

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
 Data File : VU030684.D
 Acq On : 04 Apr 2019 14:09
 Operator : JC/SP
 Sample : K2218-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF634

Quant Time: Apr 04 14:42:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 08:36:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	450107	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	441688	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	186316	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	189397	52.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.58%
7) Chloroethane-d5	1.68	69	149195	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.92%
11) 1,1-Dichloroethene-d2	2.27	63	264265	38.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.92%
21) 2-Butanone-d5	4.17	46	326009	95.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.74%
24) Chloroform-d	4.64	84	283416	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.82%
26) 1,2-Dichloroethane-d4	5.30	65	204131	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
32) Benzene-d6	5.34	84	607467	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
36) 1,2-Dichloropropane-d6	6.33	67	215270	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.34%
41) Toluene-d8	7.56	98	520528	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	7.85	79	92556	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.84%
47) 2-Hexanone-d5	8.31	63	202504	86.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.23%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288474	46.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	184464	49.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.82%

Target Compounds

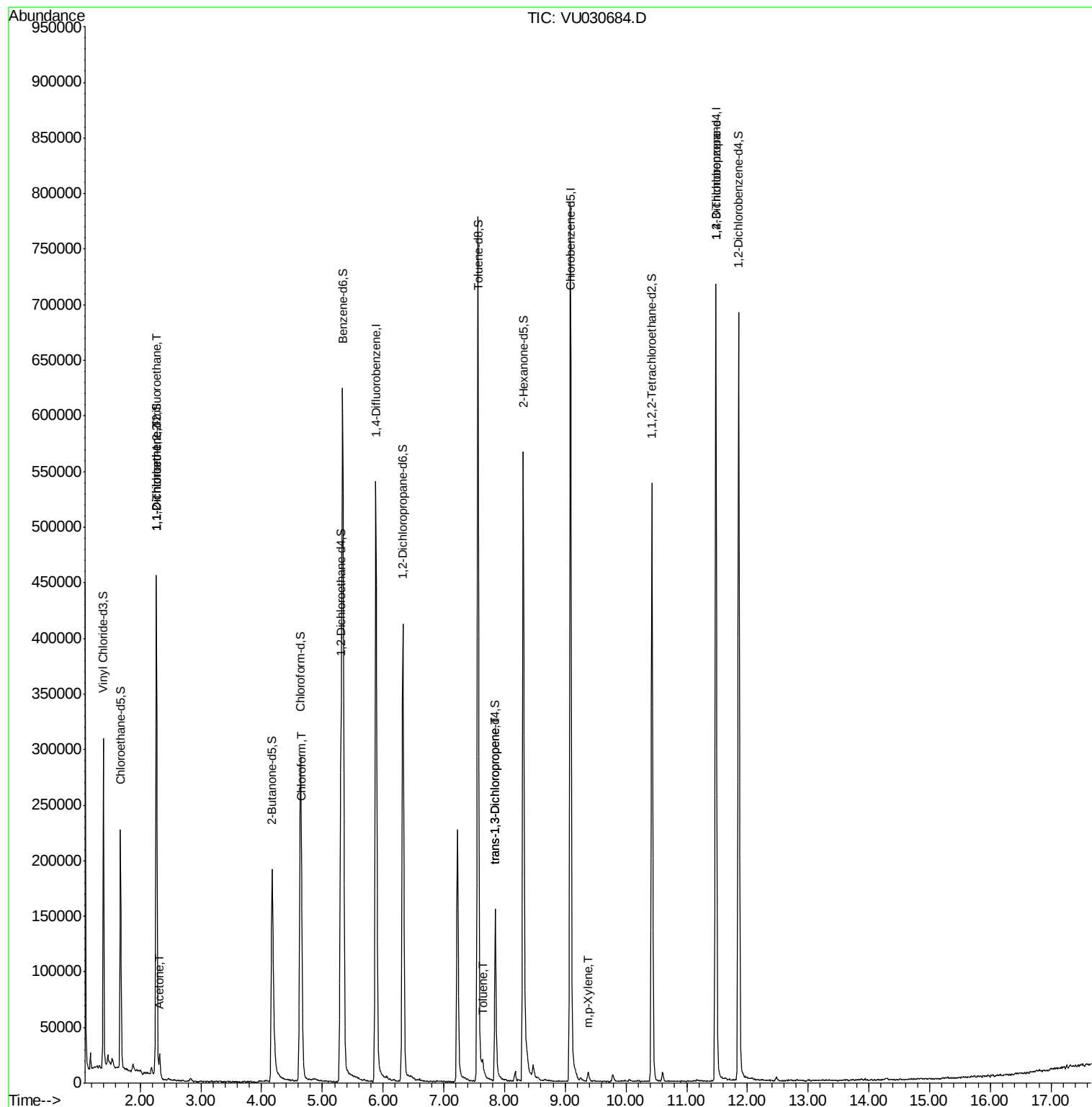
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2235	0.680 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2285	0.710 ug/L #	1
13) Acetone	2.32	43	20843	6.052 ug/L	100
25) Chloroform	4.67	83	20772	3.152 ug/L	100
42) Toluene	7.64	91	6160	0.395 ug/L	88
44) trans-1,3-Dichloropropene	7.85	75	3342	0.619 ug/L #	82
53) m,p-Xylene	9.38	106	2555	0.419 ug/L	70
59) 1,2,3-Trichloropropane	11.48	75	24105	4.641 ug/L	90

