

Data File : VU027842.D
Acq On : 26 Oct 2018 18:33
Operator : MD/SY
Sample : J5668-23MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBS1MSD

Quant Time: Oct 27 01:50:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 01:41:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	122535	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	112301	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51844	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27662	29.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.02%#
7) Chloroethane-d5	1.67	69	24700	33.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.30%#
11) 1,1-Dichloroethene-d2	2.28	63	61574	35.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.72%
21) 2-Butanone-d5	4.18	46	77590	95.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.50%
24) Chloroform-d	4.65	84	63642	37.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.26%
26) 1,2-Dichloroethane-d4	5.31	65	46849	39.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.94%
32) Benzene-d6	5.34	84	122313	38.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.48%
36) 1,2-Dichloropropane-d6	6.33	67	45690	40.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.02%
41) Toluene-d8	7.57	98	108545	36.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.58%#
43) trans-1,3-Dichloropropene-	7.85	79	20439	36.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.72%
47) 2-Hexanone-d5	8.31	63	56594	96.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63747	43.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	41804	39.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.74%#

Target Compounds

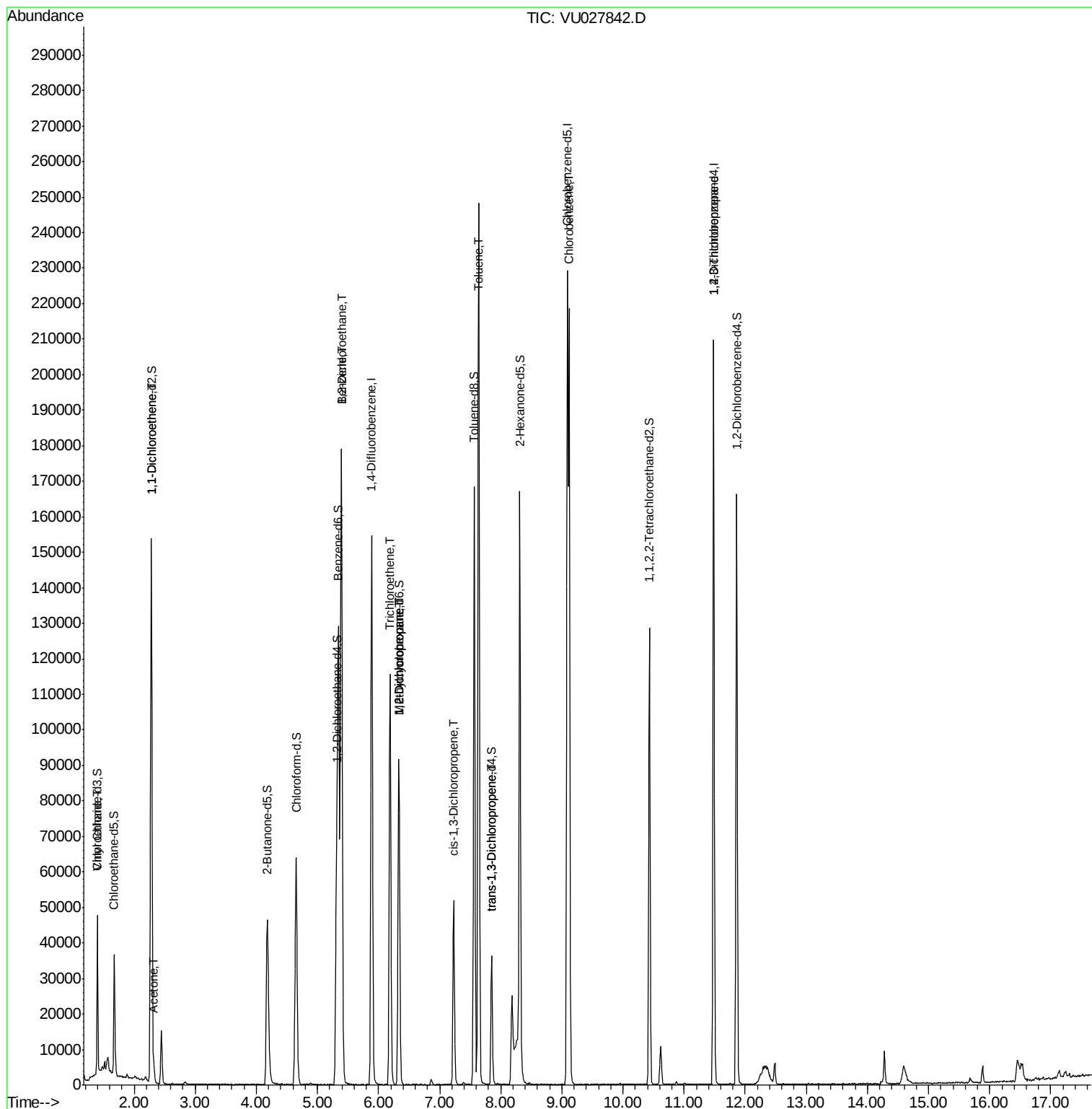
					Qvalue
8) Chloroethane	1.40	64	2365	3.960	ug/L 91
12) 1,1-Dichloroethene	2.29	96	32076	46.979	ug/L 88
13) Acetone	2.32	43	4765	8.419	ug/L 95
27) 1,2-Dichloroethane	5.39	62	1612	1.168	ug/L # 78
33) Benzene	5.39	78	168229	50.356	ug/L 100
34) Trichloroethene	6.19	95	40940	48.950	ug/L 99
35) Methylcyclohexane	6.33	83	9803	6.777	ug/L # 14
37) 1,2-Dichloropropane	6.33	63	4967	5.032	ug/L # 90
39) cis-1,3-Dichloropropene	7.23	75	1150	0.757	ug/L # 58
42) Toluene	7.64	91	174980	50.012	ug/L 100
44) trans-1,3-Dichloropropene	7.85	75	816	0.568	ug/L 99
51) Chlorobenzene	9.12	112	102740	47.897	ug/L 97
59) 1,2,3-Trichloropropane	11.48	75	6369	5.460	ug/L 89

