

Data File : VU036863.D
Acq On : 20 Feb 2020 12:05
Operator : JC/MD
Sample : VU0220WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK19

Quant Time: Feb 21 00:51:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 21 00:49:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	144640	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	136510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	55872	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48437	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.93	69	45531	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.59	63	66604	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.69	46	127265	48.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.58%
24) Chloroform-d	5.11	84	83253	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.74	65	47946	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.76	84	182630	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.73	67	57187	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.93	98	163603	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.21	79	20570	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.67	63	105605	45.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.34%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	44070	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	51019	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

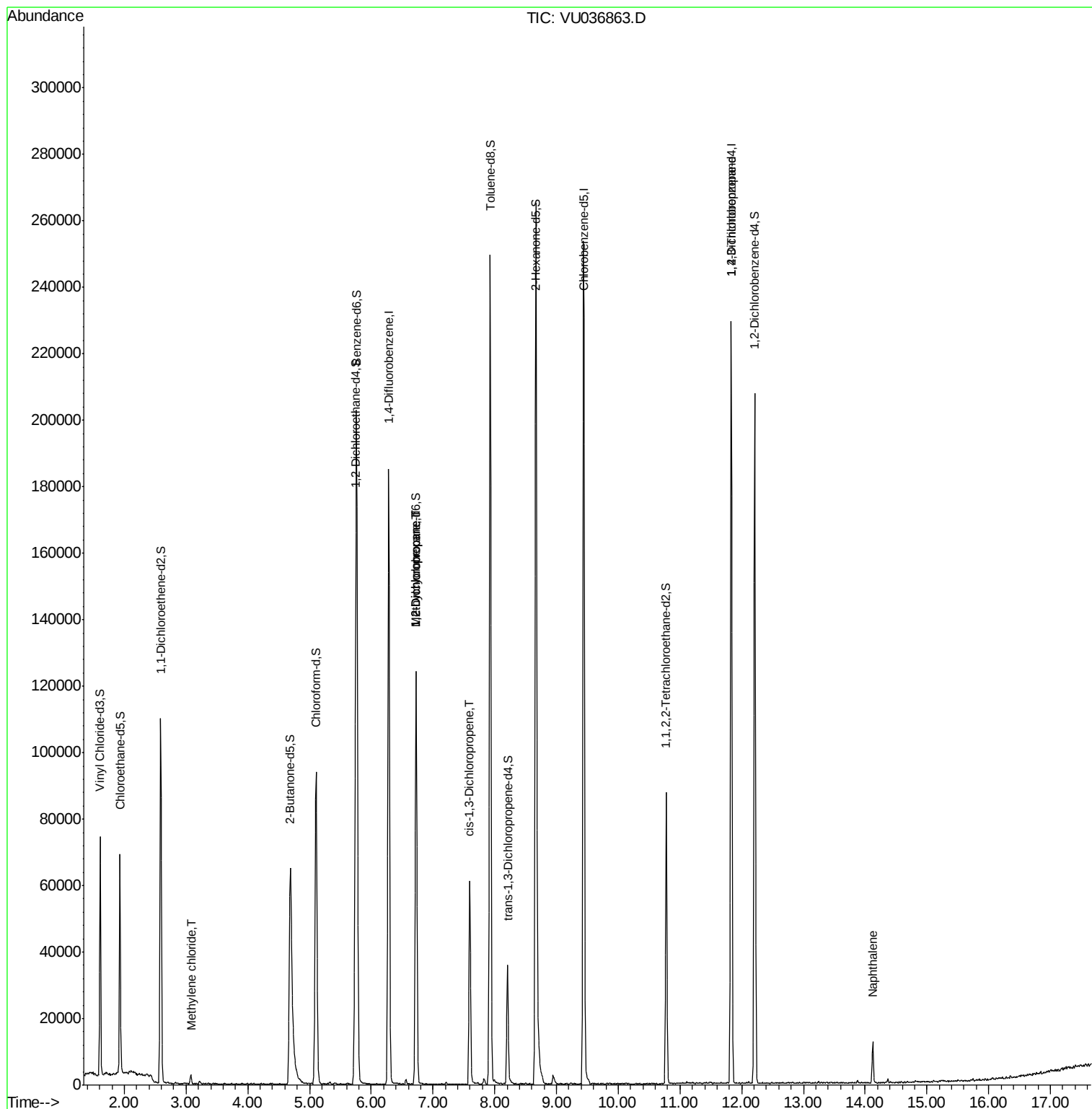
					Qvalue
16) Methylene chloride	3.08	84	1208	0.081 ug/L	93
35) Methylcyclohexane	6.72	83	12844	0.755 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	6326	0.550 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1467	0.088 ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	8428	1.110 ug/L	95
69) Naphthalene	14.12	128	9640	0.521 ug/L	98