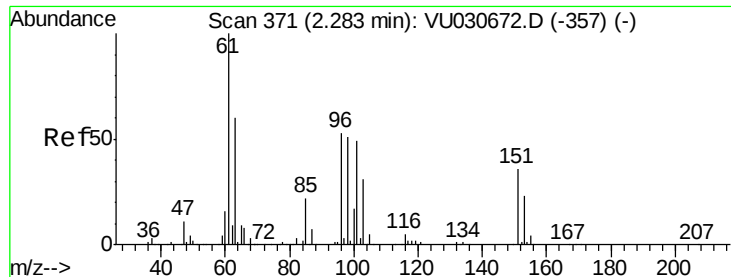
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU040419\
Data File : VU030684.D
Acq On : 04 Apr 2019 14:09
Operator : JC/SP
Sample : K2218-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 62 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF634

Quant Time: Apr 04 14:42:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 08:36:56 2019
Response via : Initial Calibration





#10

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

Concen: 0.680 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030684.D

Acq: 04 Apr 2019 14:09

Instrument :

MSVOA_U

ClientSampleId :

BF634

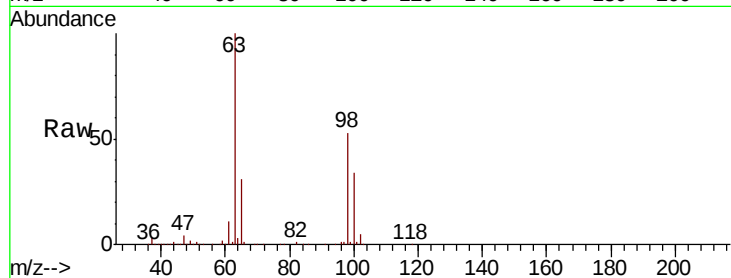
Tgt Ion: 101 Resp: 2235

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

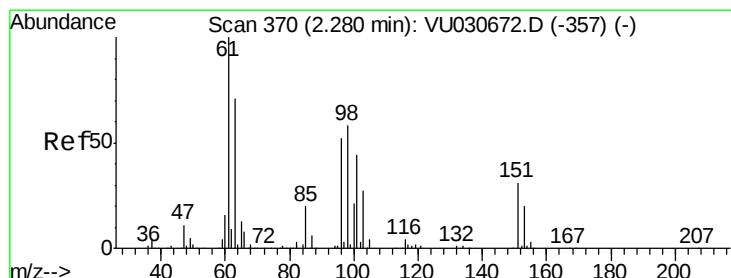
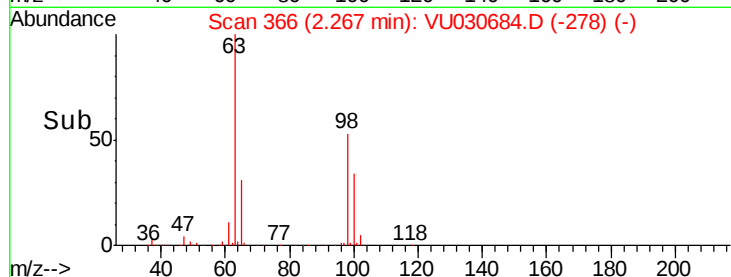
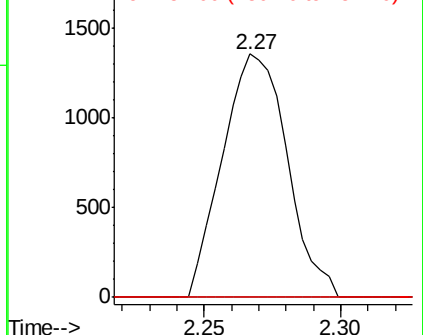
151 0.0 56.6 85.0#



