

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040720\
 Data File : VU037602.D
 Acq On : 07 Apr 2020 12:10
 Operator : JC/MD
 Sample : L2173-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS70

Quant Time: Apr 08 02:28:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 08 02:25:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	152311	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	143336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	64519	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63268	51.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.30%
7) Chloroethane-d5	1.93	69	49394	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.59	63	85679	41.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.42%
21) 2-Butanone-d5	4.66	46	101691	109.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.38%
24) Chloroform-d	5.10	84	106937	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.62%
26) 1,2-Dichloroethane-d4	5.74	65	69927	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
32) Benzene-d6	5.76	84	223050	53.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.72	67	74269	53.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.26%
41) Toluene-d8	7.92	98	204410	52.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.62%
43) trans-1,3-Dichloropropene-	8.20	79	39862	52.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.04%
47) 2-Hexanone-d5	8.66	63	75886	102.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.45%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105870	52.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.94%
64) 1,2-Dichlorobenzene-d4	12.21	152	75062	57.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.02%

Target Compounds

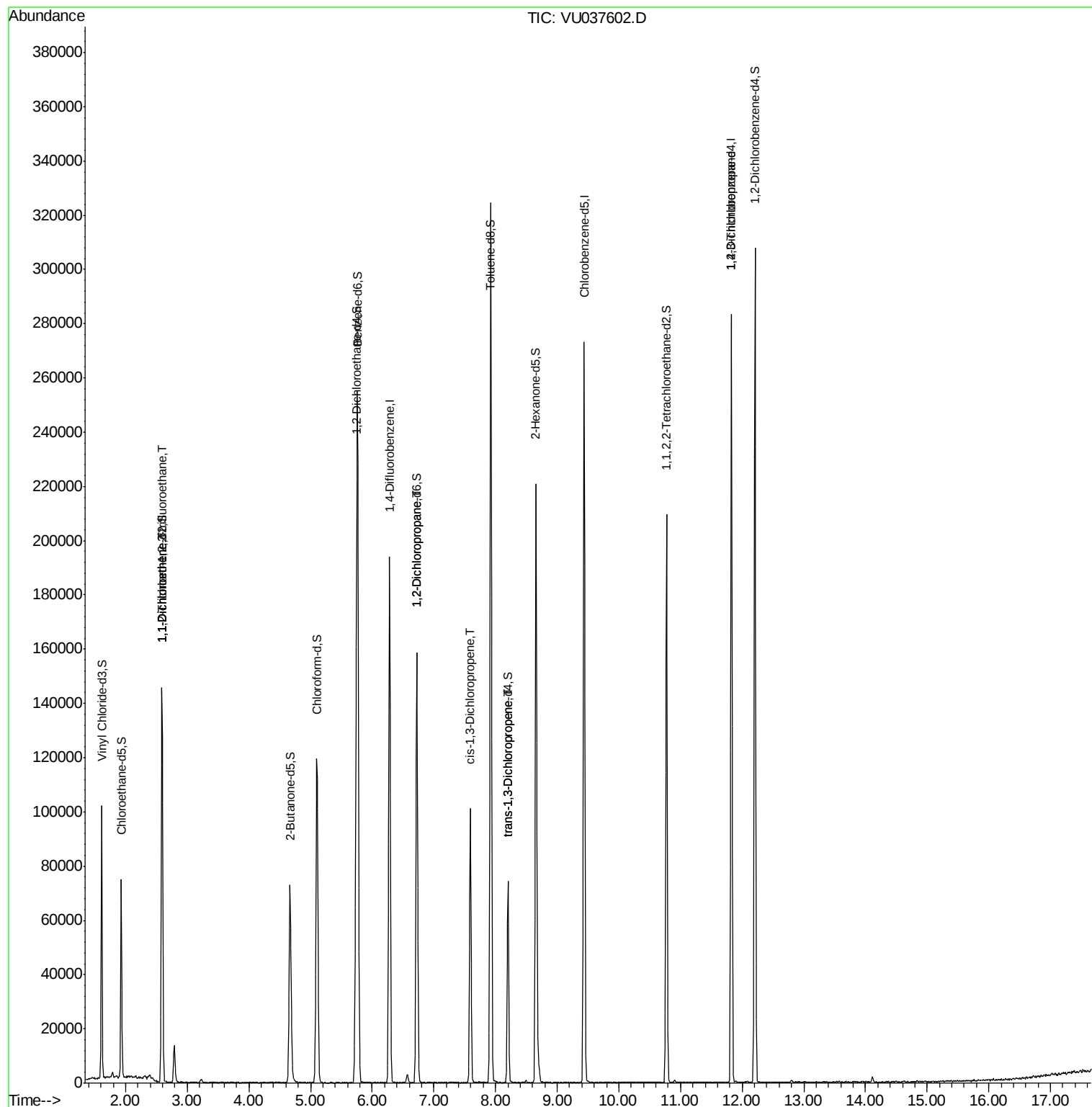
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	810	0.965 ug/L #	22
12) 1,1-Dichloroethene	2.59	96	634	0.778 ug/L #	1
37) 1,2-Dichloropropane	6.72	63	7963	7.441 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2518	1.507 ug/L #	69
44) trans-1,3-Dichloropropene	8.20	75	1854	1.126 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	9947	7.231 ug/L	93

