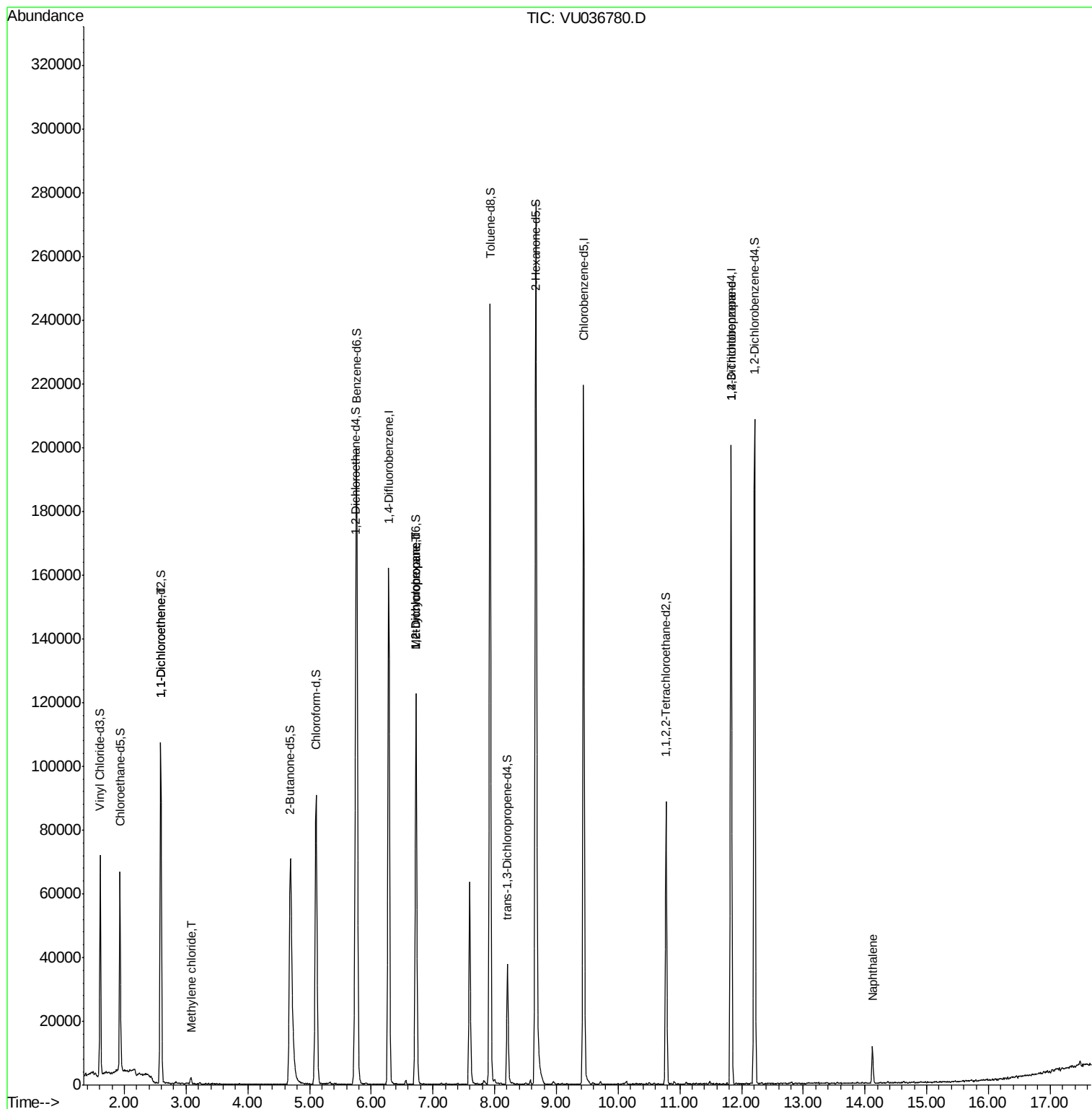
					Qvalue	
12) 1,1-Dichloroethene	2.59	96	527	0.068	ug/L #	1
16) Methylene chloride	3.08	84	997	0.076	ug/L	95
35) Methylcyclohexane	6.73	83	13069	0.900	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	6203	0.633	ug/L #	89
59) 1,2,3-Trichloropropane	11.83	75	7144	1.104	ug/L #	86
69) Naphthalene	14.12	128	9679	0.601	ug/L	96