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: 0.710 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030684.D

Acq: 04 Apr 2019 14:09

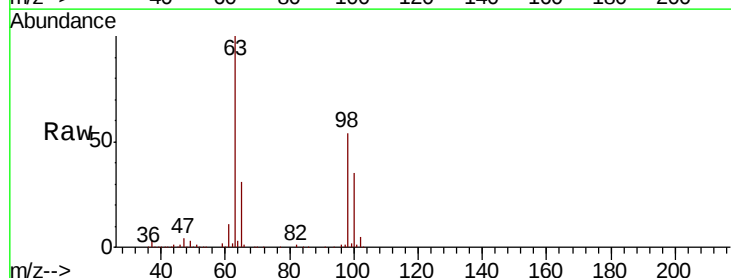
Tgt Ion: 96 Resp: 2285

Ion Ratio Lower Upper

96 100

61 1323.2 131.0 243.4#

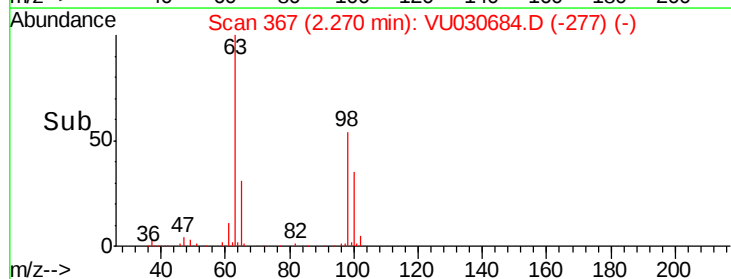
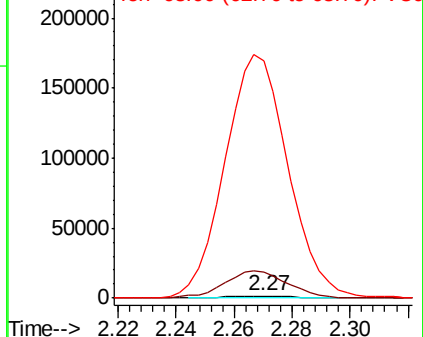
63 11936.7 92.4 171.6#

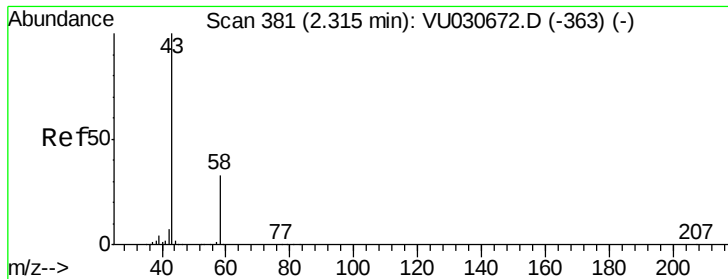


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 6.052 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU030684.D

Acq: 04 Apr 2019 14:09

Instrument :

MSVOA_U

ClientSampleId :

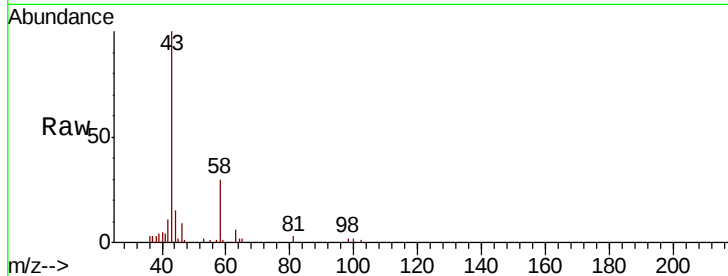
BF634

Tgt Ion: 43 Resp: 20843

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030684.D (-290) (-)

Ion 58.00 (57.70 to 58.70): VU030684.D (-290) (-)

