

Data File : VU028854.D
Acq On : 21 Dec 2018 03:08
Operator : MD/SY
Sample : J6513-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F68

Quant Time: Dec 21 06:04:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	219122	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	198945	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83552	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71406	40.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.30%
7) Chloroethane-d5	1.67	69	60142	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.64%
11) 1,1-Dichloroethene-d2	2.27	63	93337	31.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.18%
21) 2-Butanone-d5	4.18	46	126069	102.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.43%
24) Chloroform-d	4.65	84	125542	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.90%
26) 1,2-Dichloroethane-d4	5.31	65	79589	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
32) Benzene-d6	5.34	84	272595	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.33	67	95906	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.46%
41) Toluene-d8	7.56	98	237279	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	7.85	79	40192	46.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.96%
47) 2-Hexanone-d5	8.31	63	100105	110.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132007	49.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	85732	50.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.46%

Target Compounds

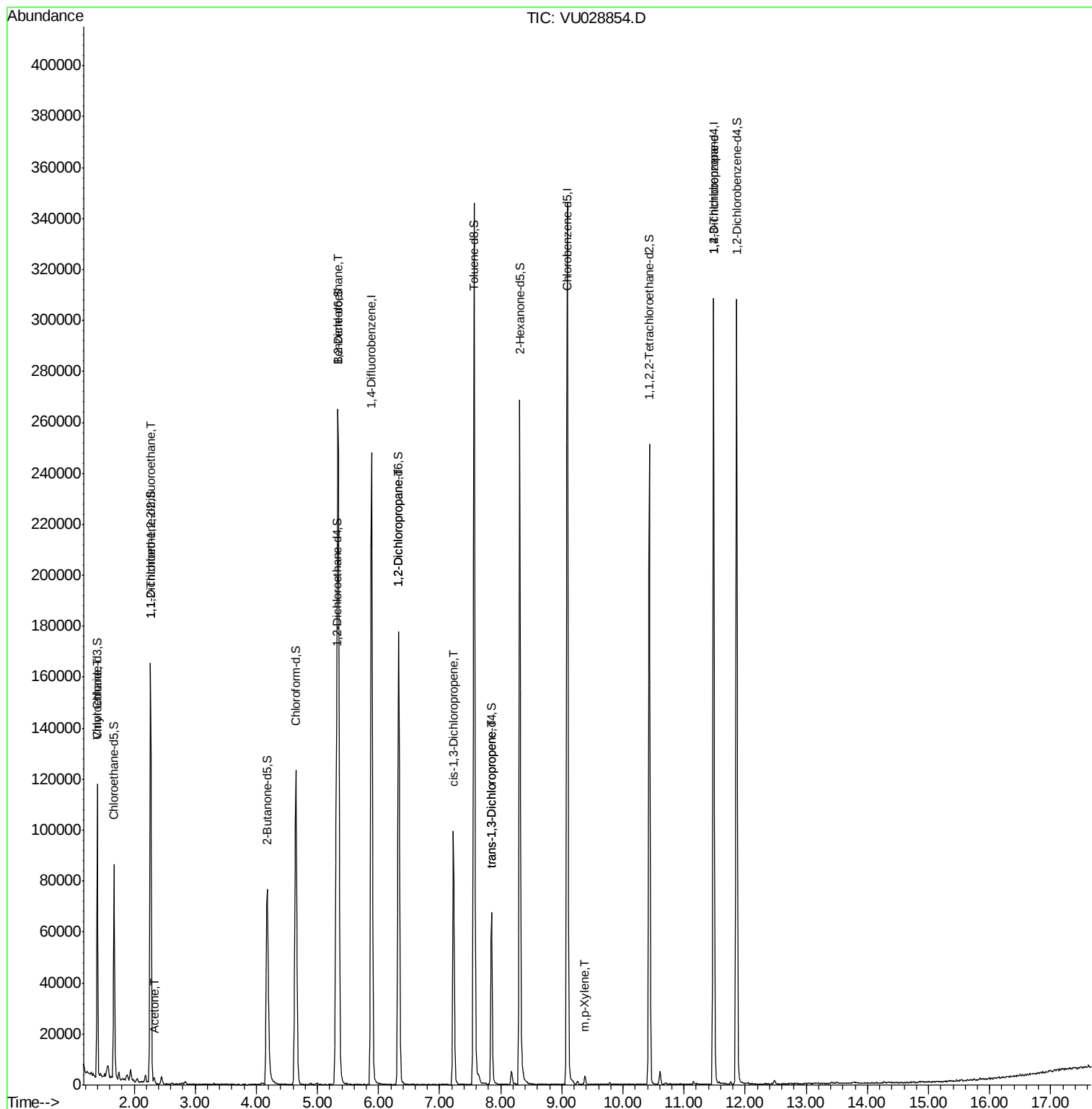
					Qvalue
8) Chloroethane	1.40	64	1003	0.819 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	887	0.625 ug/L #	20
13) Acetone	2.32	43	894	0.713 ug/L	65
27) 1,2-Dichloroethane	5.34	62	1260	0.602 ug/L #	74
37) 1,2-Dichloropropane	6.33	63	9049	5.111 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	2012	0.797 ug/L #	59
44) trans-1,3-Dichloropropene	7.85	75	1350	0.600 ug/L	92
53) m,p-Xylene	9.38	106	1218	0.477 ug/L	88
59) 1,2,3-Trichloropropane	11.48	75	9368	4.434 ug/L	93