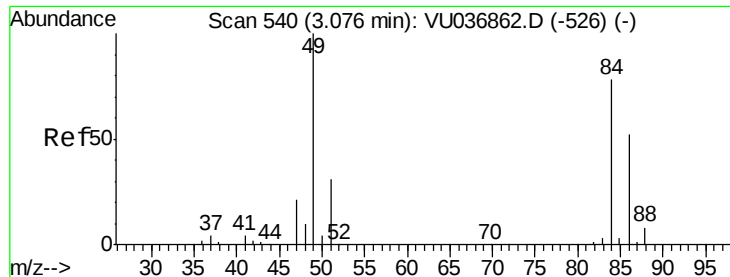
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

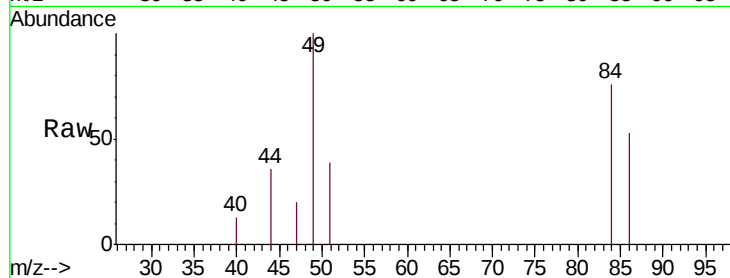




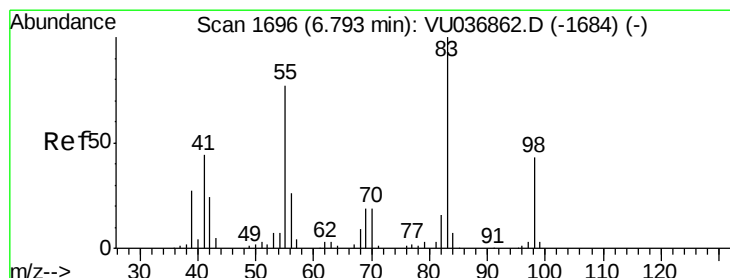
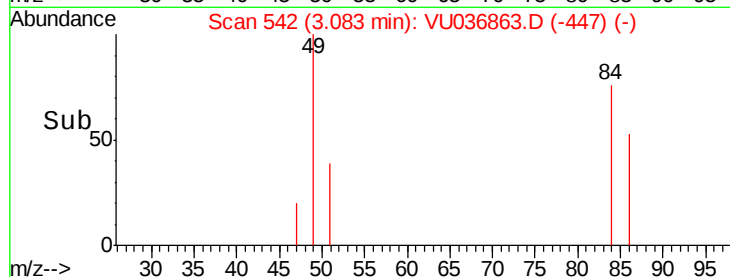
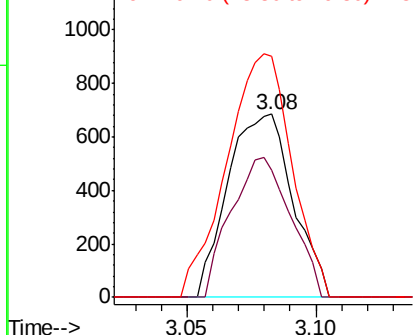
#16
Methylene chloride
Concen: 0.081 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.01 min
Lab File: VU036863.D
Acq: 20 Feb 2020 12:05

Instrument :
MSVOA_U
ClientSampleId :
VBLK19

Tgt Ion: 84 Resp: 1208
Ion Ratio Lower Upper
84 100
86 69.4 44.7 82.9
49 131.2 86.7 160.9

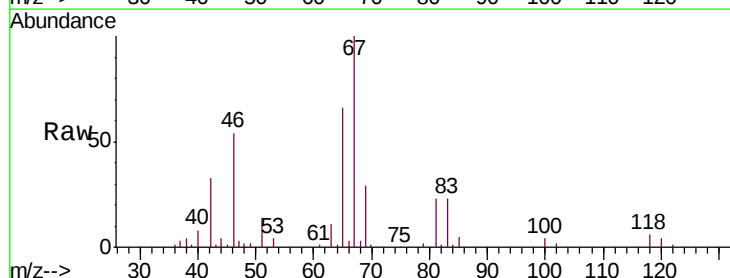


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

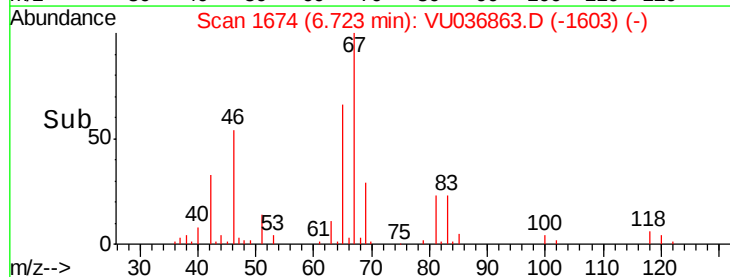
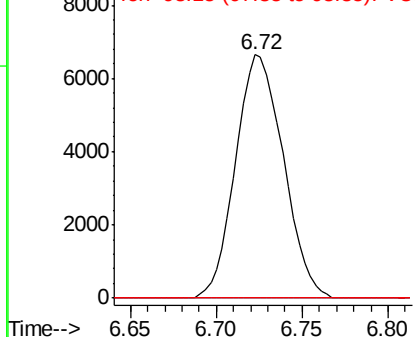


