

Data File : VU036752.D
Acq On : 12 Feb 2020 15:58
Operator : JC/MD
Sample : VIBLK40
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Feb 13 01:03:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	140625	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	130879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	56893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	51228	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.93	69	49463	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.59	63	65739	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.68	46	120216	47.40	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.80%
24) Chloroform-d	5.11	84	80004	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.74	65	46295	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.76	84	177368	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.73	67	55371	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.93	98	160632	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.21	79	20530	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.66	63	102244	45.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.22%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41026	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	50669	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

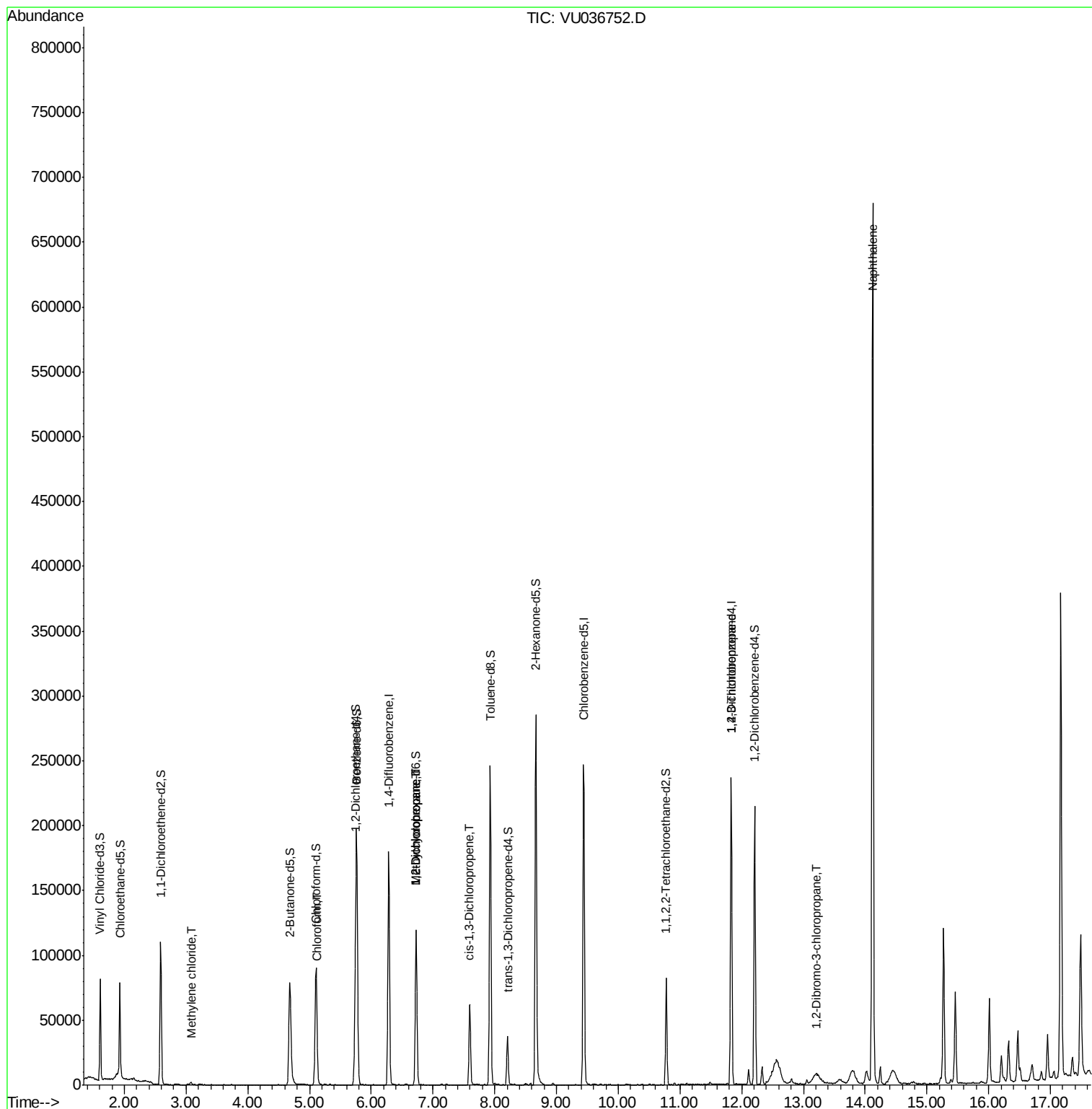
						Qvalue
16) Methylene chloride	3.08	84	951	0.066	ug/L	91
25) Chloroform	5.13	83	3328	0.168	ug/L	94
35) Methylcyclohexane	6.73	83	12480	0.765	ug/L #	20
37) 1,2-Dichloropropane	6.73	63	6200	0.562	ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1620	0.102	ug/L #	73
59) 1,2,3-Trichloropropane	11.83	75	8112	1.115	ug/L	93
66) 1,2-Dibromo-3-chloropropan	13.20	75	198	0.140	ug/L #	11
69) Naphthalene	14.12	128	536882	28.477	ug/L	99