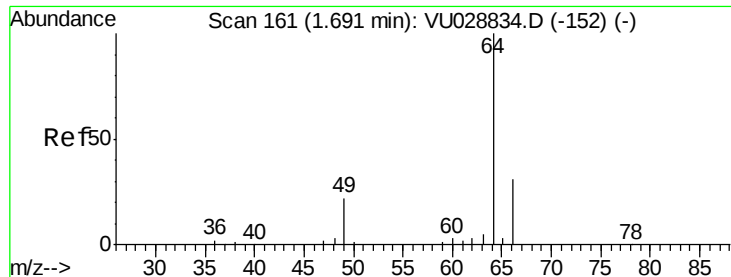
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU028854.D
Acq On : 21 Dec 2018 03:08
Operator : MD/SY
Sample : J6513-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F68

Quant Time: Dec 21 06:04:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.819 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.29 min

Lab File: VU028854.D

Acq: 21 Dec 2018 03:08

Instrument :

MSVOA_U

ClientSampleId :

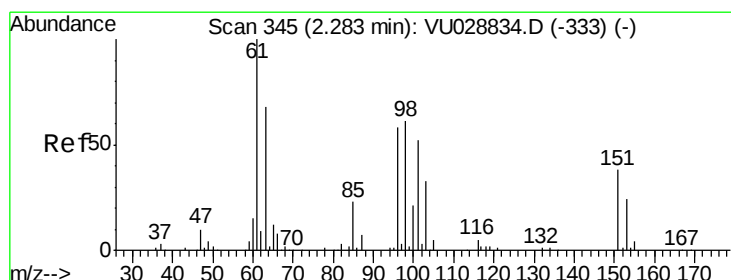
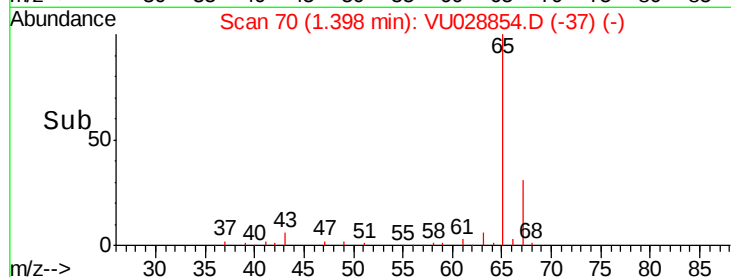
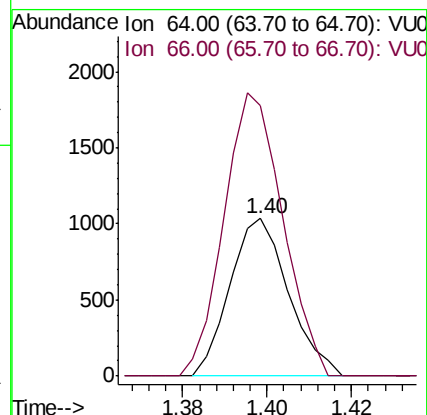
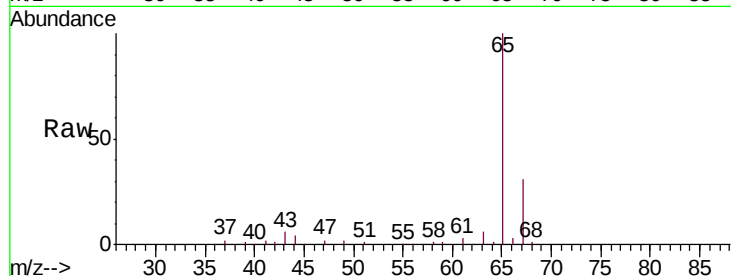
F9F68

