

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040620\
 Data File : VU037594.D
 Acq On : 06 Apr 2020 16:39
 Operator : JC/MD
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Apr 07 00:51:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 07 00:48:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	166811	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	153236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	73073	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	56811	41.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.86%
7) Chloroethane-d5	1.93	69	46868	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.12%
11) 1,1-Dichloroethene-d2	2.59	63	76465	33.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.16%
21) 2-Butanone-d5	4.67	46	100138	98.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.34%
24) Chloroform-d	5.11	84	100099	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	5.74	65	68075	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.84%
32) Benzene-d6	5.76	84	210856	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
36) 1,2-Dichloropropane-d6	6.72	67	71317	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.44%
41) Toluene-d8	7.92	98	193224	46.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.20	79	35269	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.92%
47) 2-Hexanone-d5	8.65	63	79253	100.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.08%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101834	47.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.32%
64) 1,2-Dichlorobenzene-d4	12.20	152	69755	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%

Target Compounds

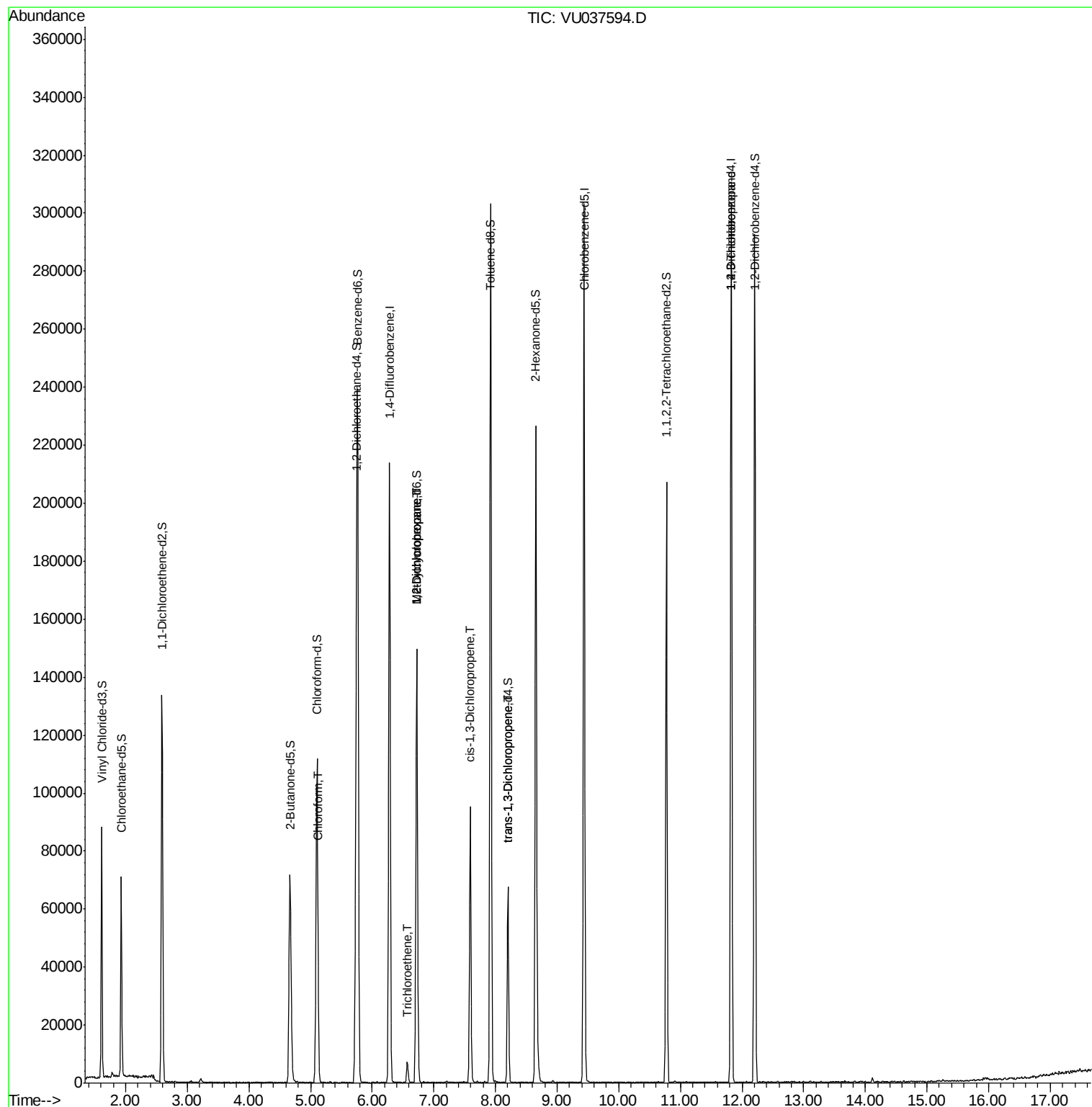
					Ovalue
25) Chloroform	5.13	83	2335	1.190 ug/L	84
34) Trichloroethene	6.56	95	2146	2.044 ug/L	83
35) Methylcyclohexane	6.72	83	15952	9.834 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	7498	6.554 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2348	1.314 ug/L #	52
44) trans-1,3-Dichloropropene	8.20	75	1839	1.045 ug/L	85
59) 1,2,3-Trichloropropane	11.83	75	10919	7.425 ug/L	95