2.32

15000

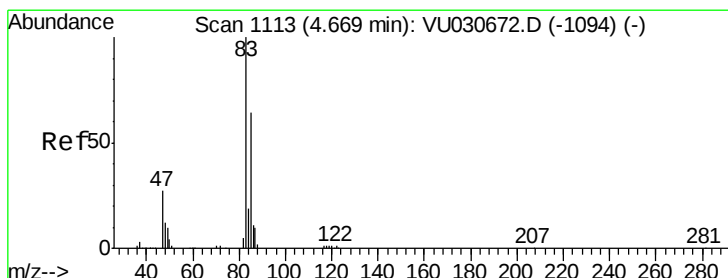
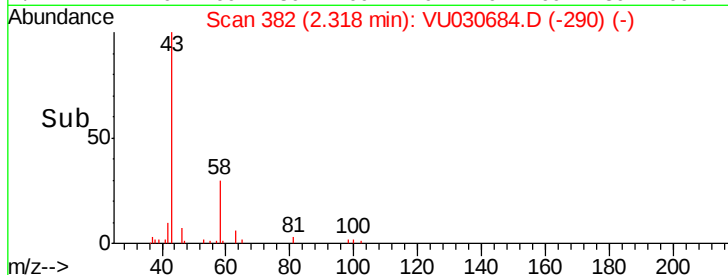
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#25

Chloroform

Concen: 3.152 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030684.D

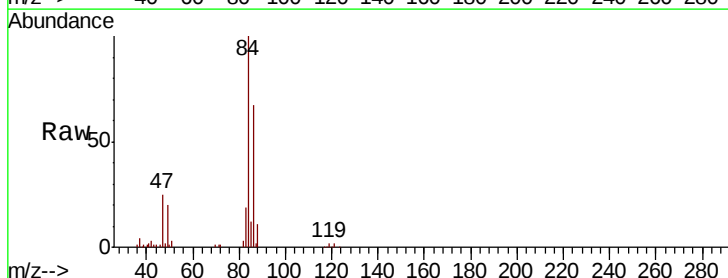
Acq: 04 Apr 2019 14:09

Tgt Ion: 83 Resp: 20772

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VU030684.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VU030684.D (-1020) (-)

4.67

8000

6000

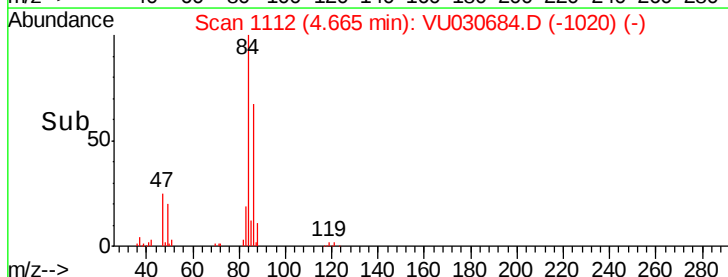
4000

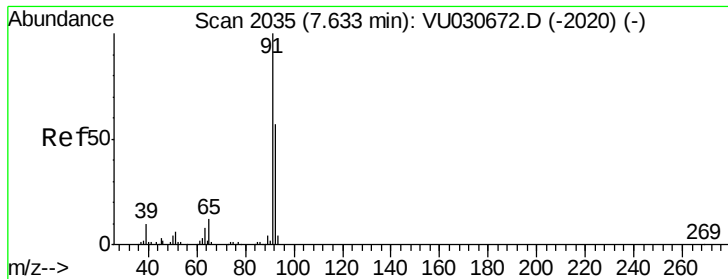
2000

0

Time-->

4.60 4.65 4.70 4.75





#42

Toluene

Concen: 0.395 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. 0.01 min

Lab File: VU030684.D

Acq: 04 Apr 2019 14:09

Instrument :

MSVOA_U

ClientSampleId :