Tgt Ion: 64 Resp: 1003

Ion Ratio Lower Upper

64 100

66 171.7 21.5 39.9#



#10

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

Concen: 0.625 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU028854.D

Acq: 21 Dec 2018 03:08

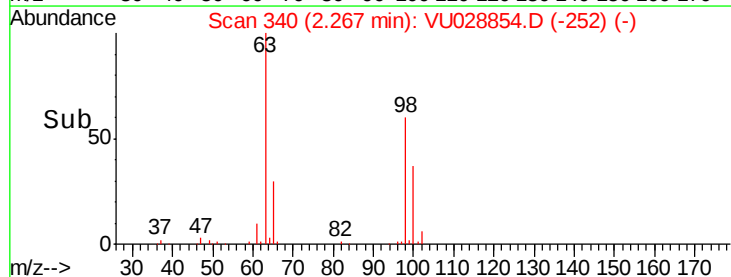
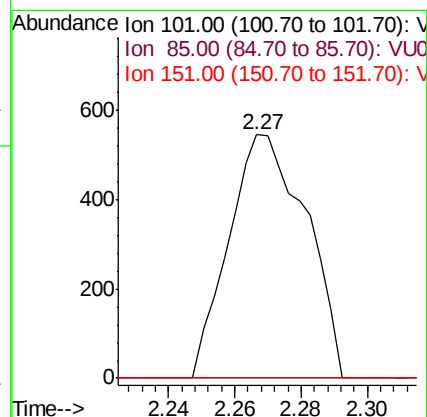
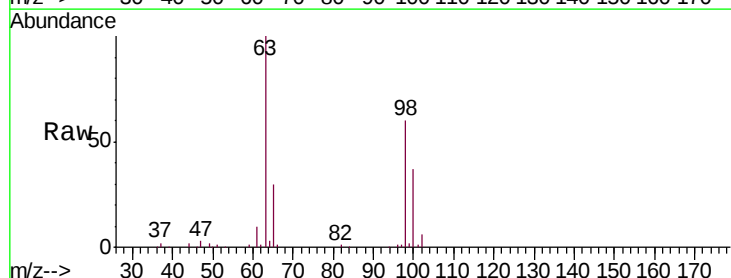
Tgt Ion: 101 Resp: 887

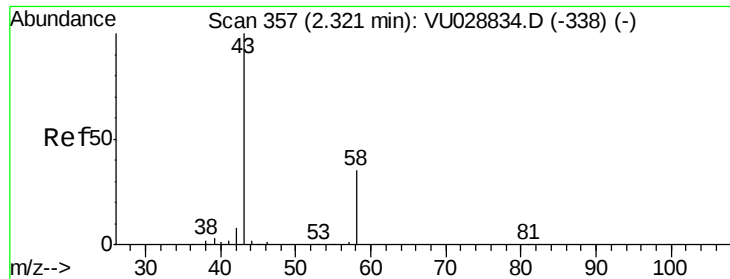
Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 59.4 89.0#