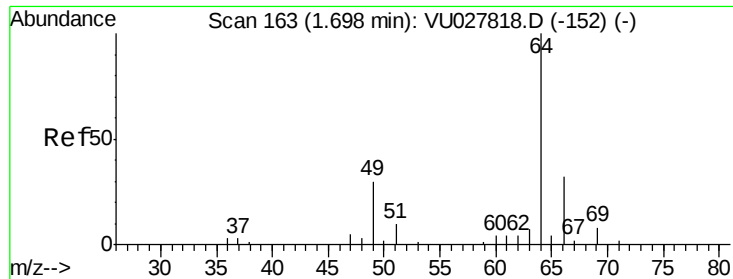
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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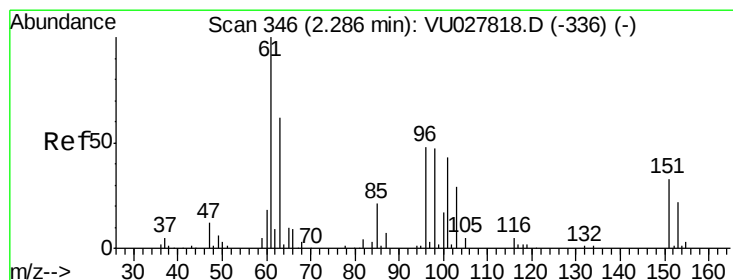
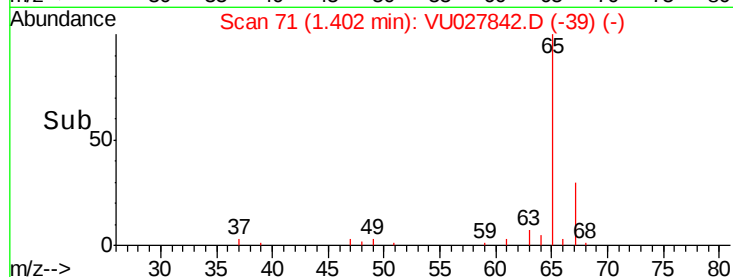
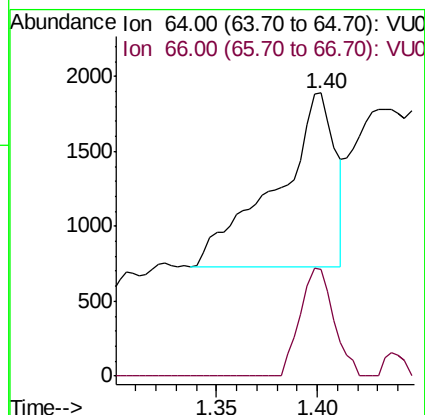
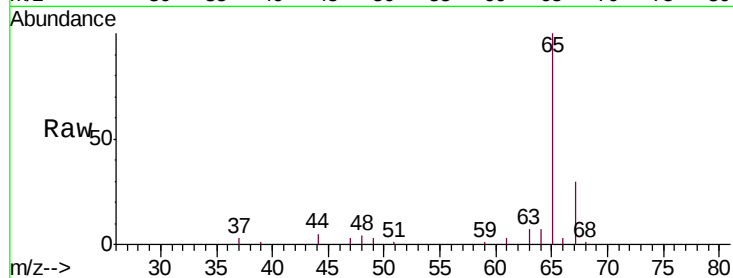




#8
 Chloroethane
 Concen: 3.960 ug/L
 RT: 1.40 min Scan# 71
 Delta R.T. -0.30 min
 Lab File: VU027842.D
 Acq: 26 Oct 2018 18:33