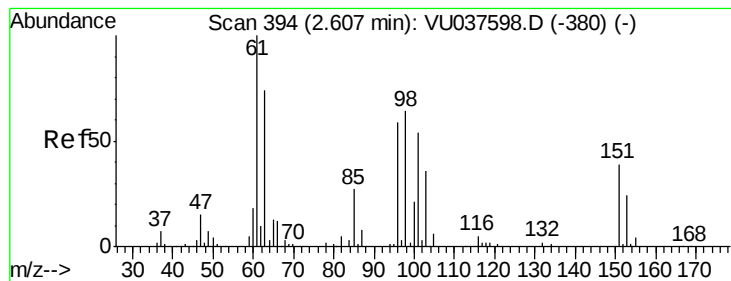
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.965 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU037602.D

Acq: 07 Apr 2020 12:10

Instrument :

MSVOA_U

ClientSampleId :

BFS70

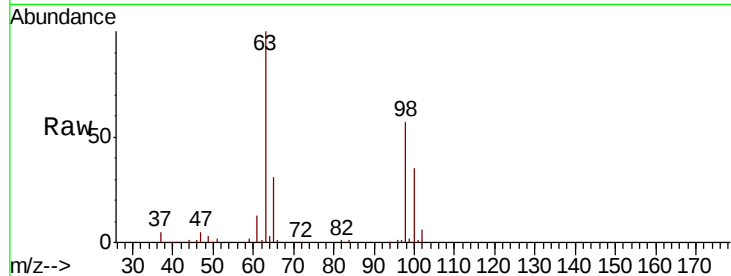
Tot Ion:101 Resp: 810

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

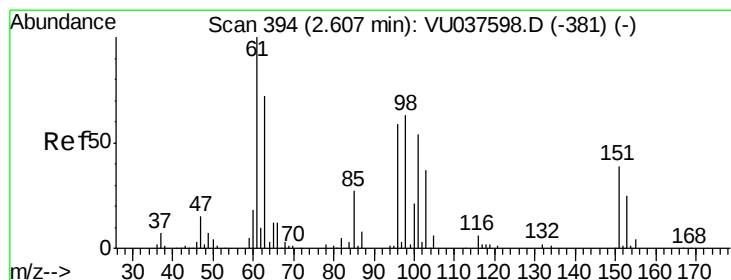
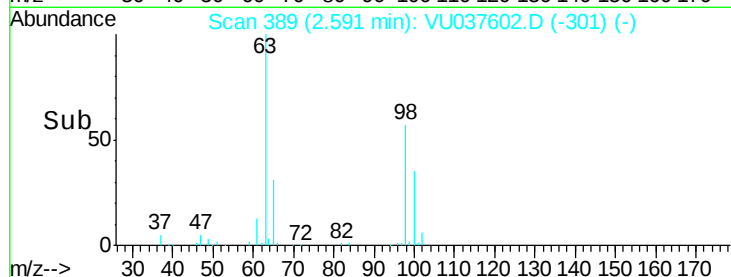
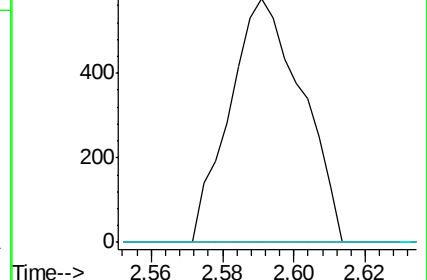
151 0.0 55.3 82.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.778 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU037602.D