#13

Acetone

Concen: 0.713 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028854.D

Acq: 21 Dec 2018 03:08

Instrument :

MSVOA_U

ClientSampleId :

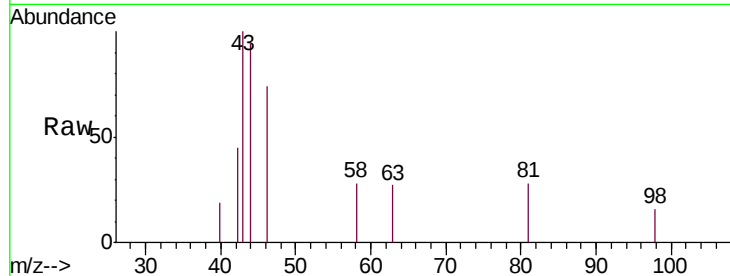
F9F68

Tgt Ion: 43 Resp: 894

Ion Ratio Lower Upper

43 100

58 15.0 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

600

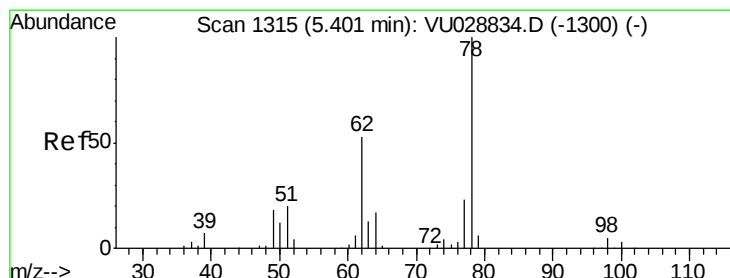
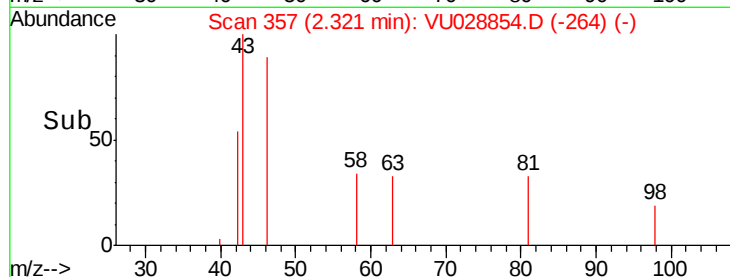
400