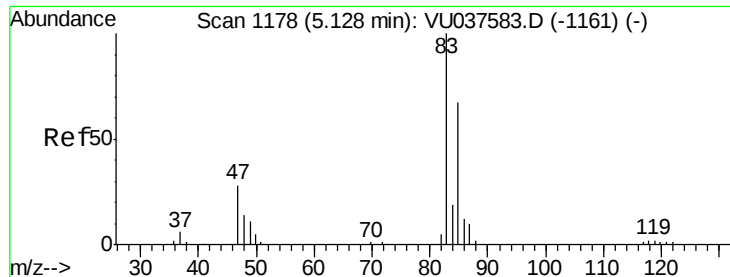
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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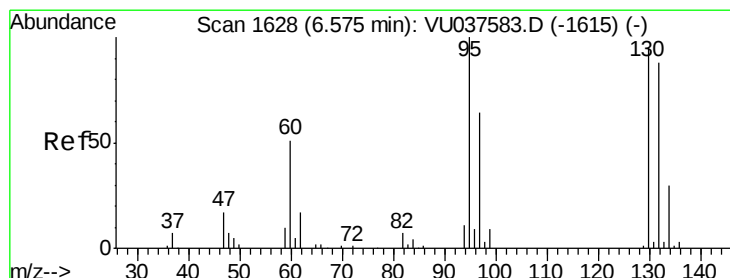
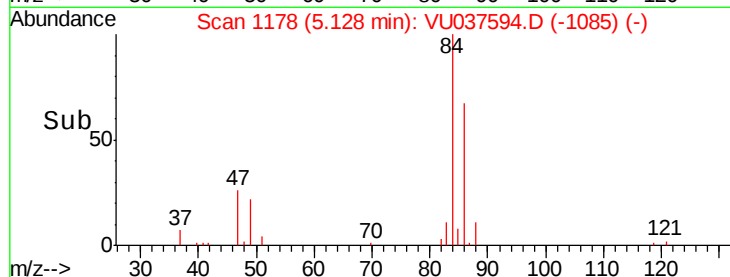
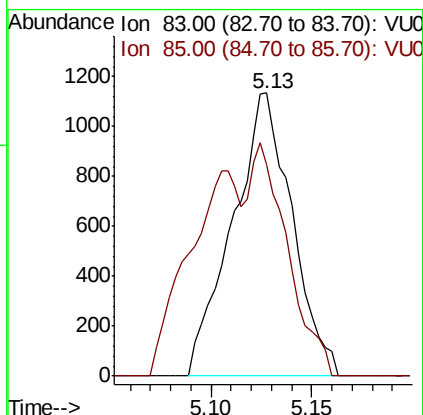
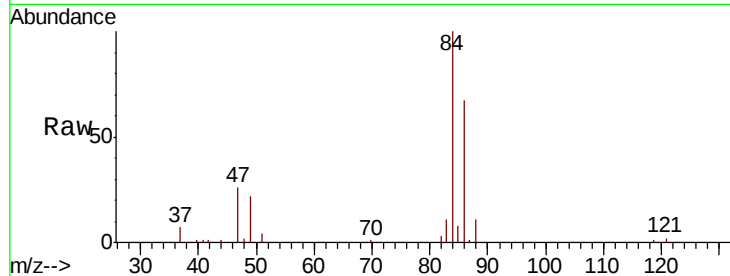




