

Data File : VU027858.D
Acq On : 29 Oct 2018 16:03
Operator : MD/SY
Sample : J5716-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBT5

Quant Time: Oct 30 02:32:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 02:27:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	108892	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	100560	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47005	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31871	37.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.24%
7) Chloroethane-d5	1.68	69	25378	38.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.82%
11) 1,1-Dichloroethene-d2	2.27	63	46327	30.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.72%
21) 2-Butanone-d5	4.18	46	63468	87.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.90%
24) Chloroform-d	4.65	84	64144	42.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.22%
26) 1,2-Dichloroethane-d4	5.31	65	44679	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.72%
32) Benzene-d6	5.34	84	124569	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.33	67	45177	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.36%
41) Toluene-d8	7.57	98	111219	42.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.85	79	20678	41.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.30%
47) 2-Hexanone-d5	8.31	63	48321	92.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	57494	43.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	42473	44.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.22%

Target Compounds

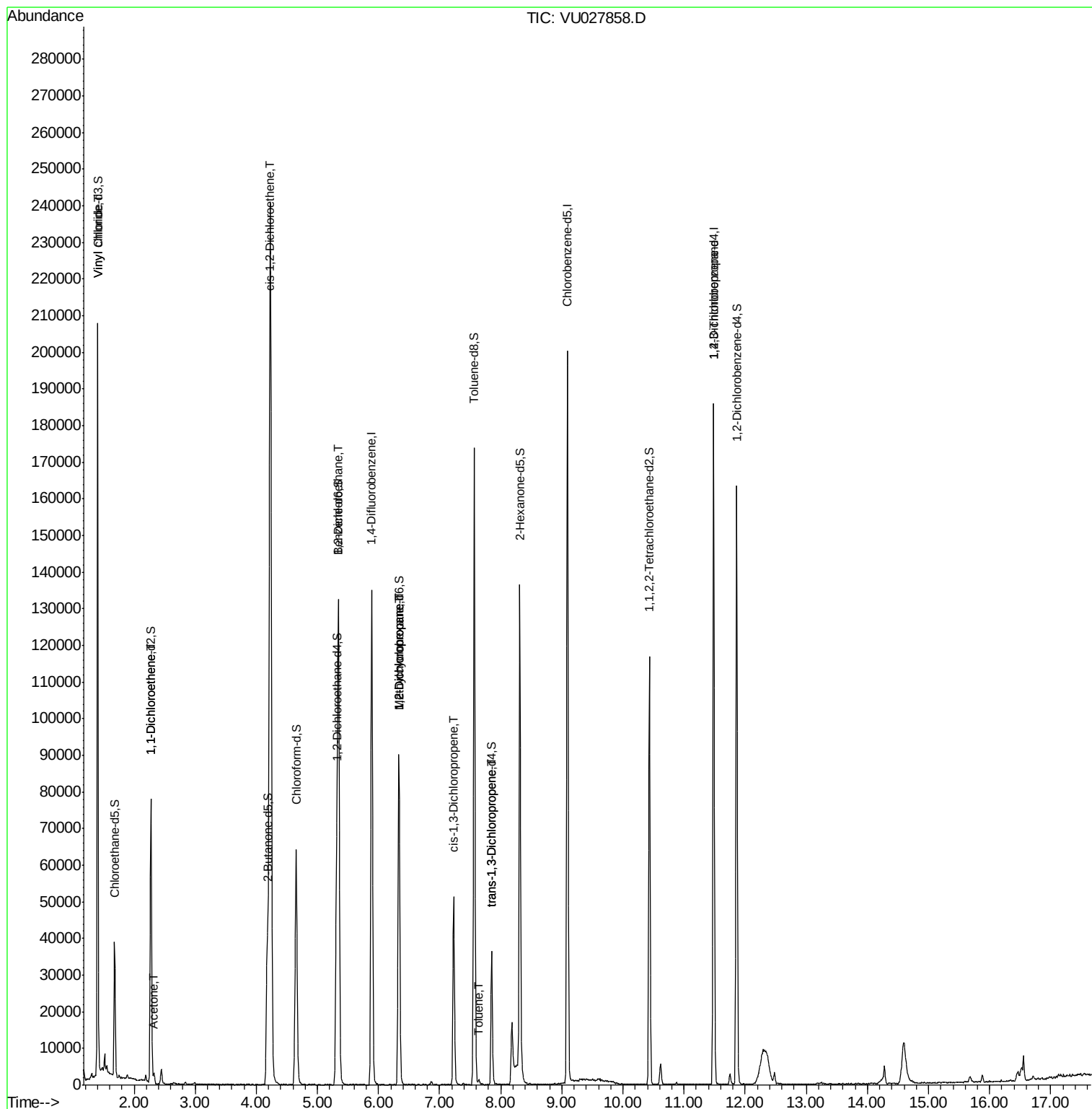
					Qvalue
5) Vinyl chloride	1.40	62	102509	104.246	ug/L 99
12) 1,1-Dichloroethene	2.28	96	401	0.661	ug/L # 1
13) Acetone	2.32	43	2606	5.182	ug/L 95
20) cis-1,2-Dichloroethene	4.23	96	126801	159.692	ug/L 99
27) 1,2-Dichloroethane	5.34	62	712	0.580	ug/L # 78
35) Methylcyclohexane	6.33	83	9498	7.333	ug/L # 14
37) 1,2-Dichloropropane	6.33	63	4771	5.398	ug/L # 90
39) cis-1,3-Dichloropropene	7.23	75	1355	0.996	ug/L # 65
42) Toluene	7.64	91	1070	0.342	ug/L 98
44) trans-1,3-Dichloropropene	7.85	75	731	0.568	ug/L 85
59) 1,2,3-Trichloropropane	11.48	75	6127	5.865	ug/L 96