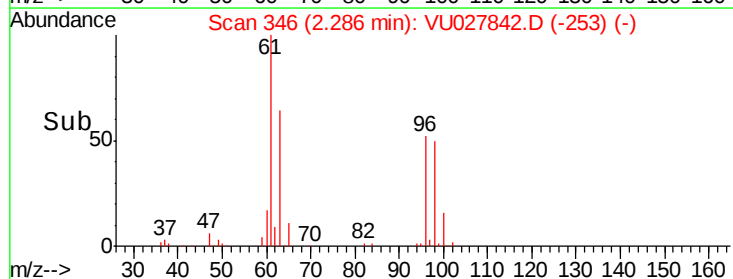
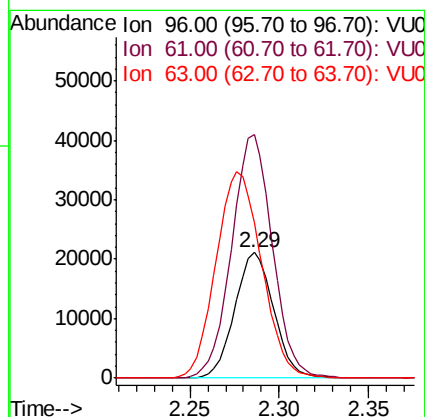
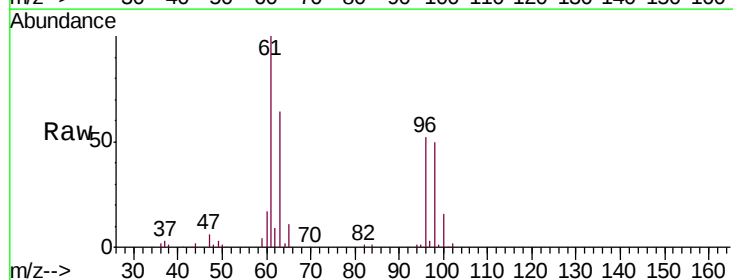
Instrument :
 MSVOA_U
 ClientSampleId :
 ETBS1MSD

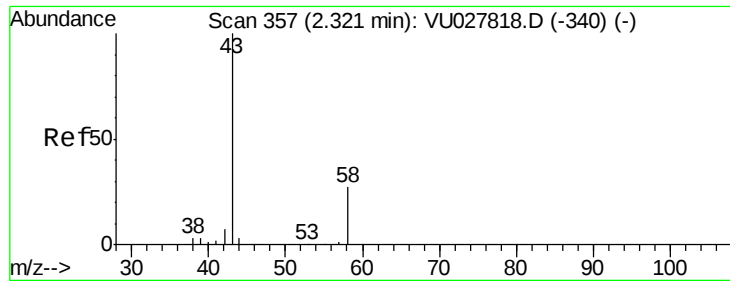
Tgt Ion: 64 Resp: 2365
 Ion Ratio Lower Upper
 64 100
 66 37.6 22.6 42.0



#12
 1,1-Dichloroethene
 Concen: 46.979 ug/L
 RT: 2.29 min Scan# 346
 Delta R.T. -0.00 min
 Lab File: VU027842.D
 Acq: 26 Oct 2018 18:33

Tgt Ion: 96 Resp: 32076
 Ion Ratio Lower Upper
 96 100
 61 193.8 137.3 255.1
 63 123.5 109.8 204.0





#13

Acetone

Concen: 8.419 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027842.D

Acq: 26 Oct 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

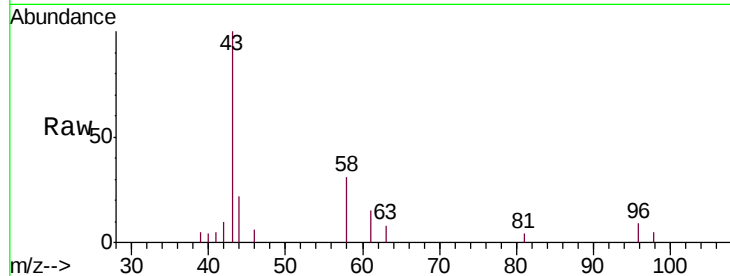
ETBS1MSD

Tgt Ion: 43 Resp: 4765

Ion Ratio Lower Upper

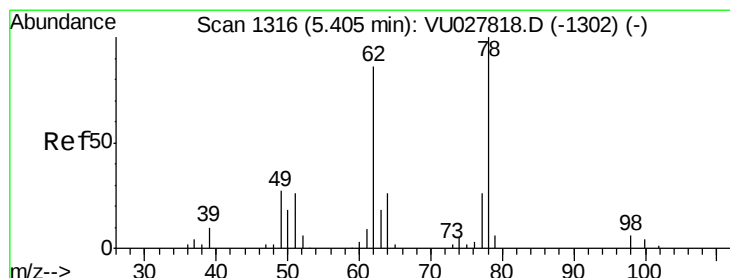
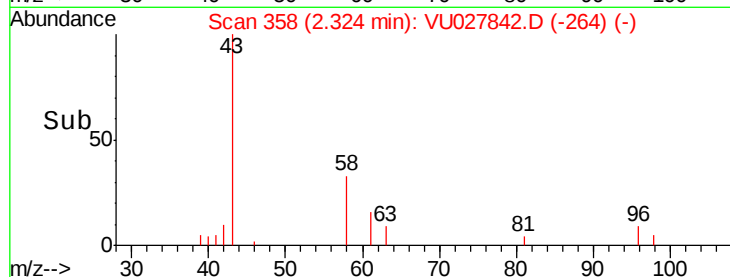
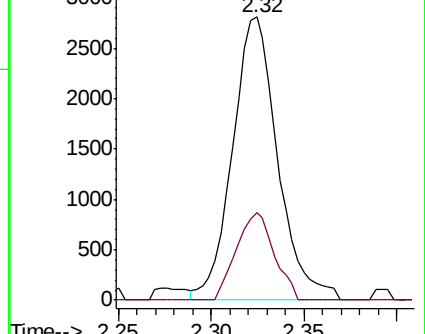
43 100