#25
Chloroform
Concen: 1.190 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037594.D
Acq: 06 Apr 2020 16:39

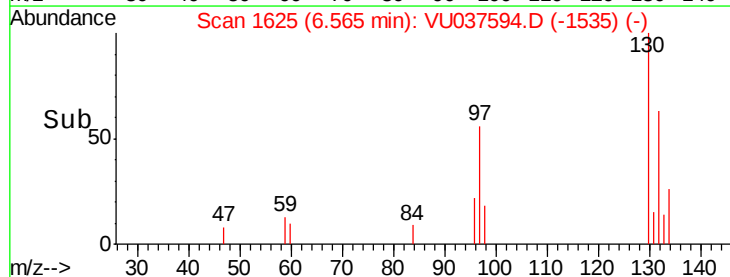
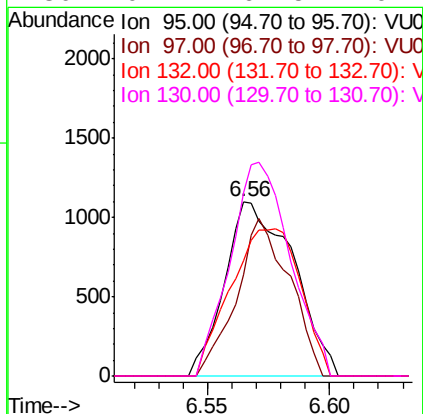
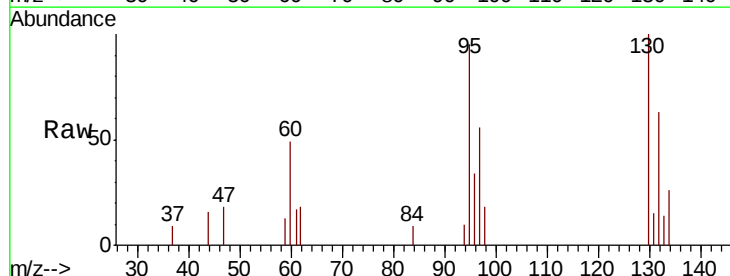
Instrument :
MSVOA_U
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VIBLK40

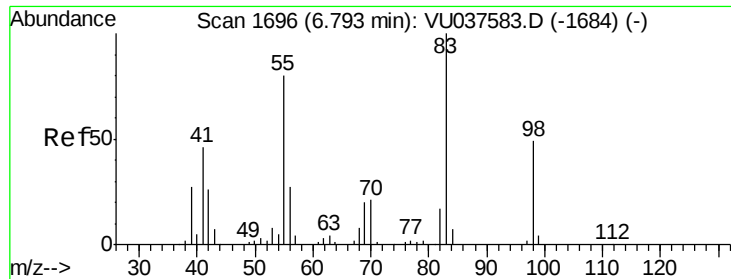
Tot Ion: 83 Resp: 2335
Ion Ratio Lower Upper
83 100
85 74.6 43.7 81.1