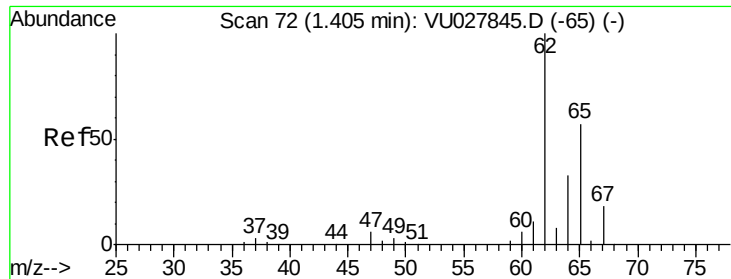
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 104.246 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

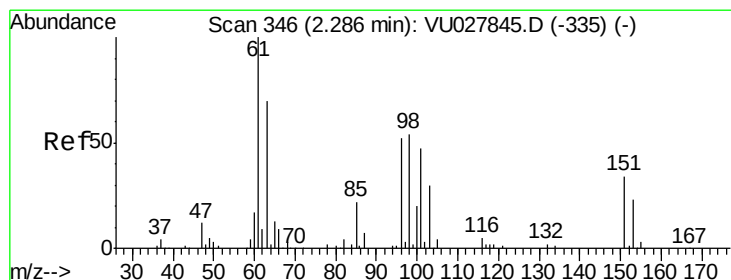
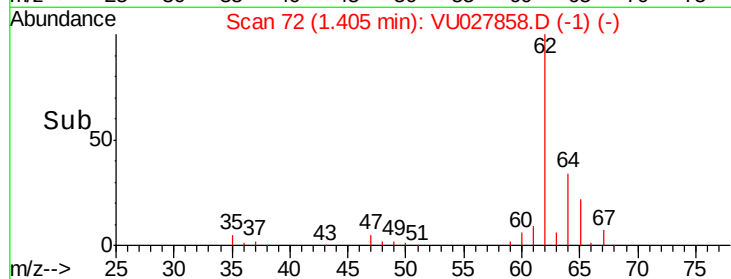
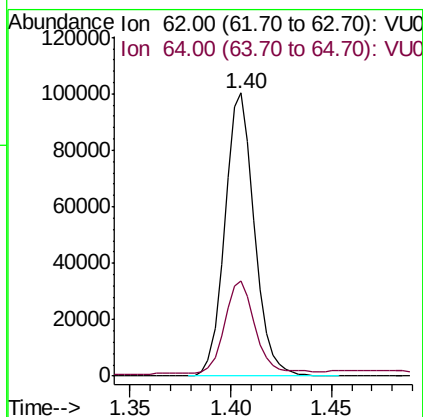
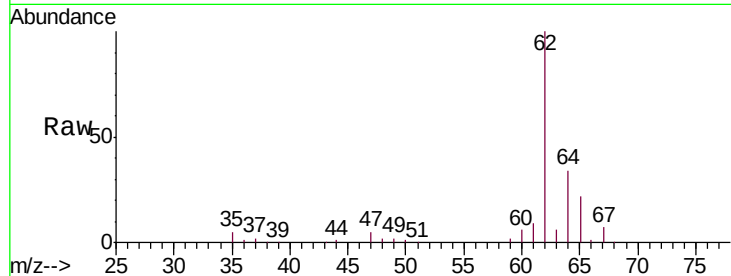
ETBT5