Acq: 07 Apr 2020 12:10

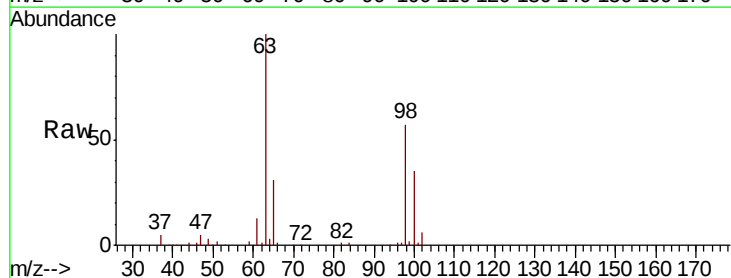
Tgt Ion: 96 Resp: 634

Ion Ratio Lower Upper

96 100

61 1632.5 117.2 217.8#

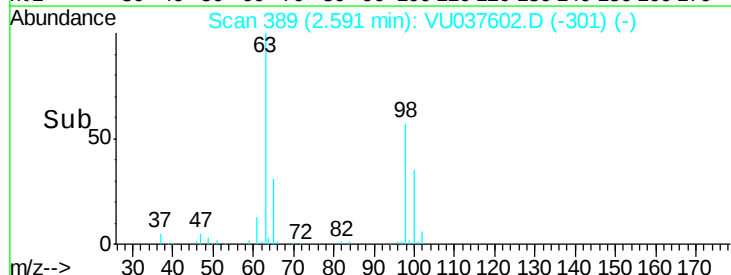
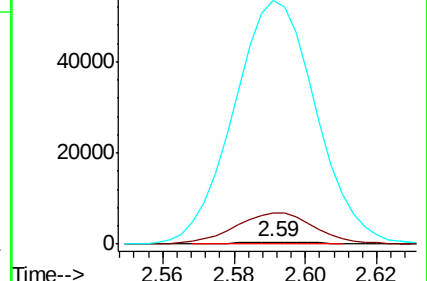
63 12773.2 90.9 168.9#