#34
Trichloroethene
Concen: 2.044 ug/L
RT: 6.56 min Scan# 1625
Delta R.T. -0.01 min
Lab File: VU037594.D
Acq: 06 Apr 2020 16:39

Tgt Ion: 95 Resp: 2146
Ion Ratio Lower Upper
95 100
97 58.3 45.2 84.0
132 66.2 63.7 118.3
130 104.7 64.5 119.7

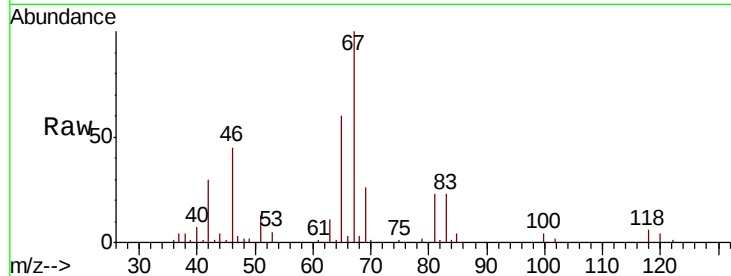




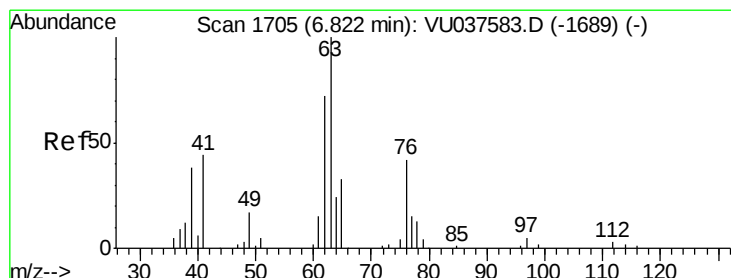
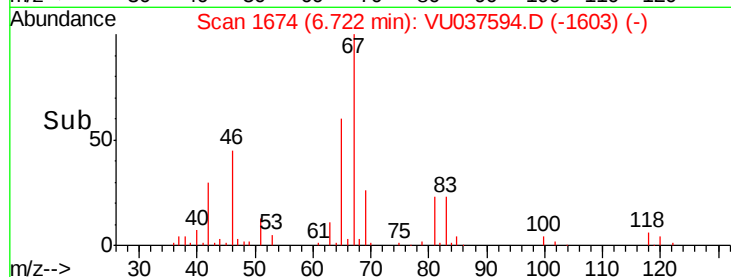
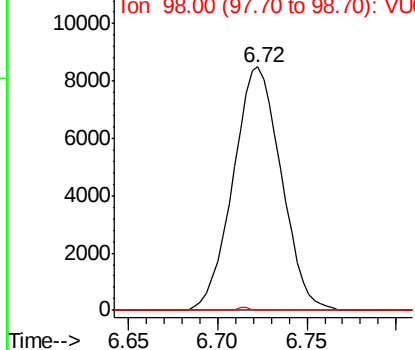
#35
Methvlcvclohexane
Concen: 9.834 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037594.D
Acq: 06 Apr 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tot Ion: 83 Resp: 15952
Ion Ratio Lower Upper
83 100
55 0.0 61.1 91.7#
98 0.3 35.3 52.9#