58 25.8 0.0 57.4



Abundance Ion 43.00 (42.70 to 43.70): VU027818.D (-340) (-)

Ion 58.00 (57.70 to 58.70): VU027818.D (-340) (-)



#27

1,2-Dichloroethane

Concen: 1.168 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. -0.01 min

Lab File: VU027842.D

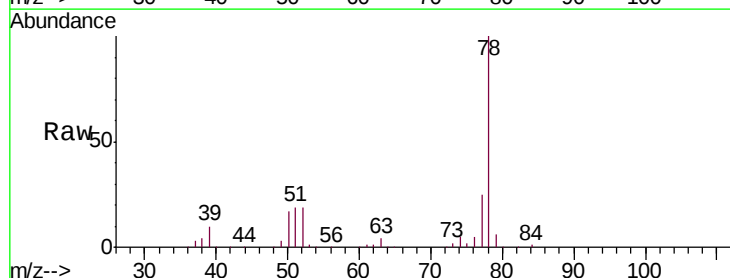
Acq: 26 Oct 2018 18:33

Tgt Ion: 62 Resp: 1612

Ion Ratio Lower Upper

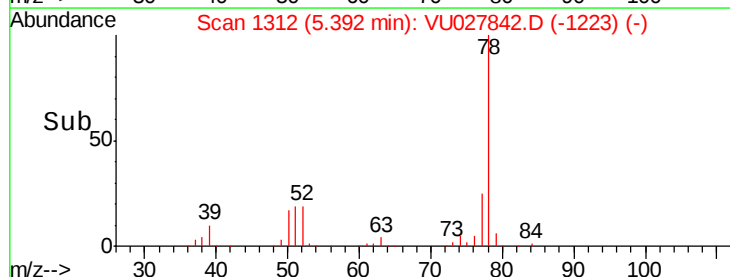
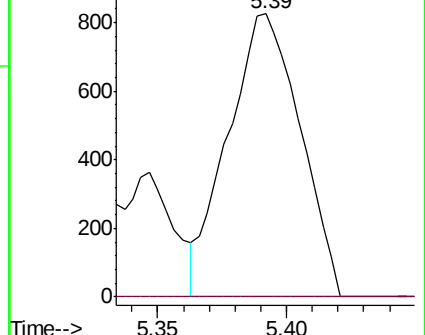
62 100

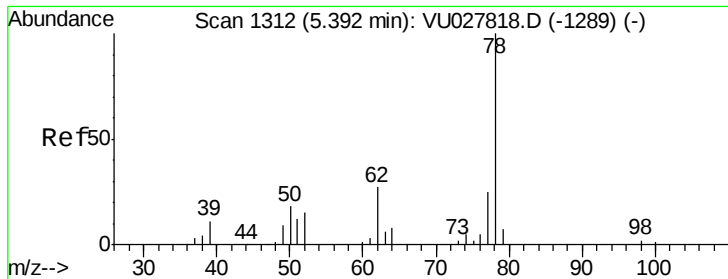
98 0.0 6.3 9.5#



Abundance Ion 62.00 (61.70 to 62.70): VU027818.D (-1302) (-)

Ion 98.00 (97.70 to 98.70): VU027818.D (-1302) (-)





#33

Benzene

Concen: 50.356 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU027842.D

Acq: 26 Oct 2018 18:33

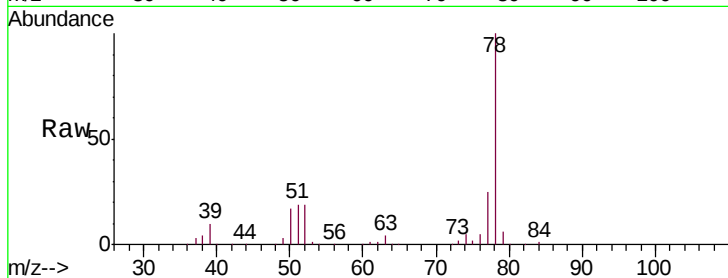
Instrument :

MSVOA_U

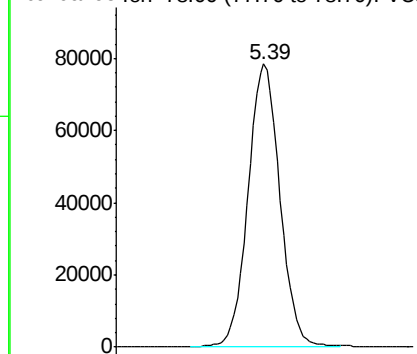
ClientSampleId :