200

0

Time-->

2.28 2.30 2.32 2.34 2.36



#27

1,2-Dichloroethane

Concen: 0.602 ug/L

RT: 5.34 min Scan# 1295

Delta R.T. -0.06 min

Lab File: VU028854.D

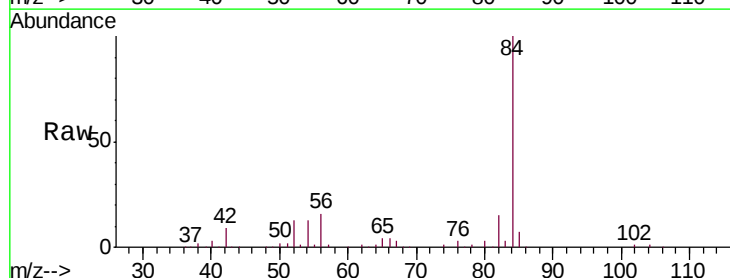
Acq: 21 Dec 2018 03:08

Tgt Ion: 62 Resp: 1260

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.34

600

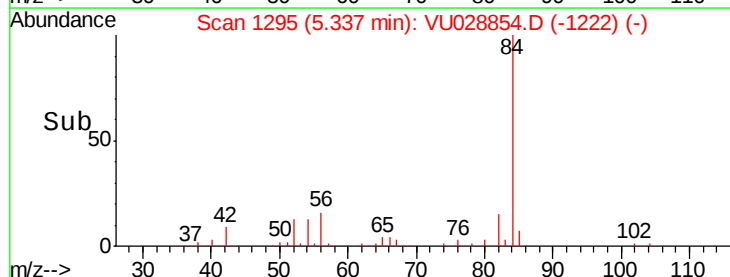
400

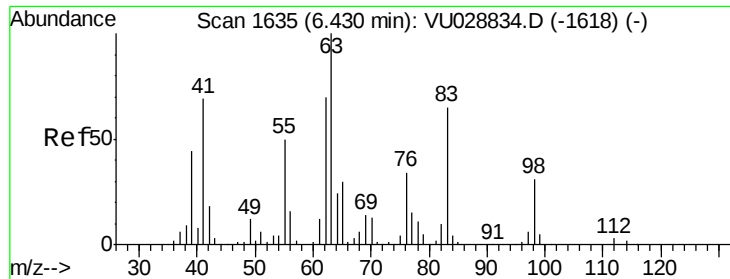
200

0

Time-->

5.30 5.35

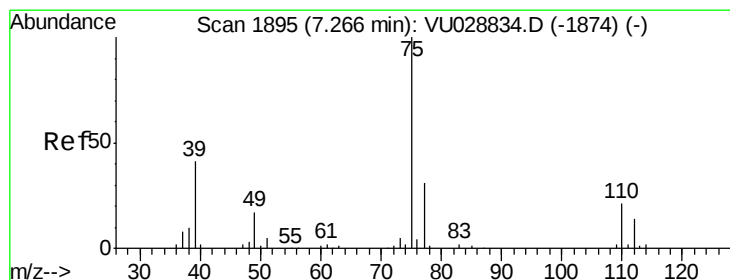
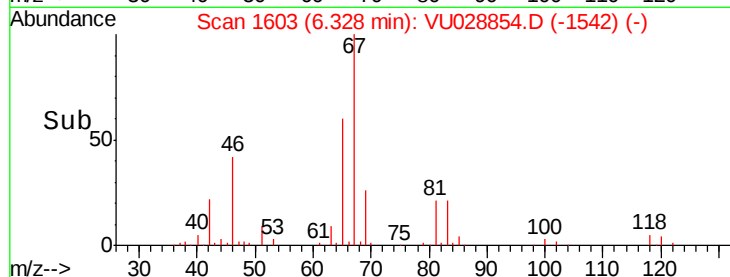
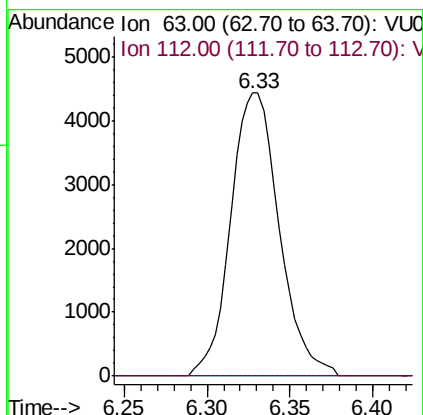
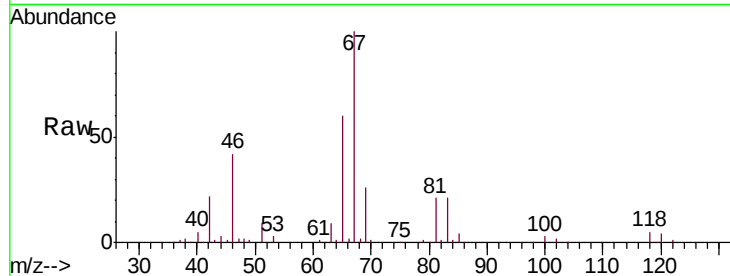




#37
 1,2-Dichloropropane
 Concen: 5.111 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU028854.D
 Acq: 21 Dec 2018 03:08