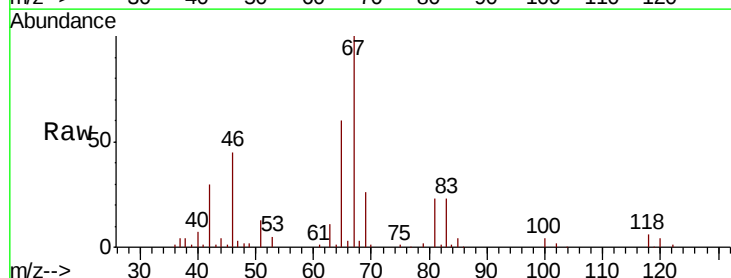


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

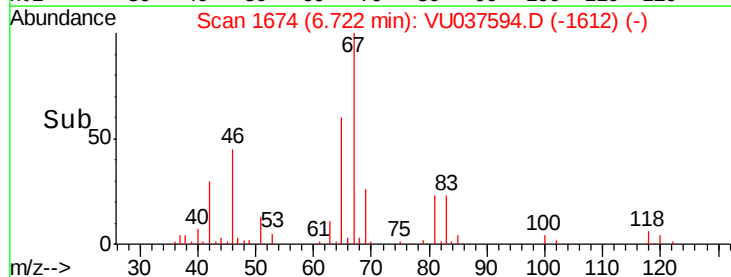
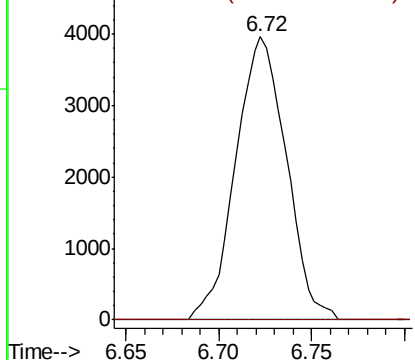


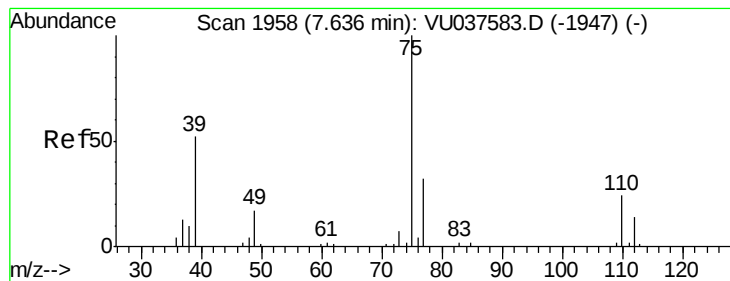
#37
1,2-Dichloropropane
Concen: 6.554 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037594.D
Acq: 06 Apr 2020 16:39

Tgt Ion: 63 Resp: 7498
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.314 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.05 min

Lab File: VU037594.D

Acq: 06 Apr 2020 16:39

Instrument :

MSVOA_U

ClientSampleId :