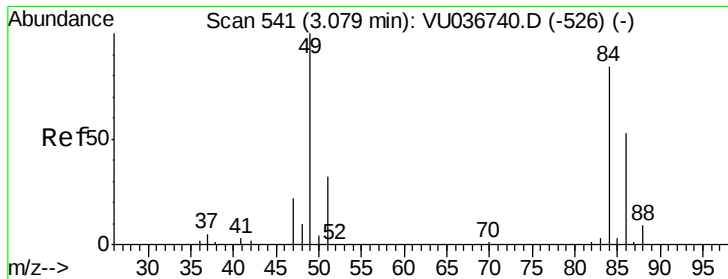
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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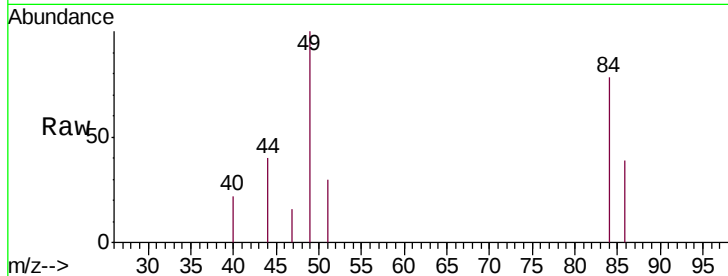




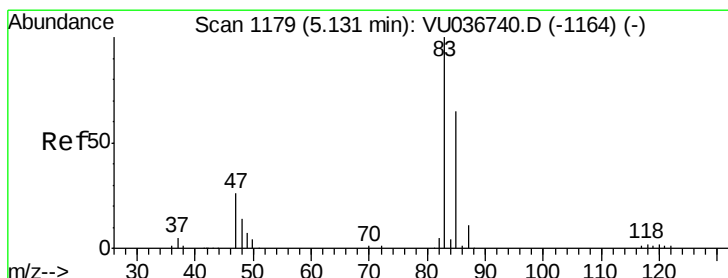
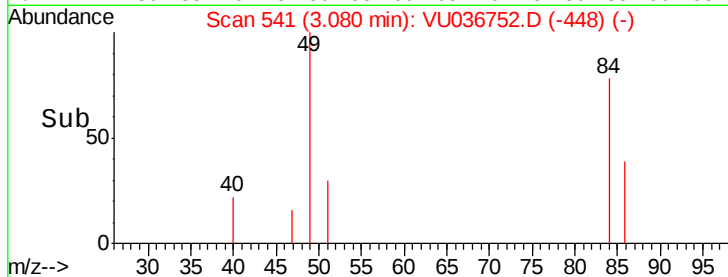
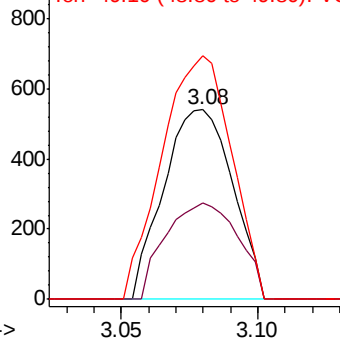
#16
Methylene chloride
Concen: 0.066 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036752.D
Acq: 12 Feb 2020 15:58

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion: 84 Resp: 951
Ion Ratio Lower Upper
84 100
86 50.6 44.7 82.9
49 128.5 86.7 160.9