Tgt Ion: 62 Resp: 102509

Ion Ratio Lower Upper

62 100

64 33.7 23.0 42.8



#12

1,1-Dichloroethene

Concen: 0.661 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027858.D

Acq: 29 Oct 2018 16:03

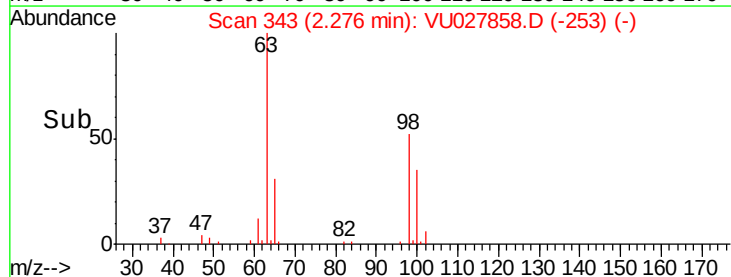
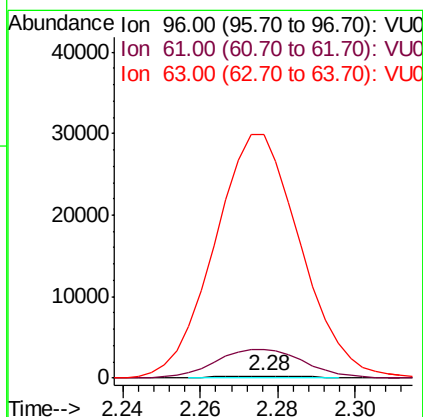
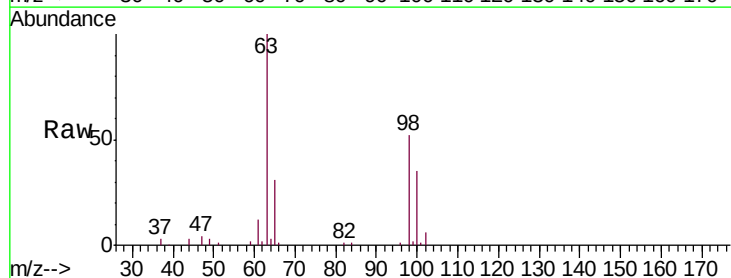
Tgt Ion: 96 Resp: 401

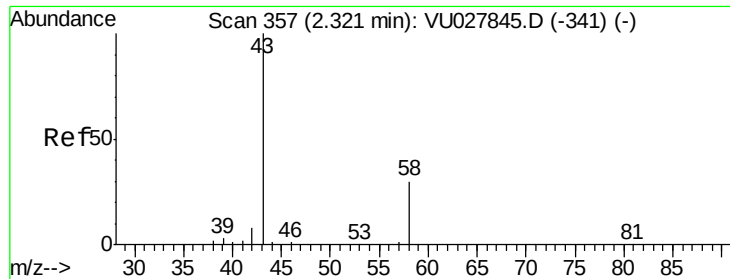
Ion Ratio Lower Upper

96 100

61 1415.9 137.3 255.1#

63 11838.1 109.8 204.0#





#13

Acetone

Concen: 5.182 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027858.D

Acq: 29 Oct 2018 16:03

Instrument :

MSVOA_U

ClientSampleId :