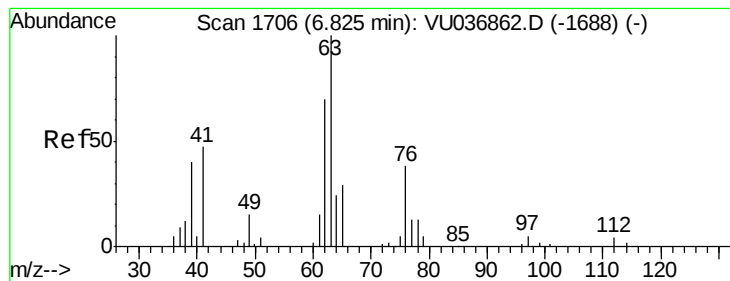
#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036863.D
Acq: 20 Feb 2020 12:05

Tgt Ion: 83 Resp: 12844
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 1.9 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: 0.550 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036863.D

Acq: 20 Feb 2020 12:05

Instrument :

MSVOA_U

ClientSampleId :

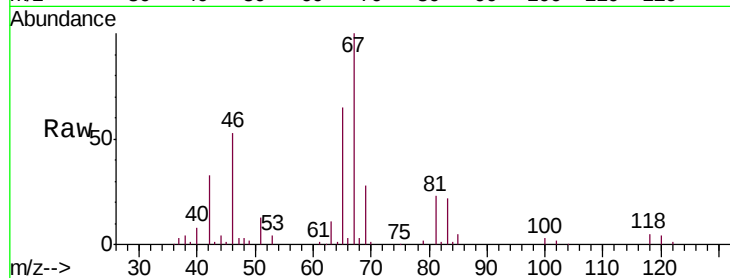
VBLK19

Tgt Ion: 63 Resp: 6326

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU036863.D (-1675) (-)

Ion 112.10 (111.80 to 112.80): VU036863.D (-1675) (-)

6.73

3000

2000

1000

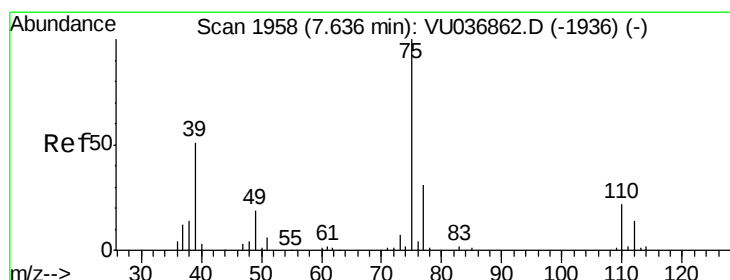
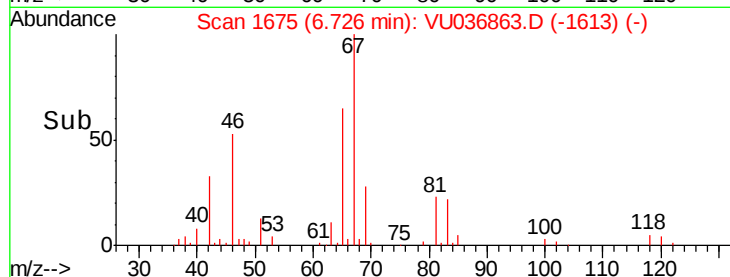
0

6.65

6.70

6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU036863.D

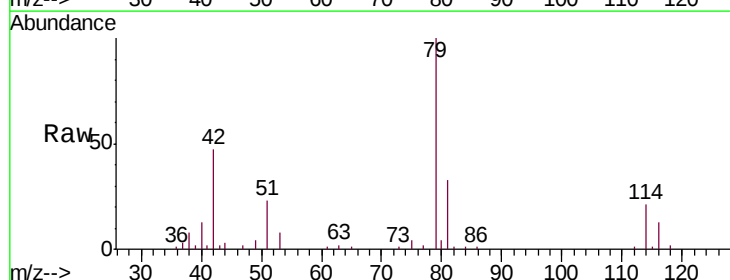
Acq: 20 Feb 2020 12:05

Tgt Ion: 75 Resp: 1467

Ion Ratio Lower Upper

75 100

77 50.6 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU036863.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU036863.D (-1865) (-)