ETBS1MSD

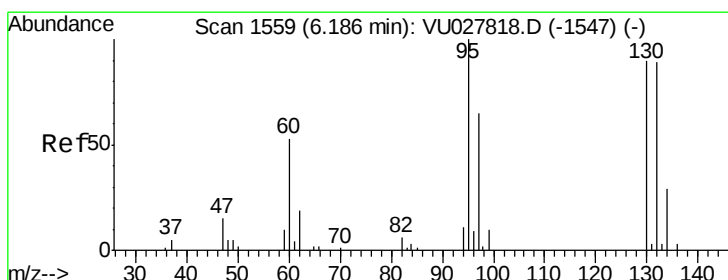
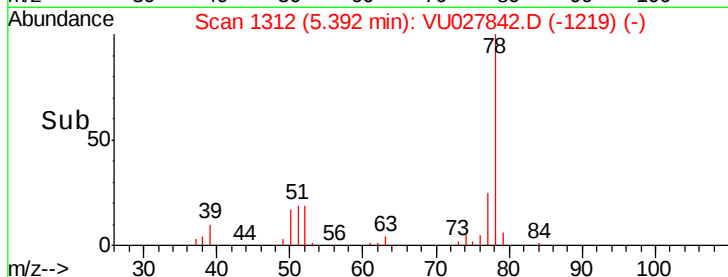
Tgt Ion: 78 Resp: 168229



Abundance Ion 78.00 (77.70 to 78.70): VU0



Time-->



#34

Trichloroethene

Concen: 48.950 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027842.D

Acq: 26 Oct 2018 18:33

Tgt Ion: 95 Resp: 40940

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.8	85.2
132	87.0	62.1	115.3
130	93.3	65.0	120.6

95 100

97 64.9 45.8 85.2

132 87.0 62.1 115.3

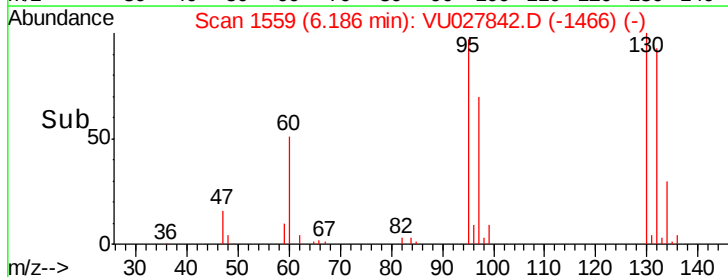
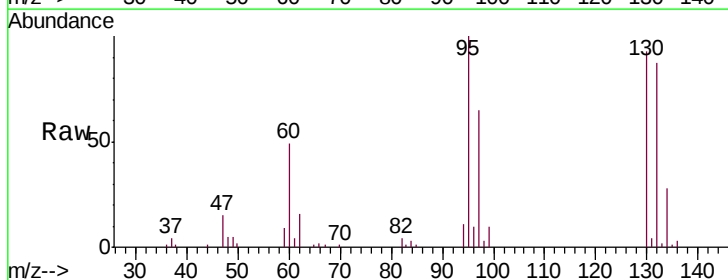
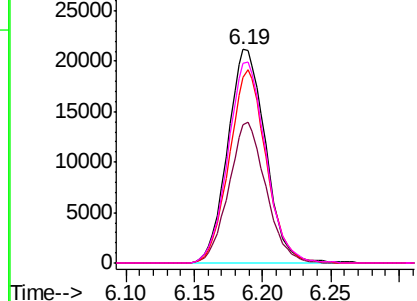
130 93.3 65.0 120.6

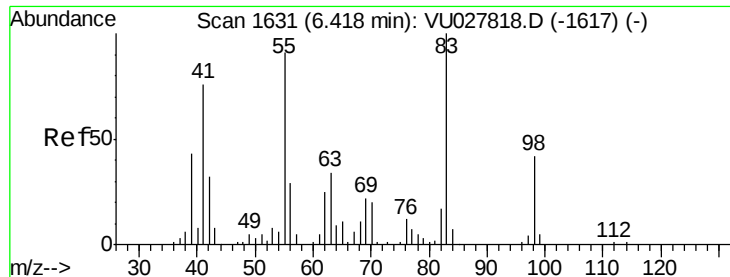
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