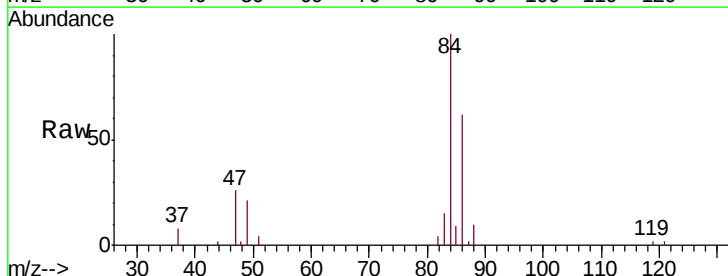


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

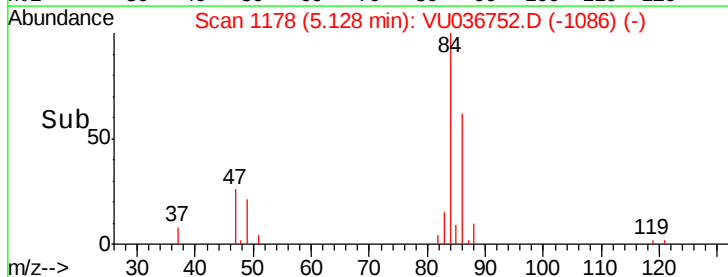
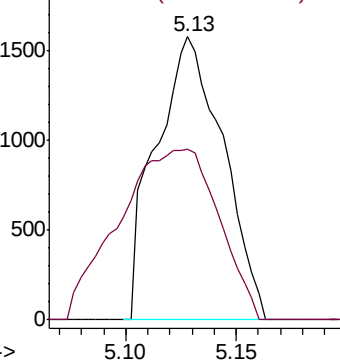


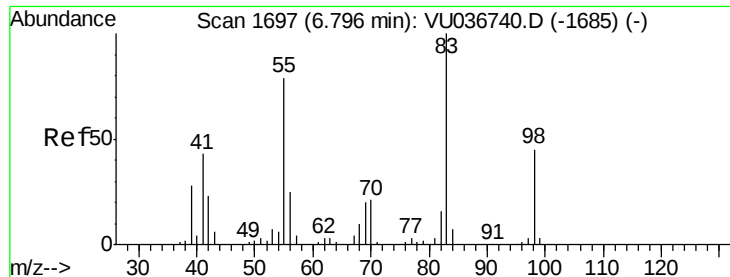
#25
Chloroform
Concen: 0.168 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU036752.D
Acq: 12 Feb 2020 15:58

Tgt Ion: 83 Resp: 3328
Ion Ratio Lower Upper
83 100
85 60.4 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

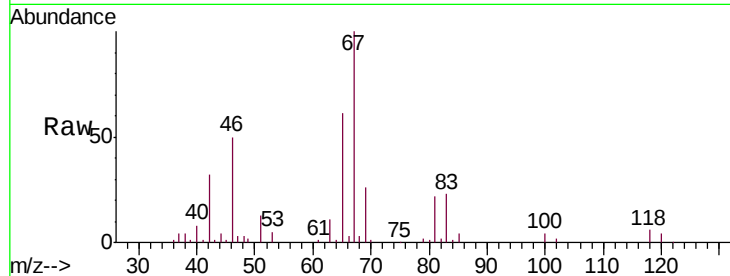




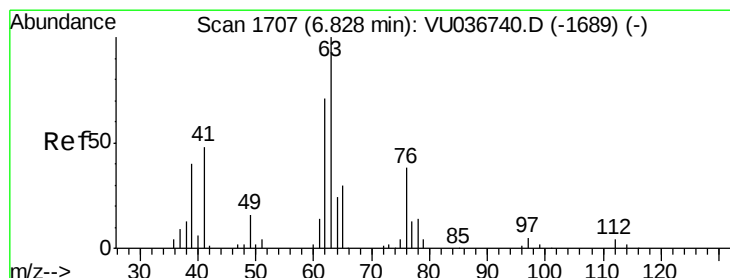
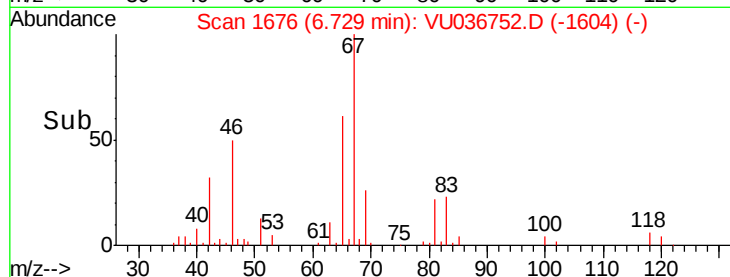
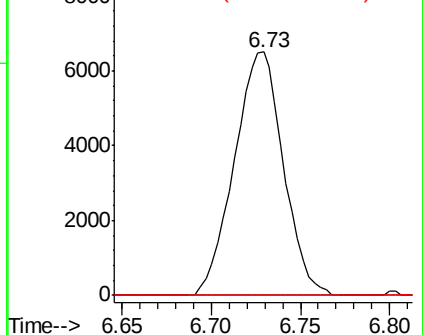
#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036752.D
Acq: 12 Feb 2020 15:58