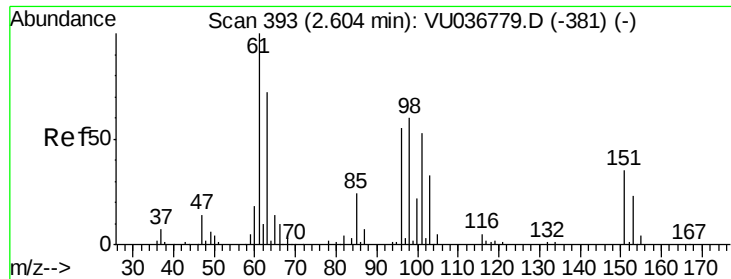
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU036780.D

Acq: 14 Feb 2020 10:45

Instrument :

MSVOA_U

ClientSampleId :

VBLK15

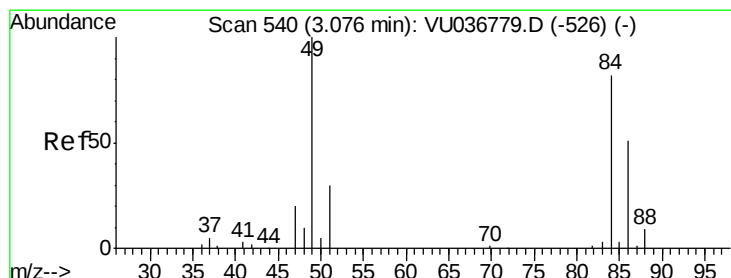
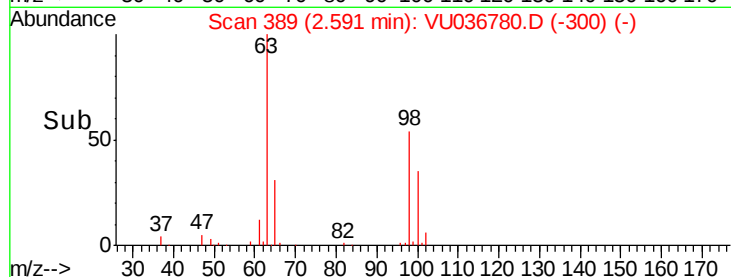
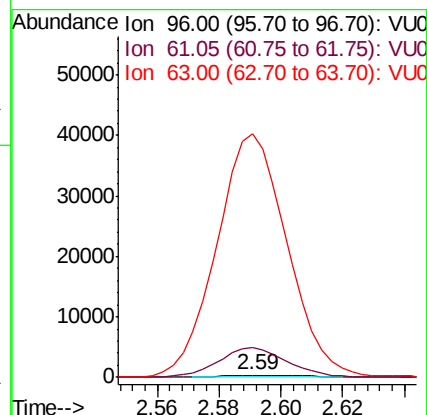
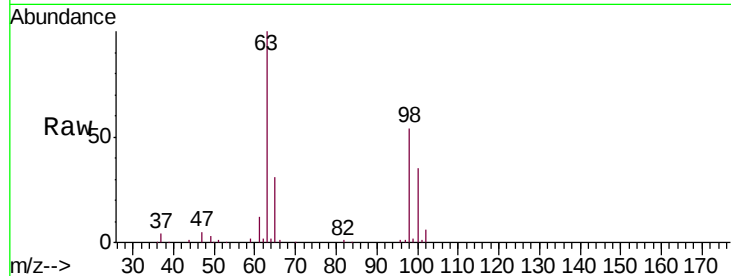
Tgt Ion: 96 Resp: 527