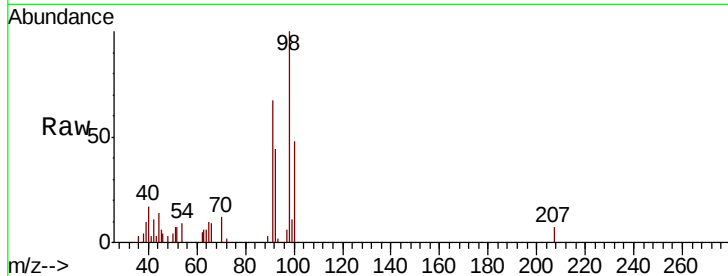
BF634

Tgt Ion: 91 Resp: 6160

Ion Ratio Lower Upper

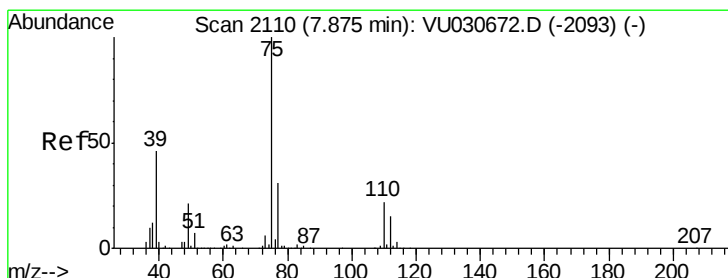
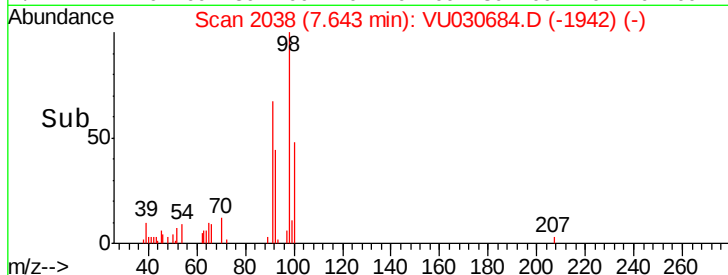
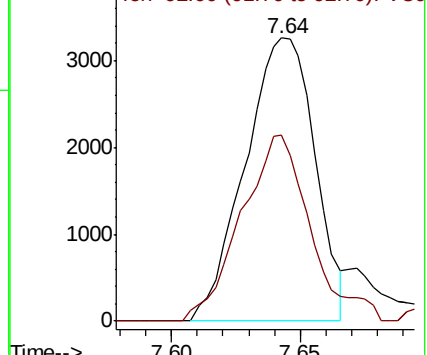
91 100

92 65.8 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU030672.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU030672.D (-2020) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.619 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030684.D

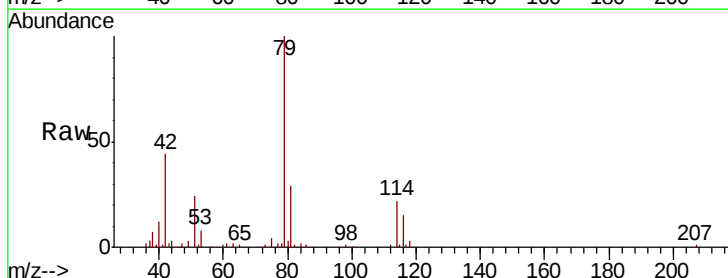
Acq: 04 Apr 2019 14:09

Tgt Ion: 75 Resp: 3342

Ion Ratio Lower Upper

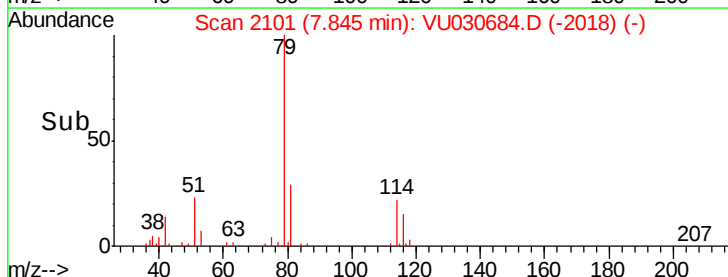
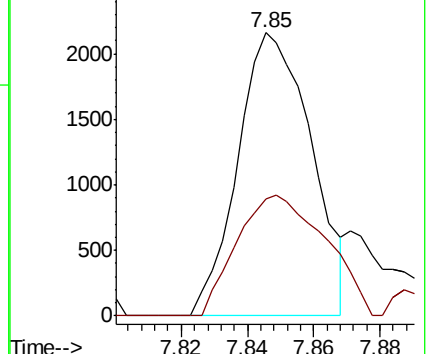
75 100