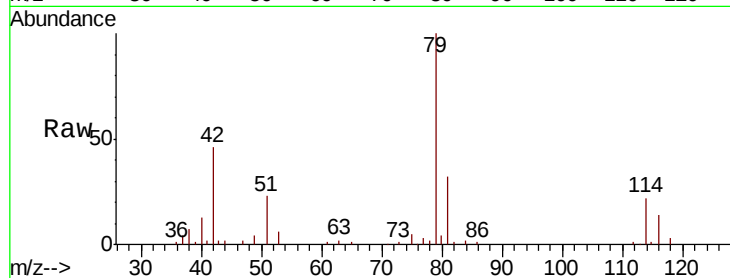
VIBLK40

Tot Ion: 75 Resp: 2348

Ion Ratio Lower Upper

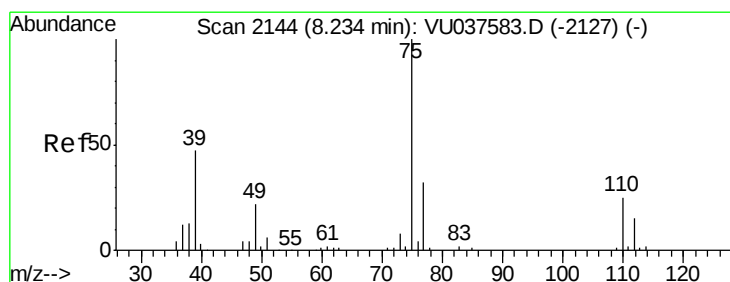
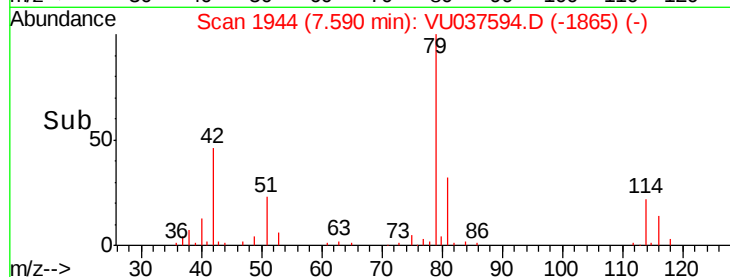
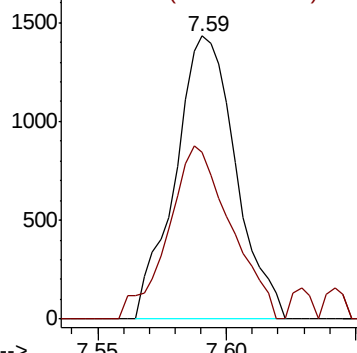
75 100

77 59.1 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 1.045 ug/L

RT: 8.20 min Scan# 2135

Delta R.T. -0.03 min

Lab File: VU037594.D

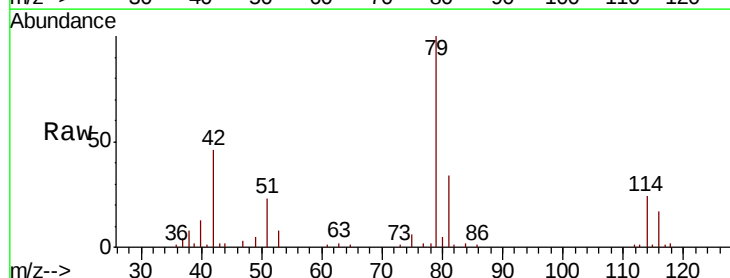
Acq: 06 Apr 2020 16:39

Tgt Ion: 75 Resp: 1839

Ion Ratio Lower Upper

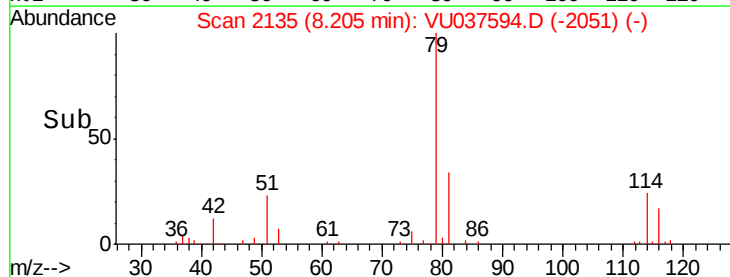
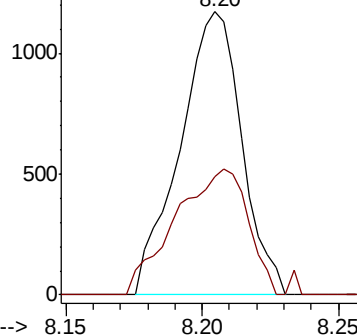
75 100

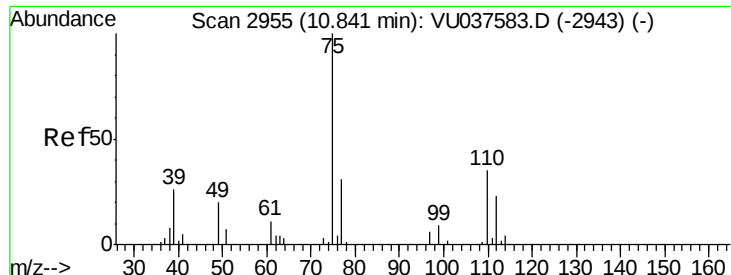
77 41.8 23.4 43.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 7.425 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037594.D

Acq: 06 Apr 2020 16:39

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tot Ion: 75 Resp: 10919

Ion Ratio Lower Upper

75 100

77 34.6 25.5 38.3