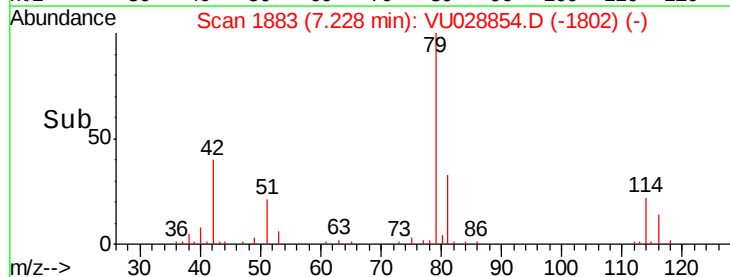
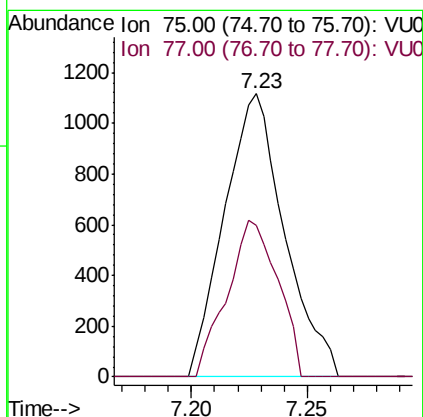
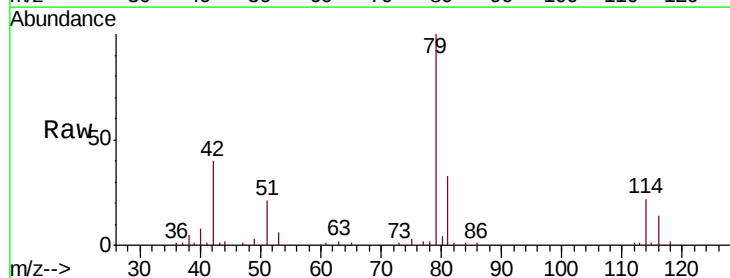
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F68

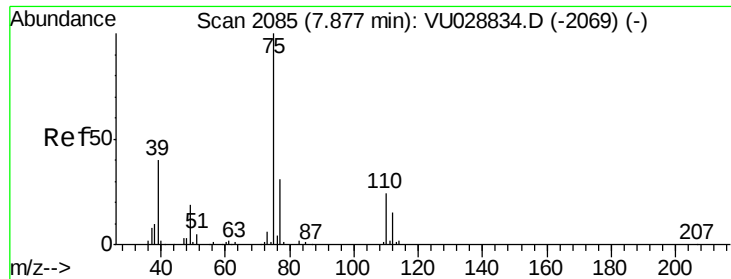
Tgt Ion: 63 Resp: 9049
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.797 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028854.D
 Acq: 21 Dec 2018 03:08

Tgt Ion: 75 Resp: 2012
 Ion Ratio Lower Upper
 75 100
 77 53.6 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.600 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028854.D

Acq: 21 Dec 2018 03:08

Instrument :

MSVOA_U

ClientSampleId :

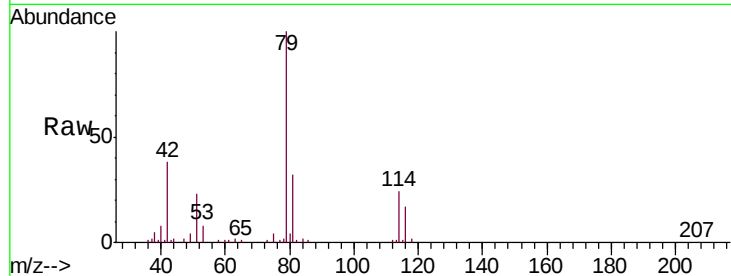
F9F68

Tgt Ion: 75 Resp: 1350

Ion Ratio Lower Upper

75 100

77 35.5 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU028854.D (-1992) (-)

Ion 77.00 (76.70 to 77.70): VU028854.D (-1992) (-)