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion: 83 Resp: 12480
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 1.3 34.2 51.4#

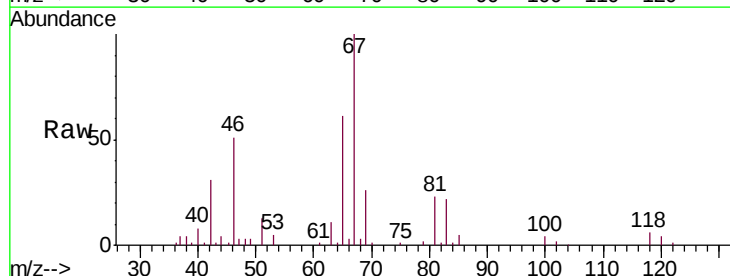


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

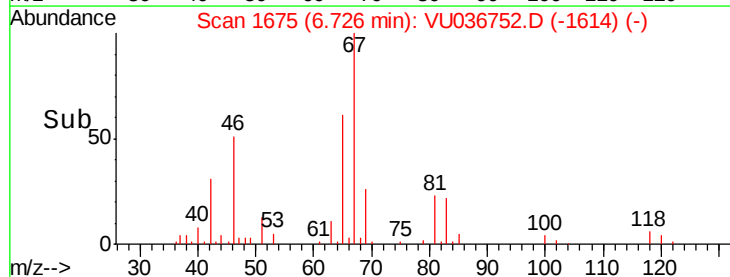
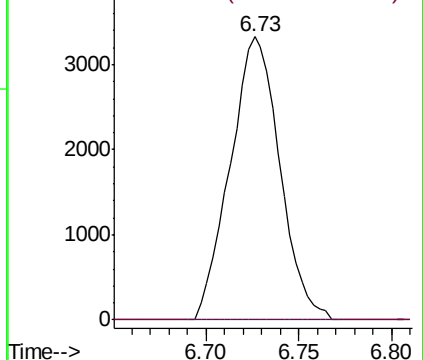


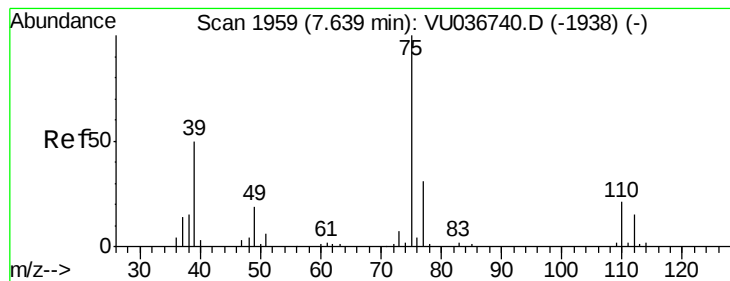
#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036752.D
Acq: 12 Feb 2020 15:58

Tgt Ion: 63 Resp: 6200
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





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036752.D

Acq: 12 Feb 2020 15:58

Instrument :

MSVOA_U

ClientSampleId :