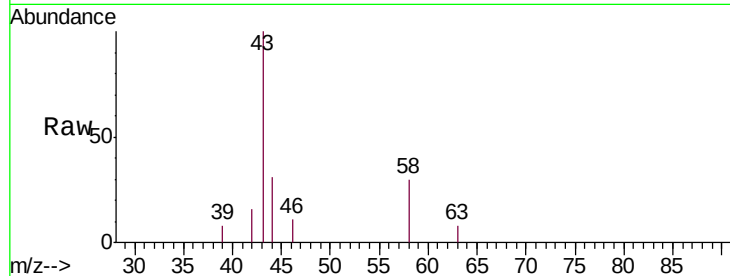
ETBT5

Tgt Ion: 43 Resp: 2606

Ion Ratio Lower Upper

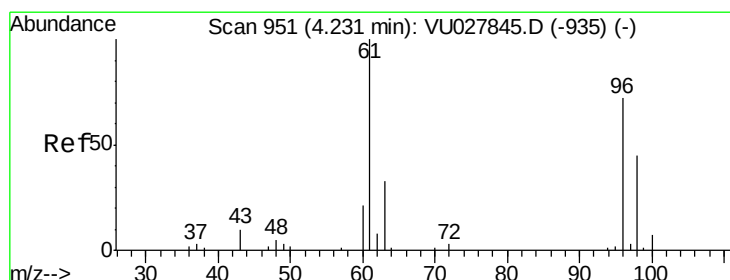
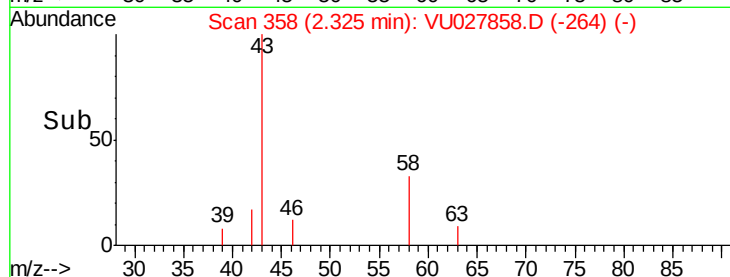
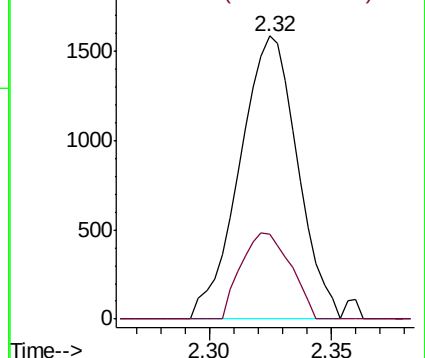
43 100

58 26.1 0.0 57.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 159.692 ug/L

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027858.D

Acq: 29 Oct 2018 16:03

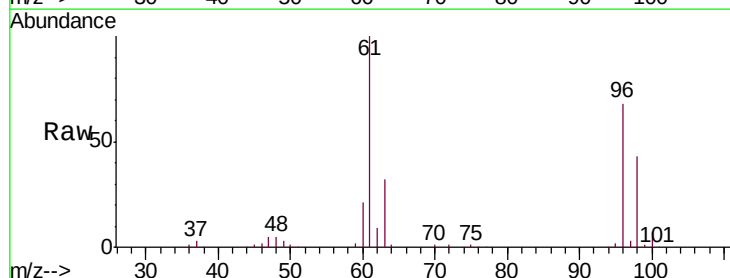
Tgt Ion: 96 Resp: 126801

Ion Ratio Lower Upper

96 100

61 147.3 104.2 193.4

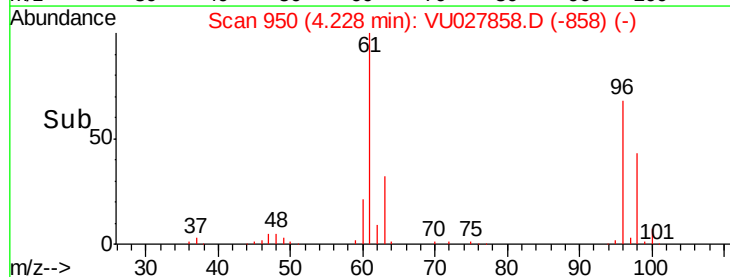
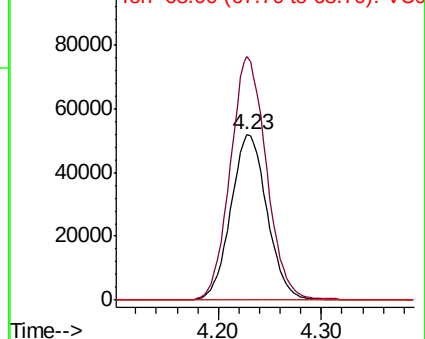
68 0.0 0.0 0.0