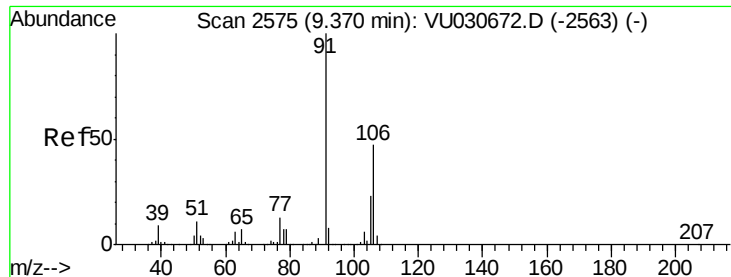
77 41.2 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VU030672.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030672.D (-2093) (-)





#53

m,p-Xylene

Concen: 0.419 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU030684.D

Acq: 04 Apr 2019 14:09

Instrument :

MSVOA_U

ClientSampleId :

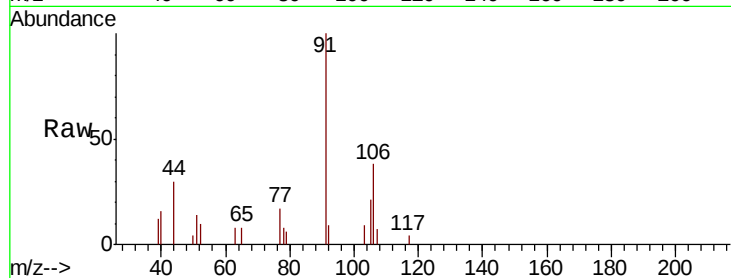
BF634

Tgt Ion: 106 Resp: 2555

Ion Ratio Lower Upper

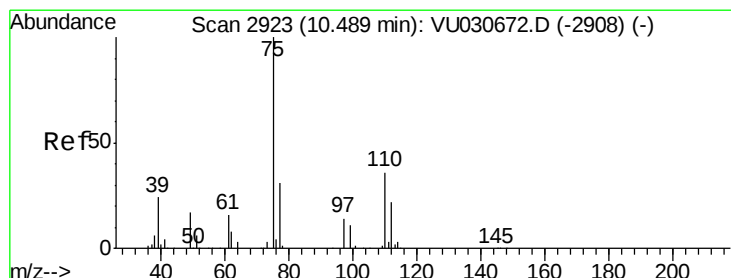
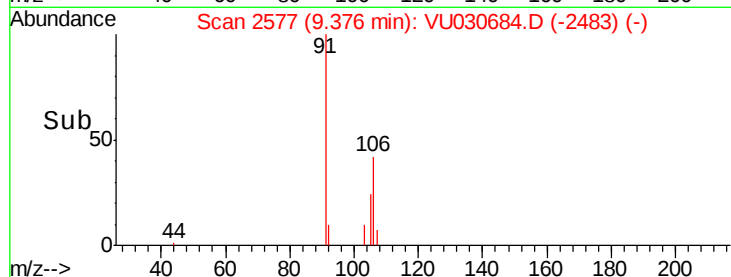
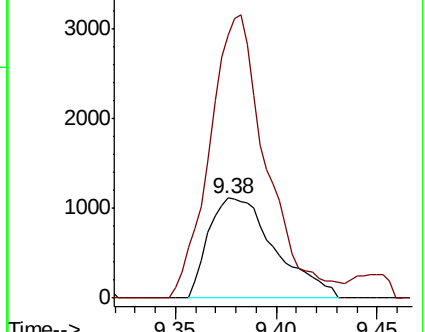
106 100

91 263.8 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): VU030672.D (-2563) (-)

Ion 91.00 (90.70 to 91.70): VU030672.D (-2563) (-)



#59

1,2,3-Trichloropropane

Concen: 4.641 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030684.D

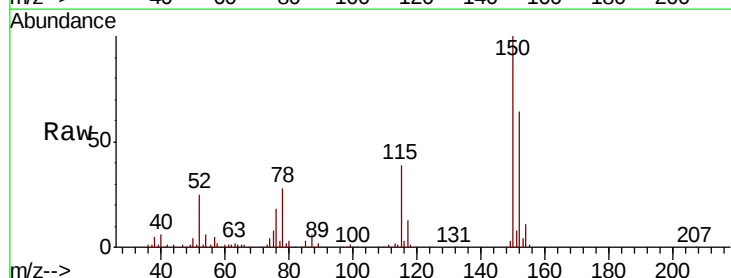
Acq: 04 Apr 2019 14:09

Tgt Ion: 75 Resp: 24105

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU030672.D (-2908) (-)

Ion 77.00 (76.70 to 77.70): VU030672.D (-2908) (-)