7.85

800

600

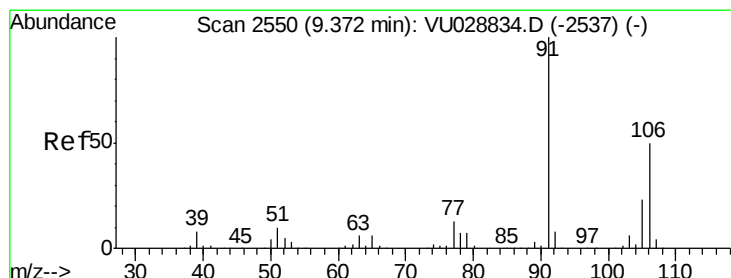
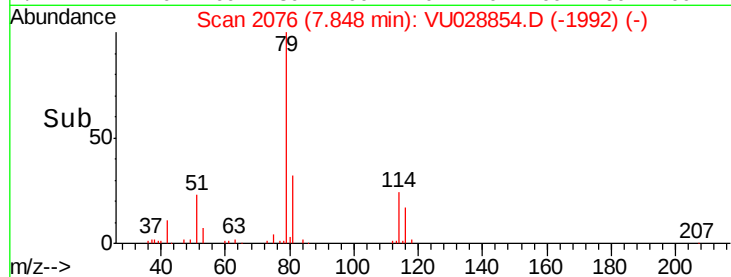
400

200

0

7.82 7.84 7.86 7.88

Time-->



#53

m,p-Xylene

Concen: 0.477 ug/L

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU028854.D

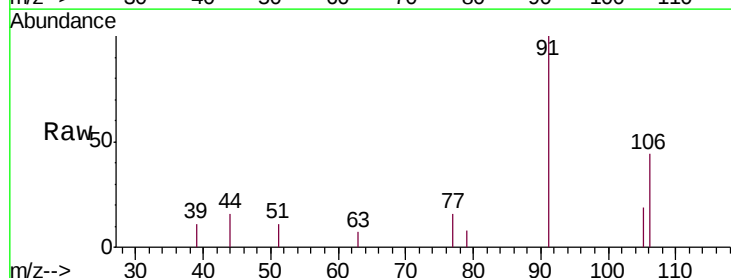
Acq: 21 Dec 2018 03:08

Tgt Ion: 106 Resp: 1218

Ion Ratio Lower Upper

106 100

91 224.9 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): VU028854.D (-2457) (-)

Ion 91.00 (90.70 to 91.70): VU028854.D (-2457) (-)

9.38

1500

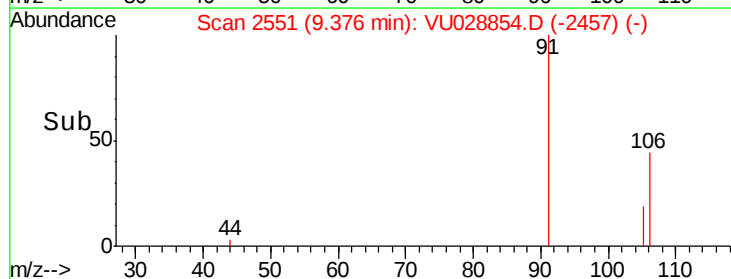
1000

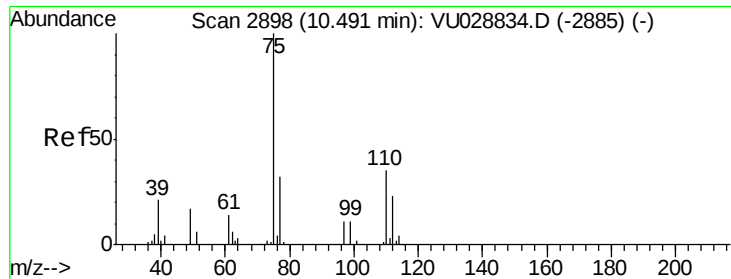
500

0

9.34 9.36 9.38 9.40 9.42

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.434 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU028854.D

Acq: 21 Dec 2018 03:08

Instrument :

MSVOA_U

ClientSampleId :

F9F68

Tgt Ion: 75 Resp: 9368

Ion Ratio Lower Upper

75 100

77 36.0 25.5 38.3