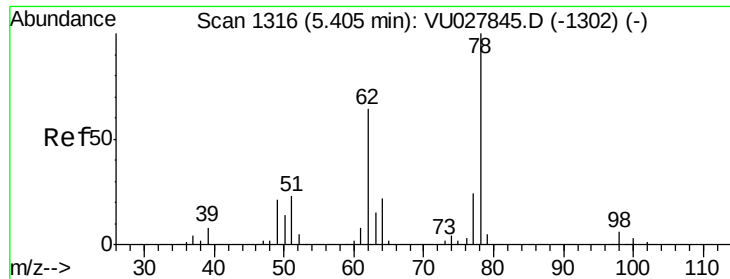


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

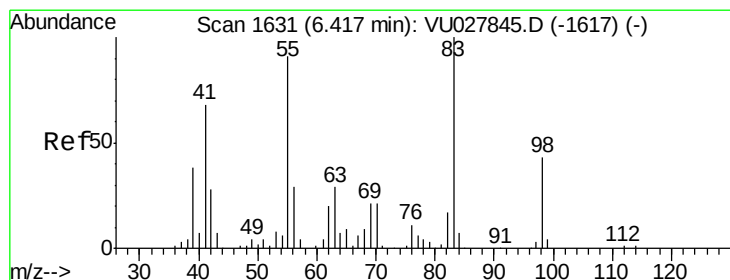
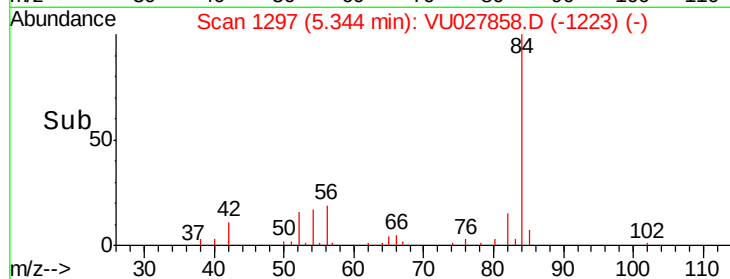
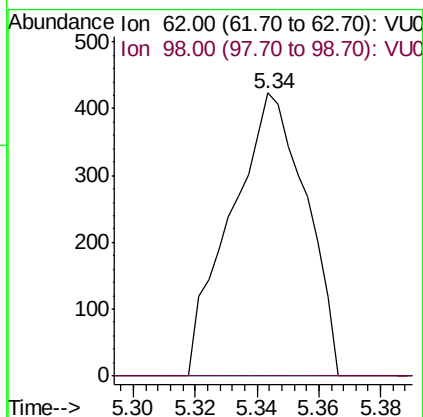
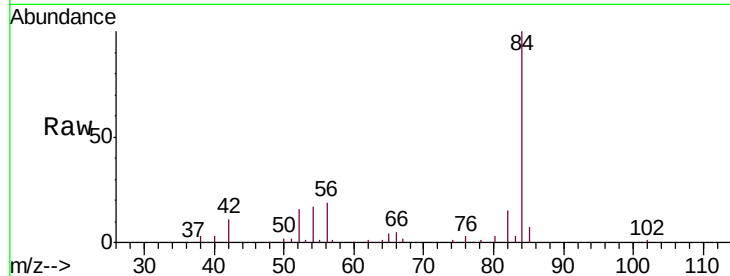




#27
 1,2-Dichloroethane
 Concen: 0.580 ug/L
 RT: 5.34 min Scan# 1297
 Delta R.T. -0.06 min
 Lab File: VU027858.D
 Acq: 29 Oct 2018 16:03

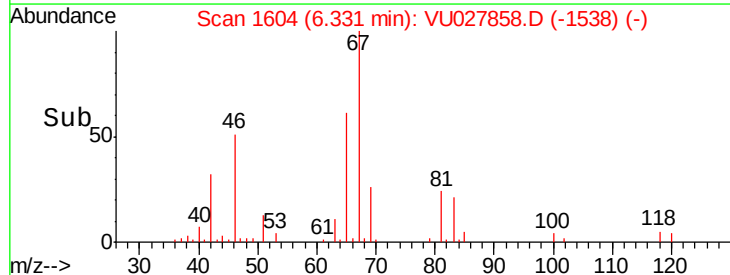
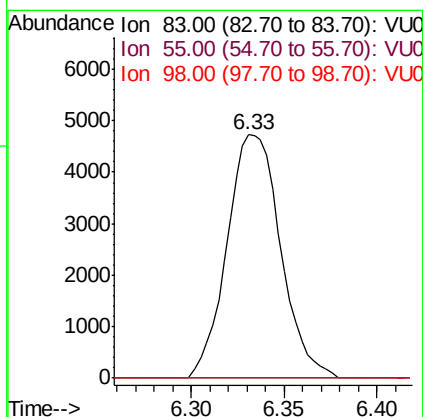
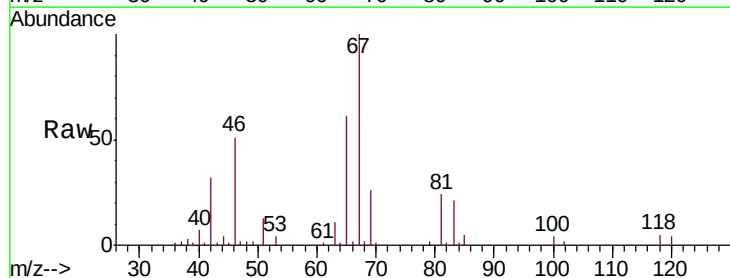
Instrument :
 MSVOA_U
 ClientSampleId :
 ETBT5