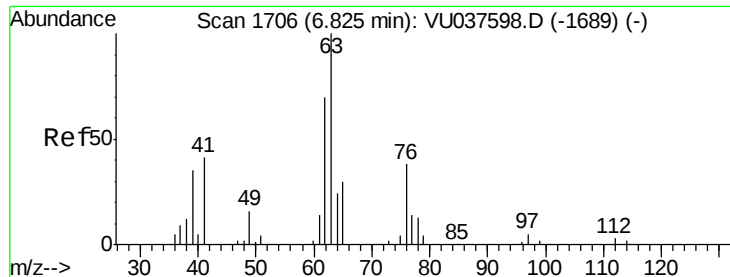


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

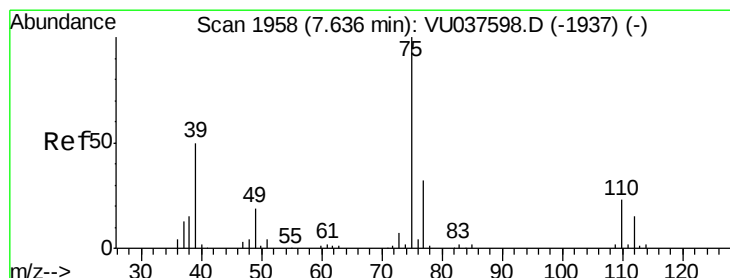
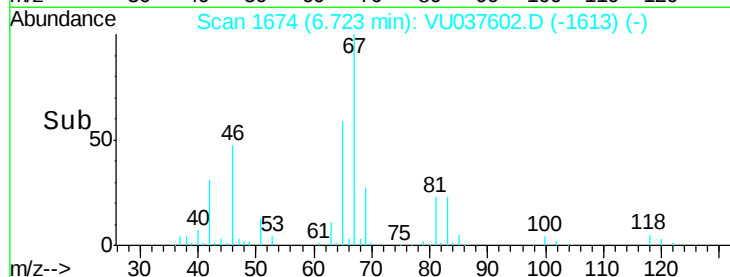
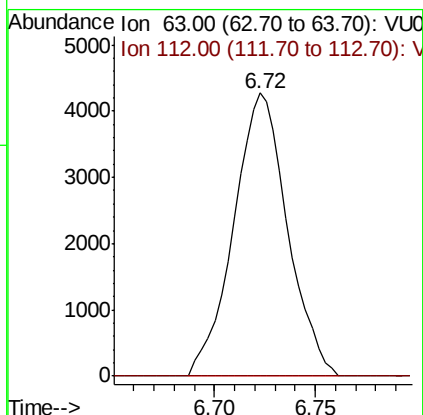
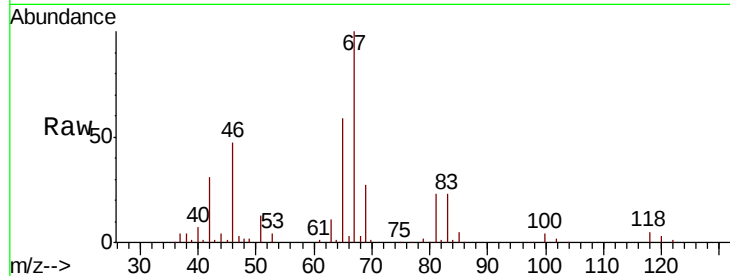




#37
 1,2-Dichloropropane
 Concen: 7.441 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037602.D
 Acq: 07 Apr 2020 12:10

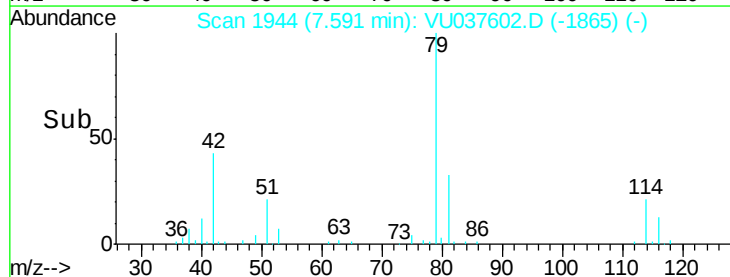
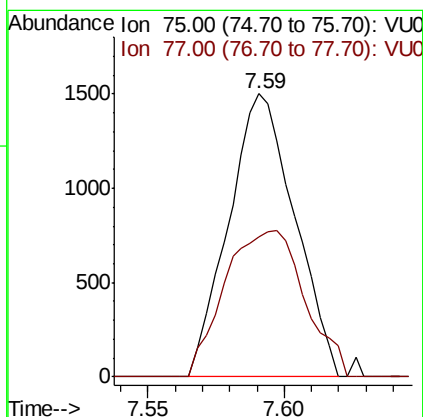
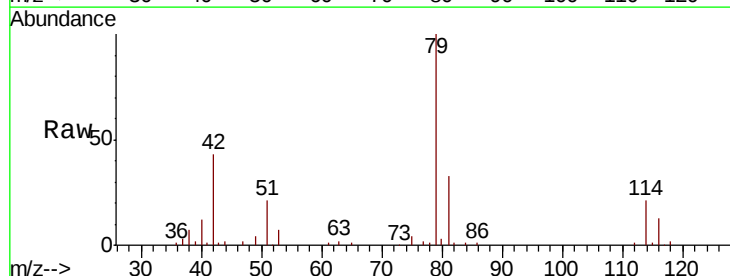
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 ClientSampleID :
 BFS70

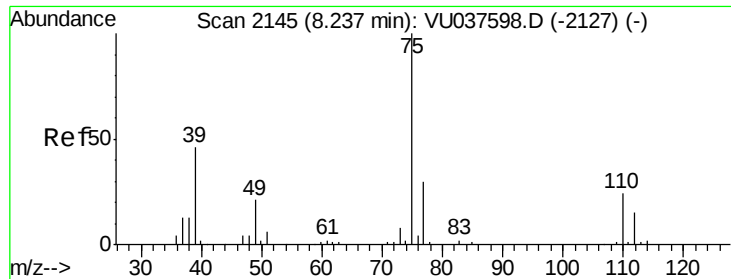
Tot Ion: 63 Resp: 7963
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.507 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037602.D
 Acq: 07 Apr 2020 12:10