Ion Ratio Lower Upper

96 100

61 1438.6 126.4 234.8#

63 11874.9 89.5 166.3#



#16

Methylene chloride

Concen: 0.076 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036780.D

Acq: 14 Feb 2020 10:45

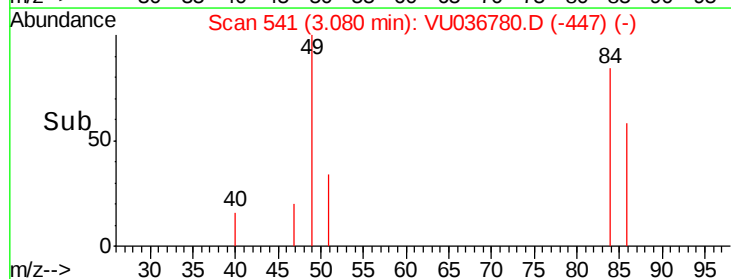
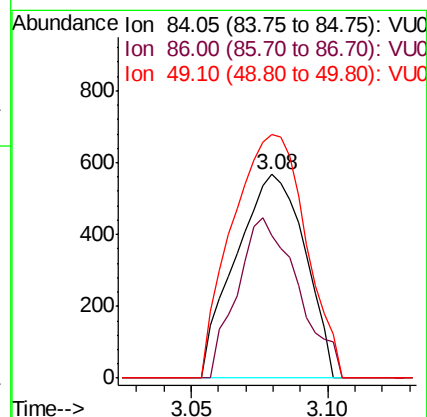
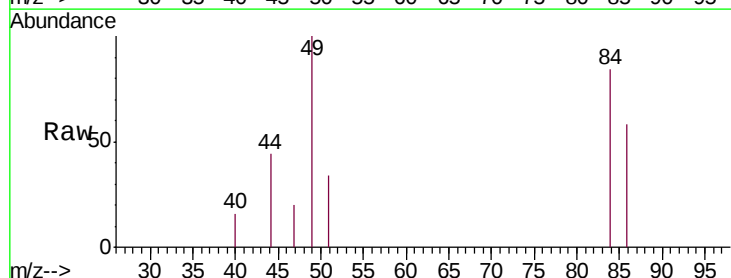
Tgt Ion: 84 Resp: 997