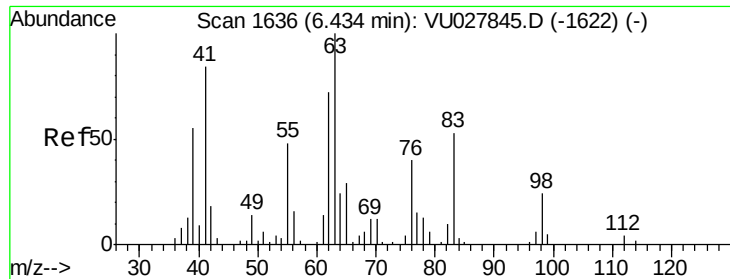
Tgt Ion: 62 Resp: 712
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 7.333 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.09 min
 Lab File: VU027858.D
 Acq: 29 Oct 2018 16:03

Tgt Ion: 83 Resp: 9498
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.9 107.9#
 98 0.0 34.6 52.0#

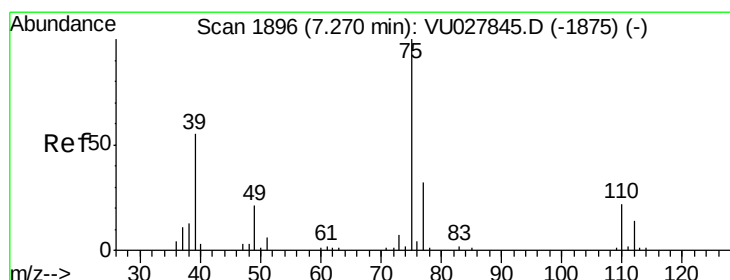
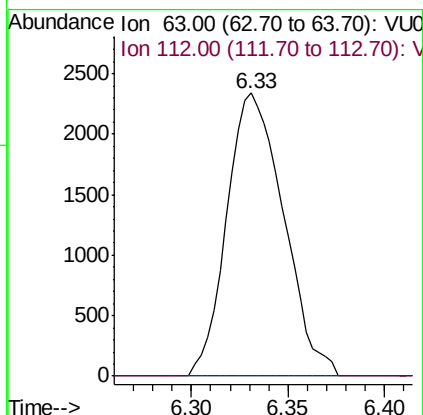
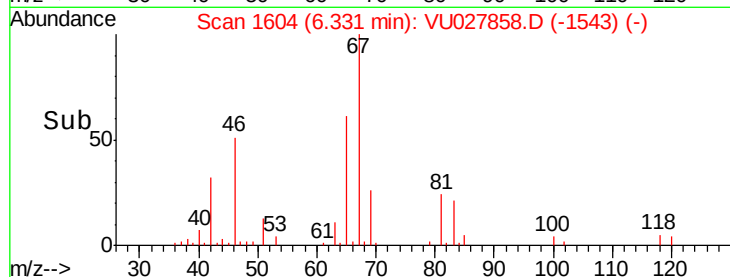
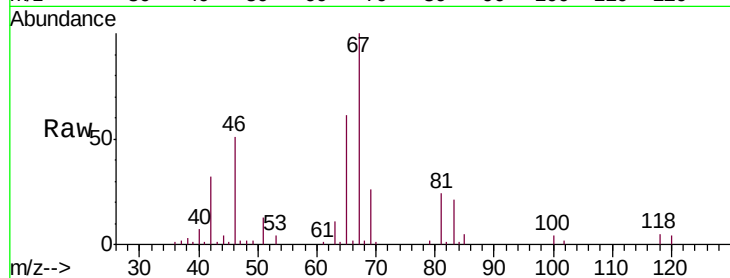