7.59

1000

800

600

400

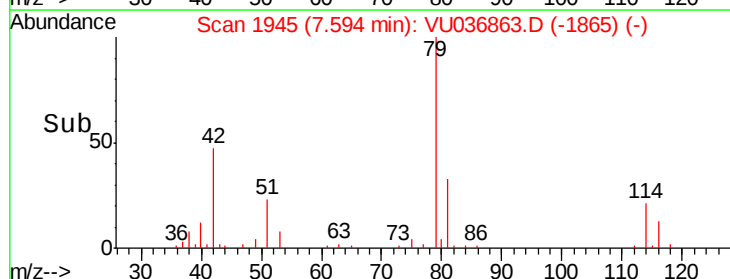
200

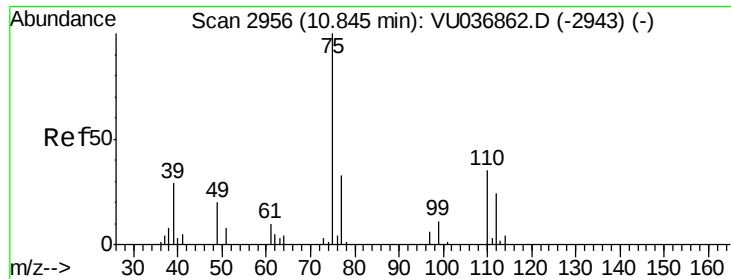
0

7.55

7.60

Time-->

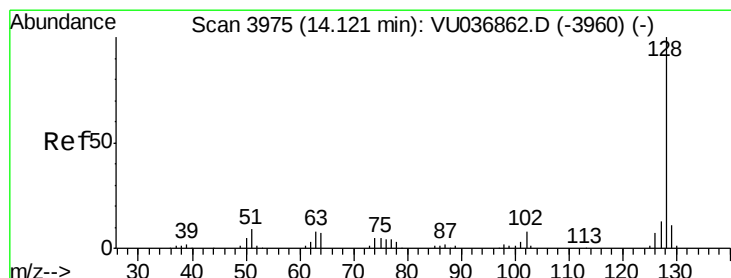
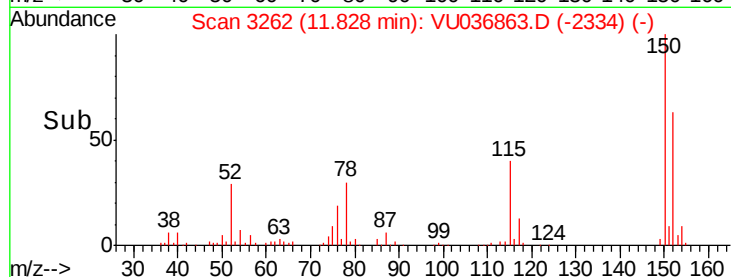
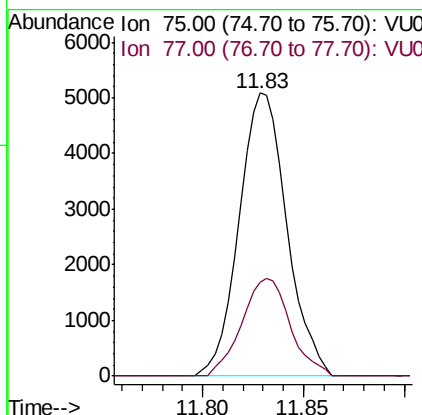
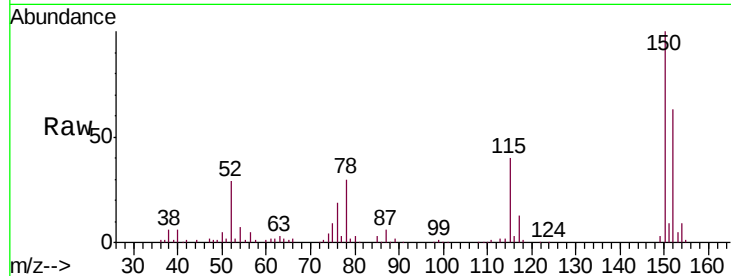




#59
 1,2,3-Trichloropropane
 Concen: 1.110 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036863.D
 Acq: 20 Feb 2020 12:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK19

Tgt Ion: 75 Resp: 8428
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.6 38.4



#69
 Naphthalene
 Concen: 0.521 ug/L
 RT: 14.12 min Scan# 3976
 Delta R.T. 0.00 min
 Lab File: VU036863.D
 Acq: 20 Feb 2020 12:05

Tgt Ion: 128 Resp: 9640
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.4
 127 15.1 10.8 16.2