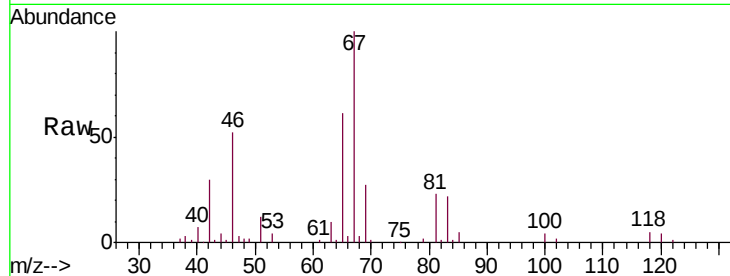




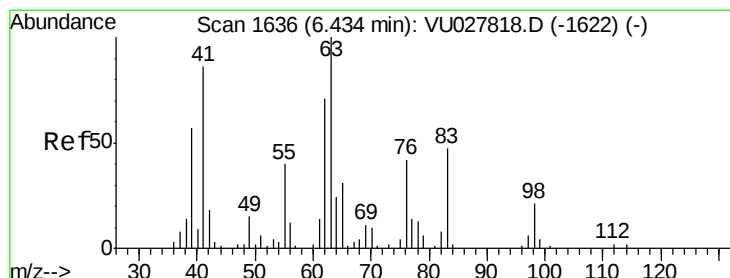
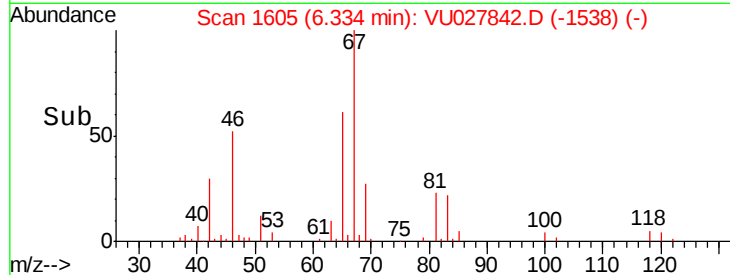
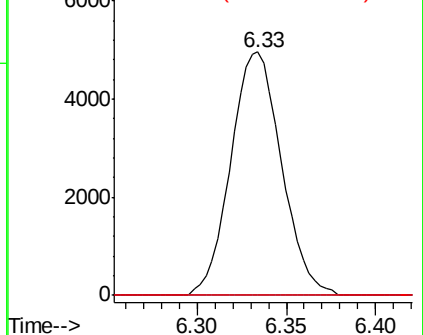
#35
Methylcyclohexane
Concen: 6.777 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027842.D
Acq: 26 Oct 2018 18:33

Instrument :
MSVOA_U
ClientSampleId :
ETBS1MSD

Tgt Ion: 83 Resp: 9803
Ion Ratio Lower Upper
83 100
55 0.0 71.9 107.9#
98 0.0 34.6 52.0#

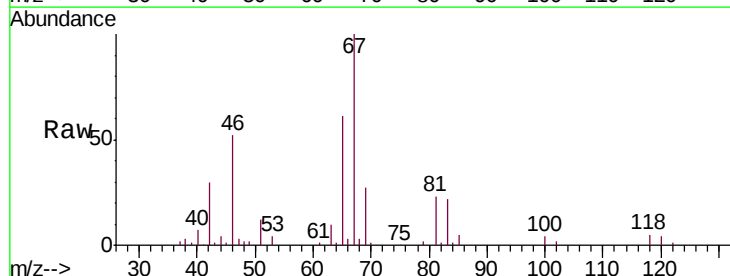


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

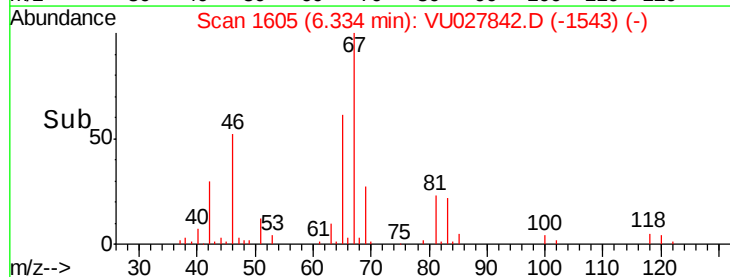
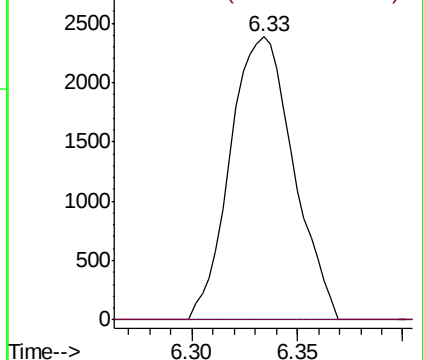


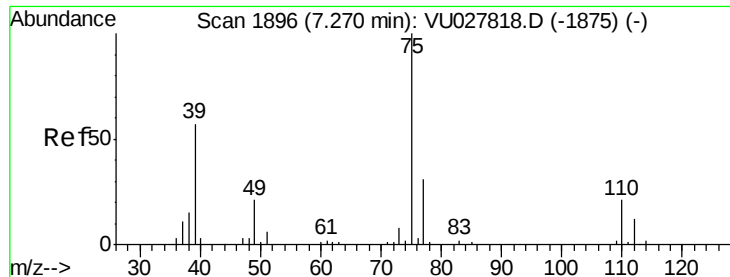
#37
1,2-Dichloropropane
Concen: 5.032 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027842.D
Acq: 26 Oct 2018 18:33

Tgt Ion: 63 Resp: 4967
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



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: 0.757 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU027842.D