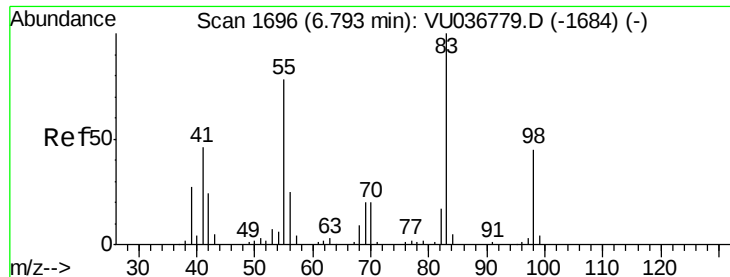
Ion Ratio Lower Upper

84 100

86 69.8 44.7 82.9

49 119.6 86.7 160.9

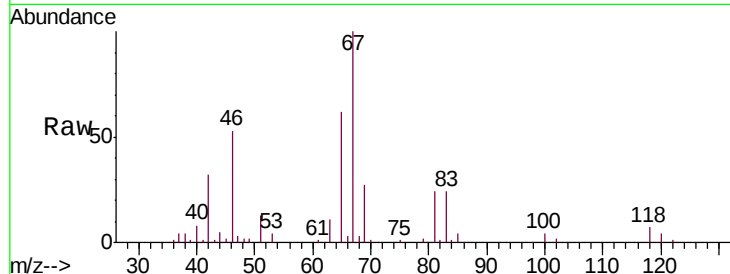




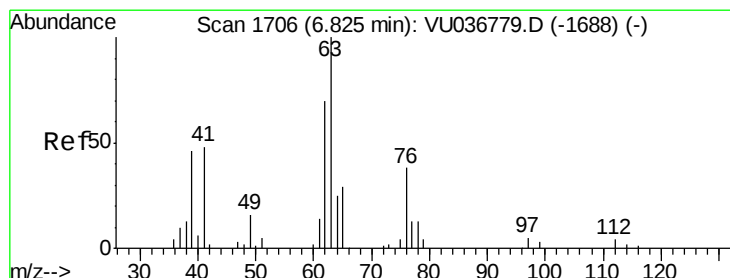
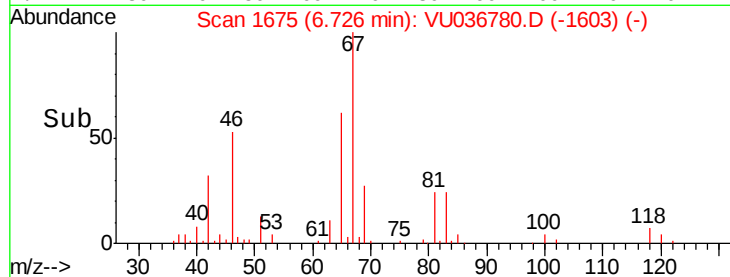
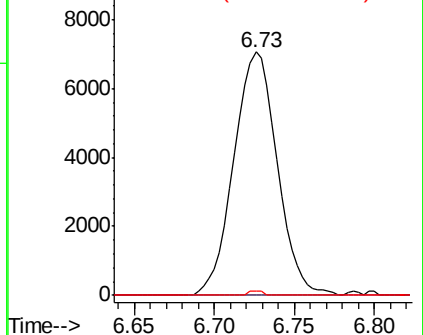
#35
Methylcyclohexane
Concen: 0.900 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036780.D
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Instrument :
MSVOA_U
ClientSampleId :
VBLK15

Tgt Ion: 83 Resp: 13069
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.6 34.2 51.4#

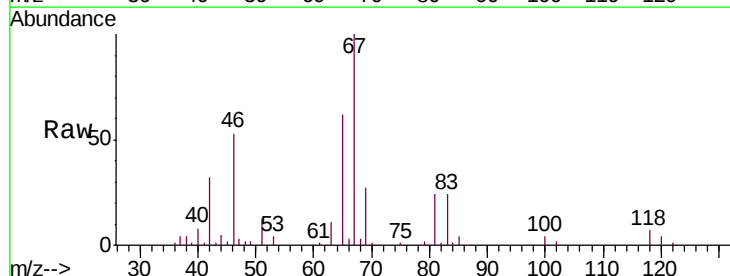


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

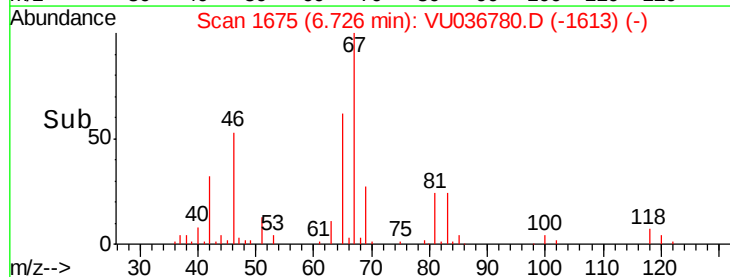
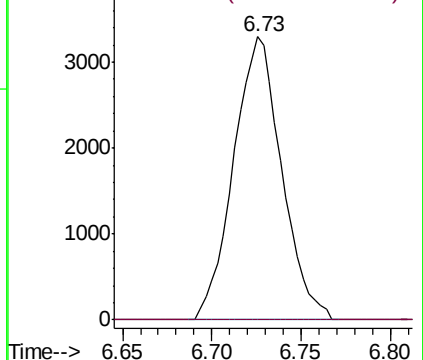