#37
 1,2-Dichloropropane
 Concen: 5.398 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027858.D
 Acq: 29 Oct 2018 16:03

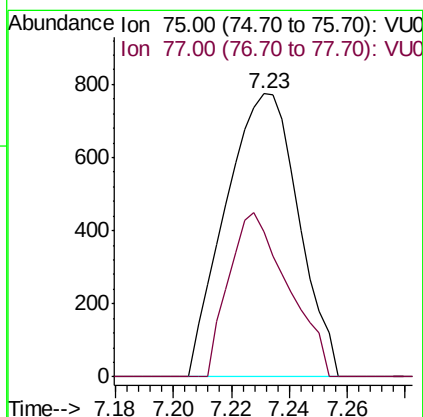
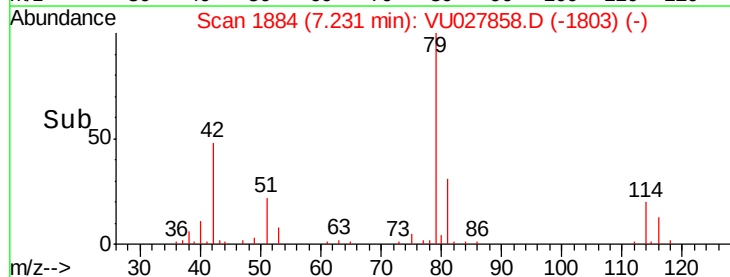
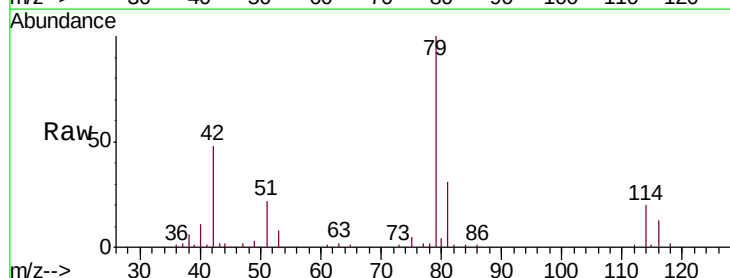
Instrument :
 MSVOA_U
 ClientSampled :
 ETBT5

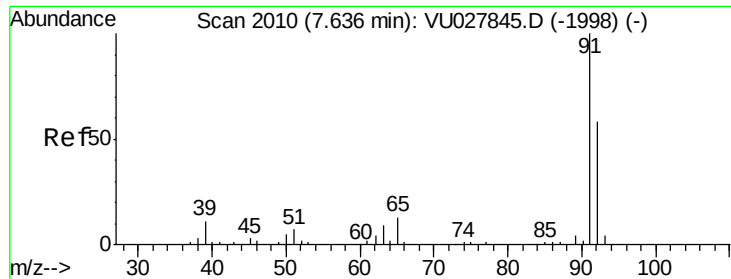
Tgt Ion: 63 Resp: 4771
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.996 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027858.D
 Acq: 29 Oct 2018 16:03

Tgt Ion: 75 Resp: 1355
 Ion Ratio Lower Upper
 75 100
 77 51.4 22.5 41.7#





#42

Toluene

Concen: 0.342 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027858.D

Acq: 29 Oct 2018 16:03

Instrument :

MSVOA_U

ClientSampleId :