Acq: 26 Oct 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

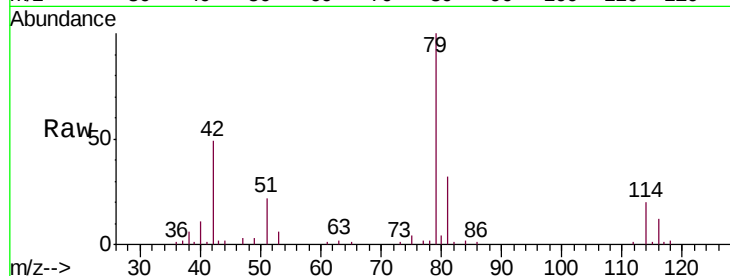
ETBS1MSD

Tgt Ion: 75 Resp: 1150

Ion Ratio Lower Upper

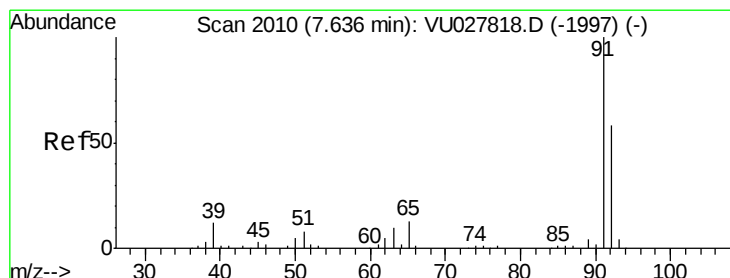
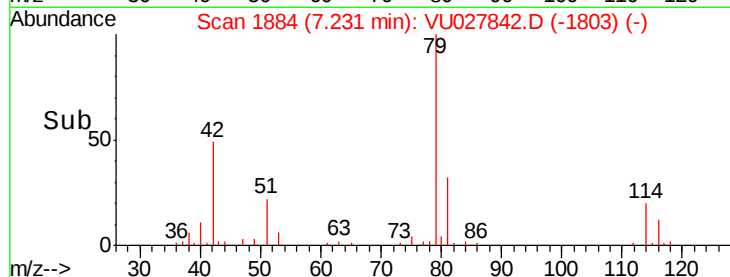
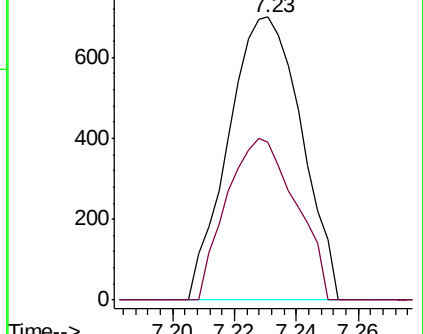
75 100

77 55.7 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#42

Toluene

Concen: 50.012 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027842.D

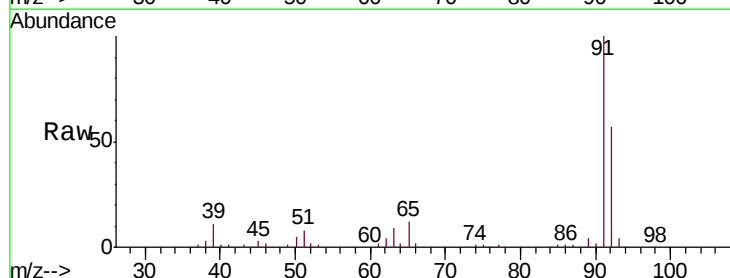
Acq: 26 Oct 2018 18:33

Tgt Ion: 91 Resp: 174980

Ion Ratio Lower Upper

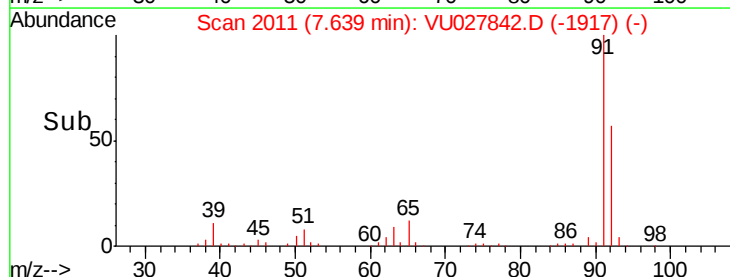
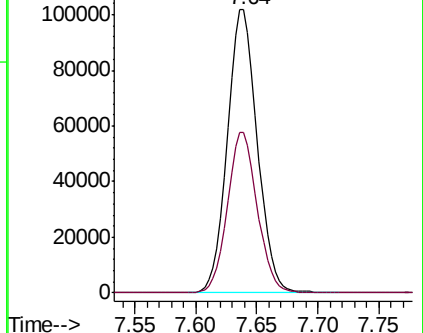
91 100

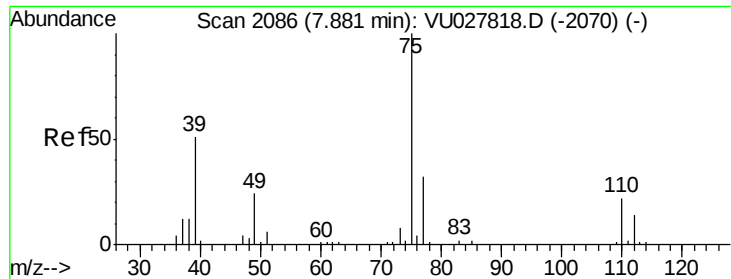
92 56.9 39.9 74.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.568 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027842.D