Tgt Ion: 75 Resp: 2518
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.5 41.7#





#44

trans-1,3-Dichloropropene

Concen: 1.126 ug/L

RT: 8.20 min Scan# 2134

Delta R.T. -0.04 min

Lab File: VU037602.D

Acq: 07 Apr 2020 12:10

Instrument :

MSVOA_U

ClientSampled :

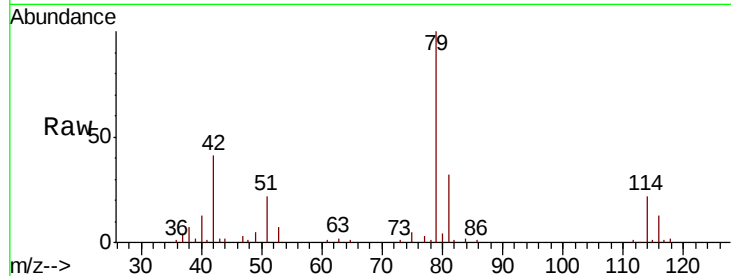
BFS70

Tot Ion: 75 Resp: 1854

Ion Ratio Lower Upper

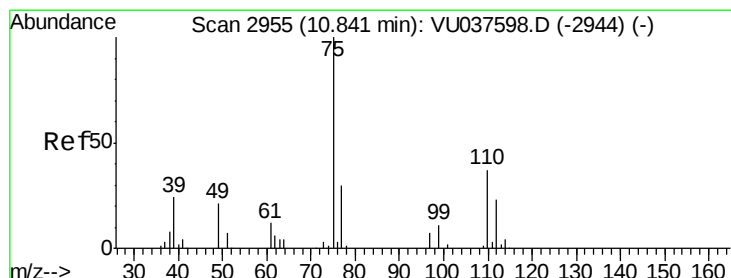
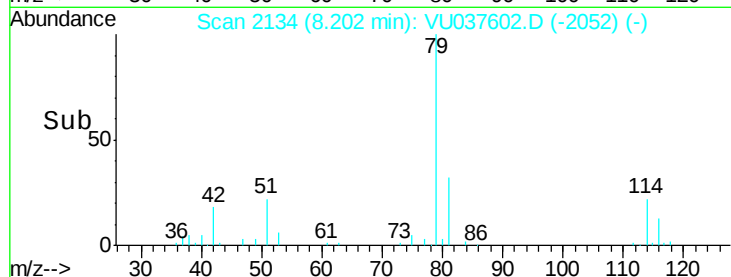
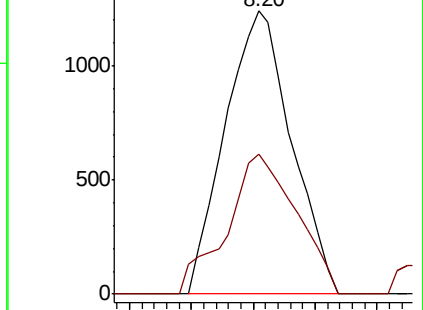
75 100

77 49.6 23.4 43.6#



Abundance Ion 75.00 (74.70 to 75.70): VU037598.D (-2127) (-)

Ion 77.00 (76.70 to 77.70): VU037598.D (-2127) (-)



#59

1,2,3-Trichloropropane

Concen: 7.231 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037602.D

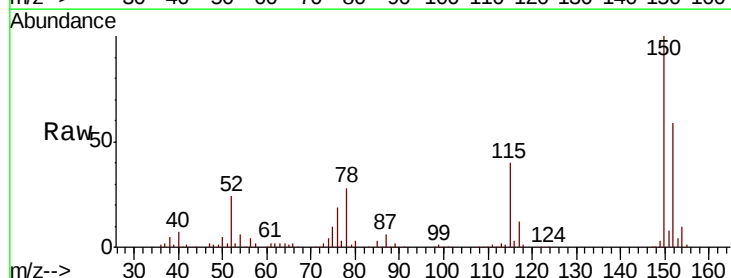
Acq: 07 Apr 2020 12:10

Tgt Ion: 75 Resp: 9947

Ion Ratio Lower Upper

75 100

77 36.1 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU037598.D (-2944) (-)

Ion 77.00 (76.70 to 77.70): VU037598.D (-2944) (-)