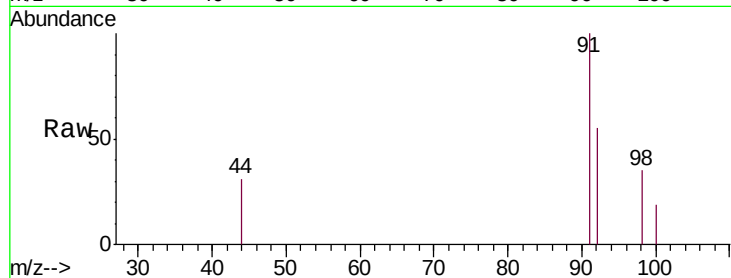
ETBT5

Tgt Ion: 91 Resp: 1070

Ion Ratio Lower Upper

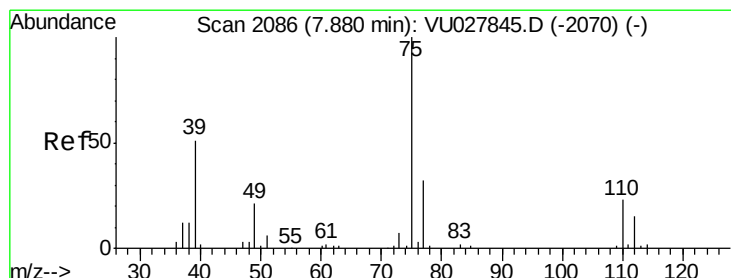
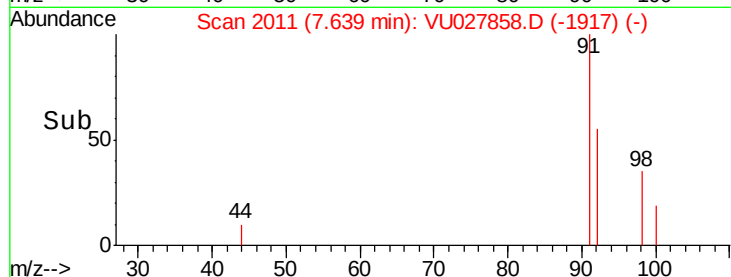
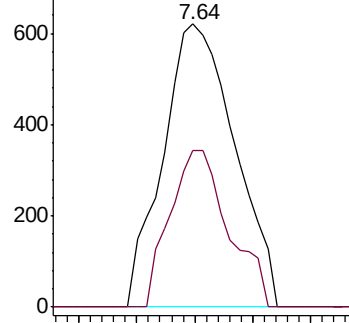
91 100

92 55.2 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# 2076

Delta R.T. -0.03 min

Lab File: VU027858.D

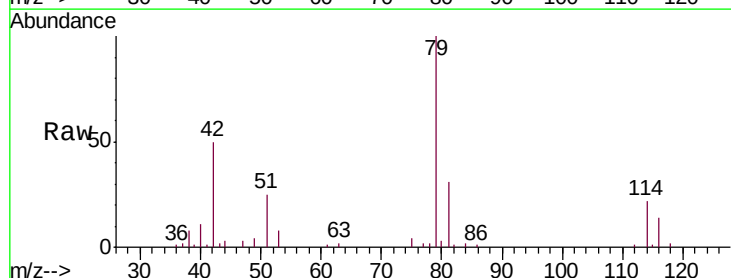
Acq: 29 Oct 2018 16:03

Tgt Ion: 75 Resp: 731

Ion Ratio Lower Upper

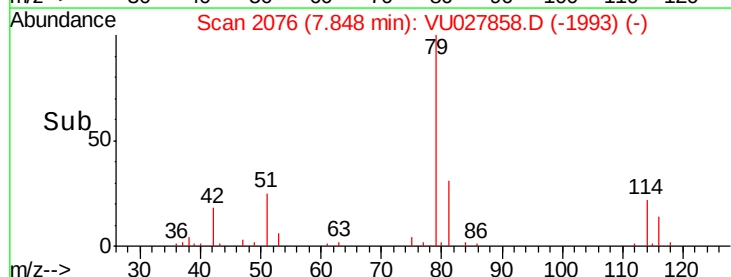
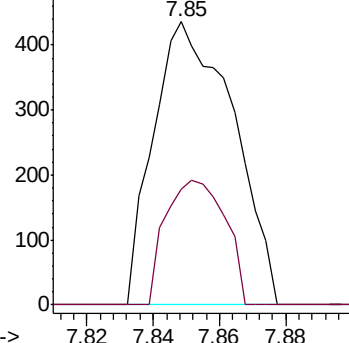
75 100

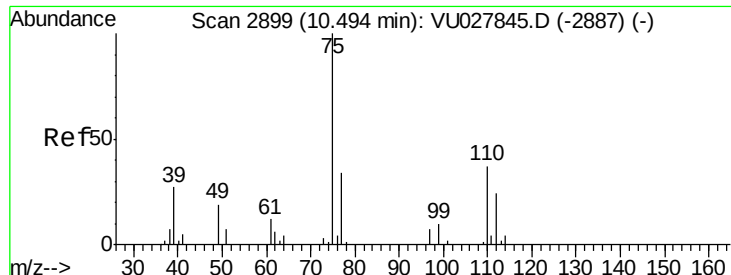
77 40.8 22.8 42.4



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: 5.865 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU027858.D

Acq: 29 Oct 2018 16:03

Instrument :

MSVOA_U

ClientSampleId :

ETBT5

Tgt Ion: 75 Resp: 6127

Ion Ratio Lower Upper

75 100

77 35.3 26.5 39.7