Acq: 26 Oct 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

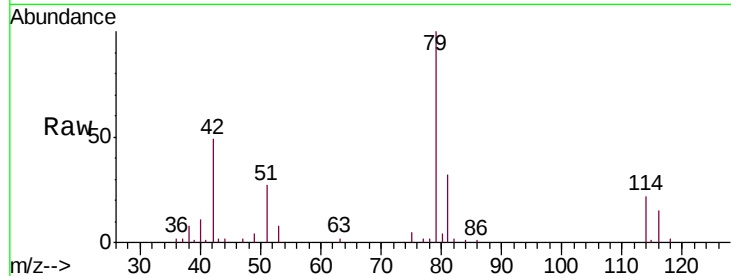
ETBS1MSD

Tgt Ion: 75 Resp: 816

Ion Ratio Lower Upper

75 100

77 31.8 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.85

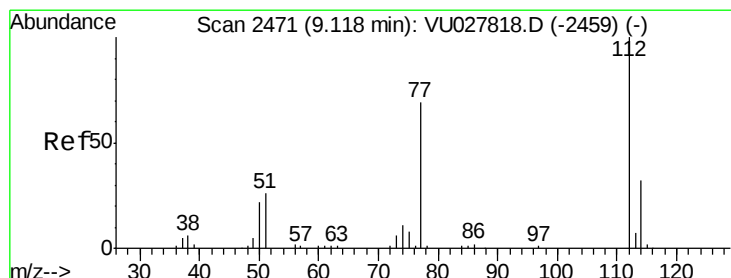
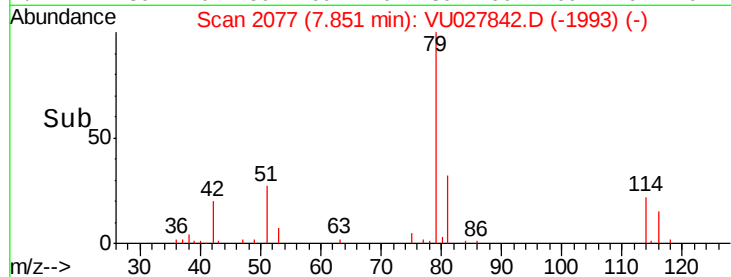
600

400

200

0

Time-->



#51

Chlorobenzene

Concen: 47.897 ug/L

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

Lab File: VU027842.D

Acq: 26 Oct 2018 18:33

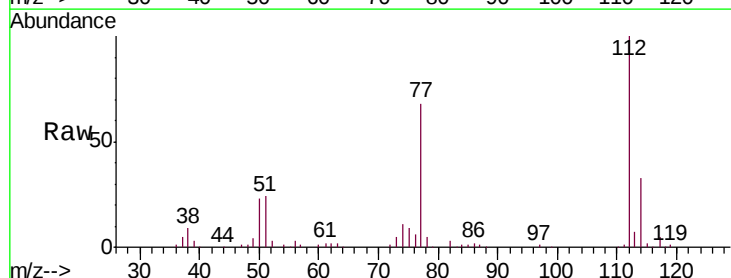
Tgt Ion: 112 Resp: 102740

Ion Ratio Lower Upper

112 100

114 33.2 21.9 40.7

77 67.7 52.2 78.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

9.12

80000

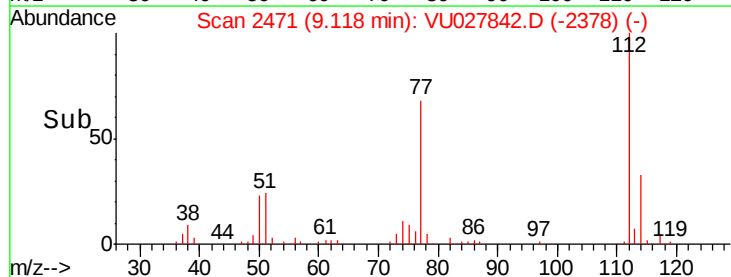
60000

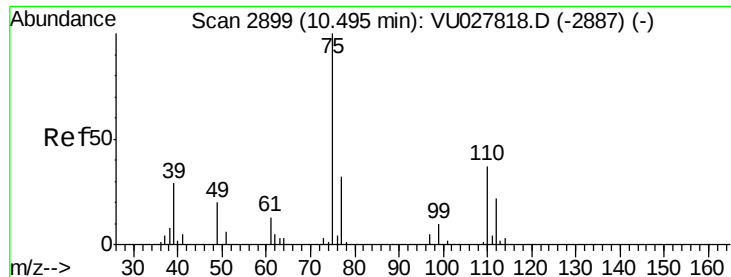
40000

20000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.460 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU027842.D

Acq: 26 Oct 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

ETBS1MSD

Tgt Ion: 75 Resp: 6369

Ion Ratio Lower Upper

75 100

77 39.2 26.5 39.7