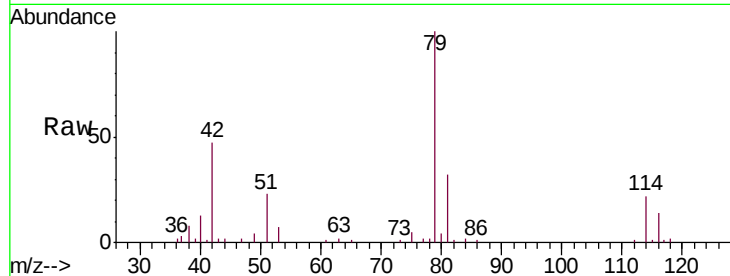
VIBLK40

Tgt Ion: 75 Resp: 1620

Ion Ratio Lower Upper

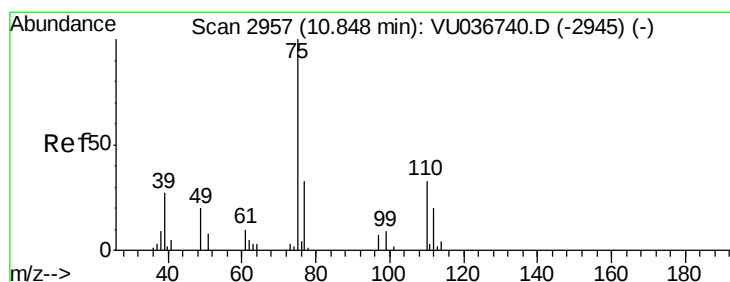
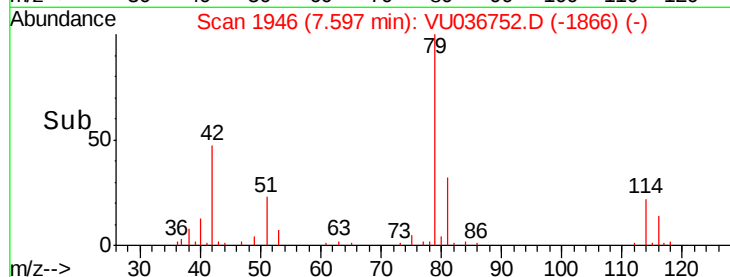
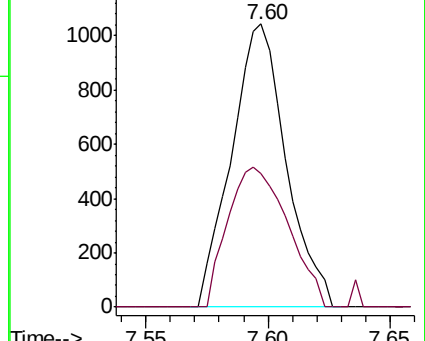
75 100

77 47.2 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU036740.D (-1938) (-)

Ion 77.05 (76.75 to 77.75): VU036740.D (-1938) (-)



#59

1,2,3-Trichloropropane

Concen: 1.115 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036752.D

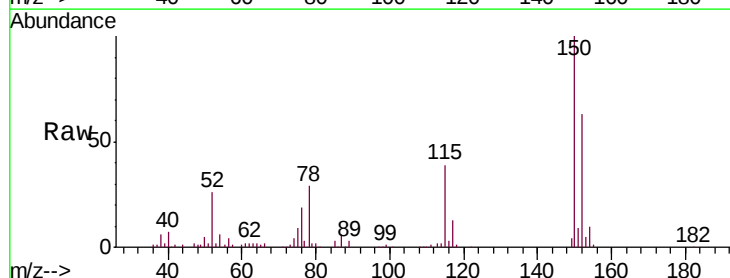
Acq: 12 Feb 2020 15:58

Tgt Ion: 75 Resp: 8112

Ion Ratio Lower Upper

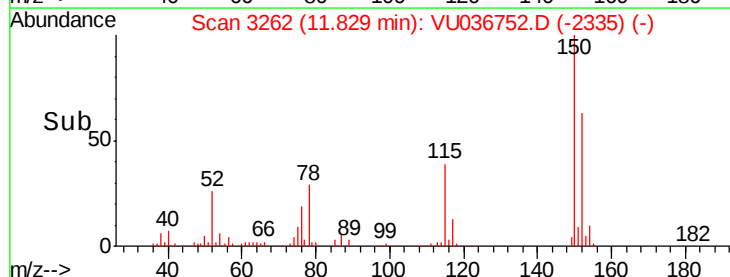
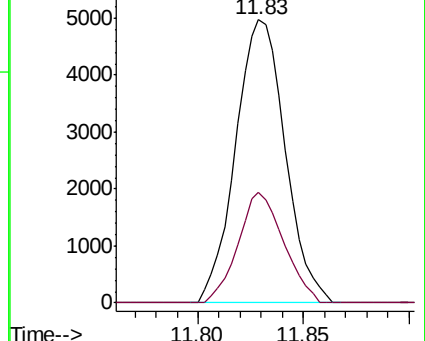
75 100