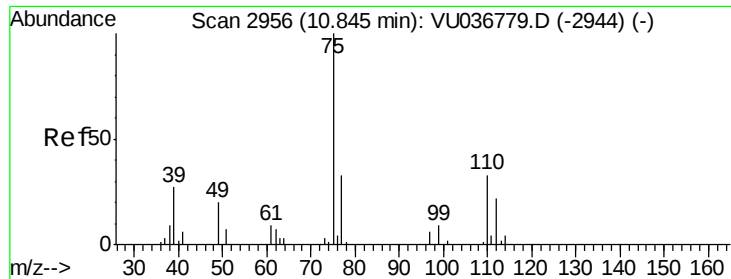
#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036780.D
Acq: 14 Feb 2020 10:45

Tgt Ion: 63 Resp: 6203
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



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

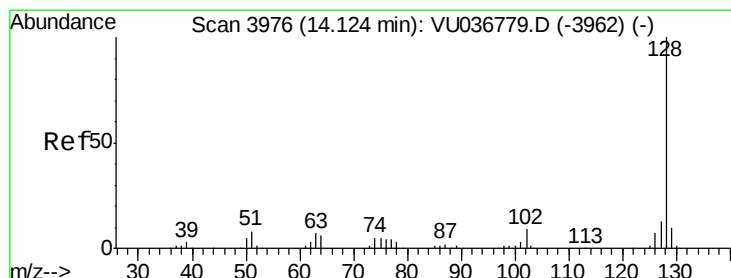
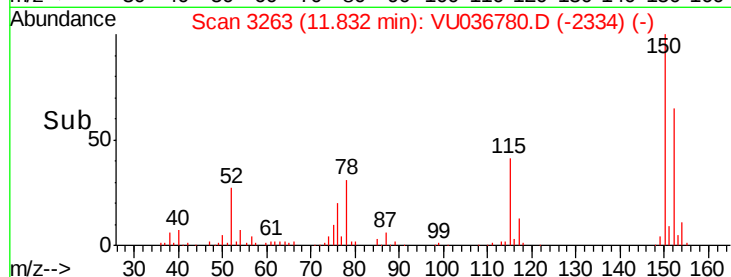
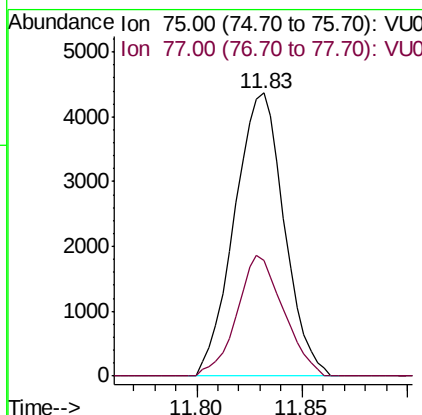
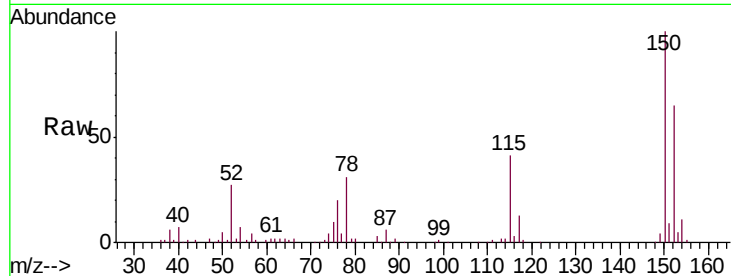




#59
 1,2,3-Trichloropropane
 Concen: 1.104 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU036780.D
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 ClientSampleId :
 VBLK15

Tgt Ion: 75 Resp: 7144
 Ion Ratio Lower Upper
 75 100
 77 40.0 25.6 38.4#



#69
 Naphthalene
 Concen: 0.601 ug/L
 RT: 14.12 min Scan# 3975
 Delta R.T. -0.00 min
 Lab File: VU036780.D
 Acq: 14 Feb 2020 10:45

Tgt Ion: 128 Resp: 9679
 Ion Ratio Lower Upper
 128 100
 129 9.8 9.0 13.4
 127 11.8 10.8 16.2