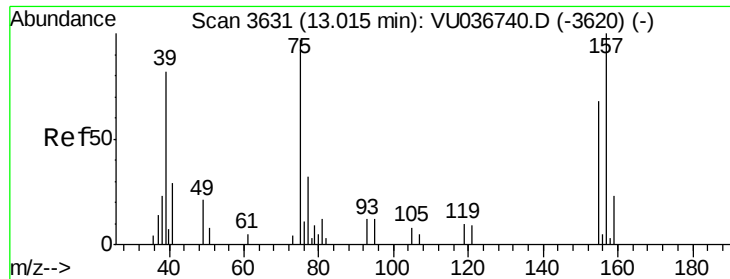
77 35.8 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU036740.D (-2945) (-)

Ion 77.00 (76.70 to 77.70): VU036740.D (-2945) (-)

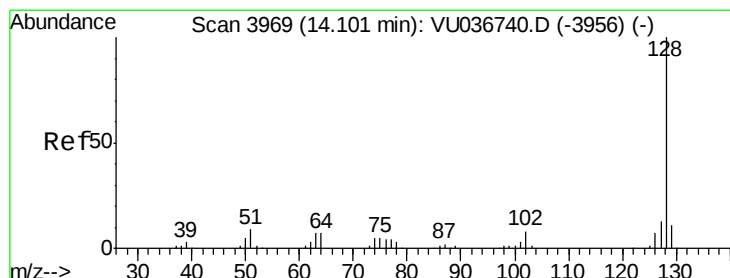
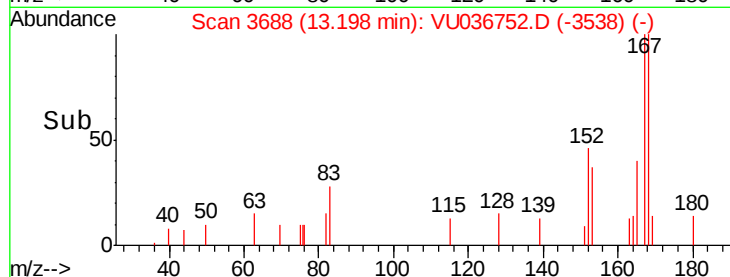
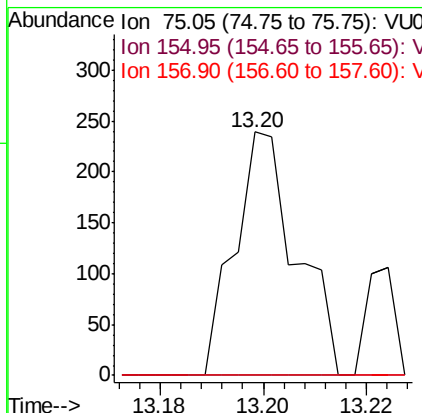
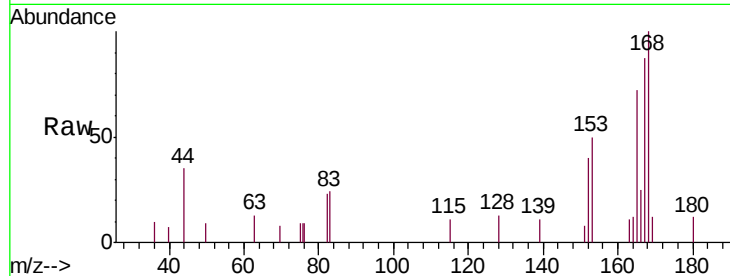




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.140 ug/L
 RT: 13.20 min Scan# 3688
 Delta R.T. 0.18 min
 Lab File: VU036752.D
 Acq: 12 Feb 2020 15:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Tgt Ion: 75 Resp: 198
 Ion Ratio Lower Upper
 75 100
 155 0.0 52.9 79.3#
 157 0.0 69.2 103.8#



#69
 Naphthalene
 Concen: 28.477 ug/L
 RT: 14.12 min Scan# 3975
 Delta R.T. 0.02 min
 Lab File: VU036752.D
 Acq: 12 Feb 2020 15:58

Tgt Ion: 128 Resp: 536882
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.0 13.4
 127 13.6 10.8 16.2

