

Data File : VU027857.D
Acq On : 29 Oct 2018 15:40
Operator : MD/SY
Sample : J5716-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBT4

Quant Time: Oct 30 02:31:53 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	108593	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	101918	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47410	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33020	39.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.16%
7) Chloroethane-d5	1.68	69	25902	39.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.64%
11) 1,1-Dichloroethene-d2	2.27	63	48028	31.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.12%
21) 2-Butanone-d5	4.18	46	64752	89.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.93%
24) Chloroform-d	4.65	84	64632	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.10%
26) 1,2-Dichloroethane-d4	5.31	65	45808	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.10%
32) Benzene-d6	5.34	84	125825	43.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.70%
36) 1,2-Dichloropropane-d6	6.33	67	45296	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.42%
41) Toluene-d8	7.57	98	114845	42.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.85	79	20953	41.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.28%
47) 2-Hexanone-d5	8.31	63	47727	90.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59237	44.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	43870	45.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.36%

Target Compounds

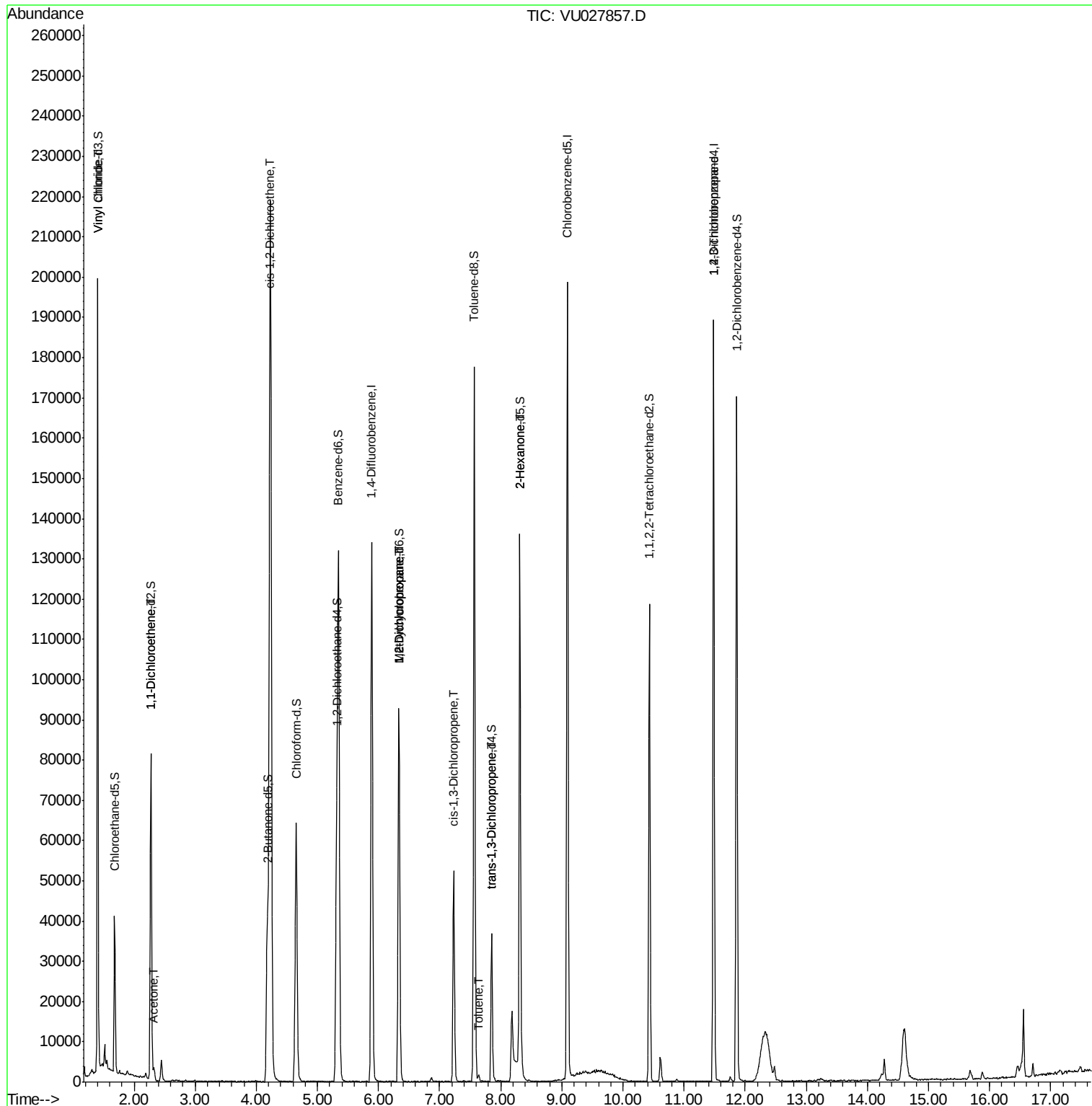
					Qvalue
5) Vinyl chloride	1.40	62	96518	98.423 ug/L	98
12) 1,1-Dichloroethene	2.28	96	417	0.689 ug/L #	1
13) Acetone	2.32	43	3073	6.127 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	115241	145.533 ug/L	97
35) Methylcyclohexane	6.33	83	9682	7.376 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	4816	5.376 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1157	0.839 ug/L #	46
42) Toluene	7.64	91	1195	0.376 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	802	0.615 ug/L #	71
48) 2-Hexanone	8.31	43	5984	5.359 ug/L #	61
59) 1,2,3-Trichloropropane	11.48	75	5995	5.663 ug/L	93

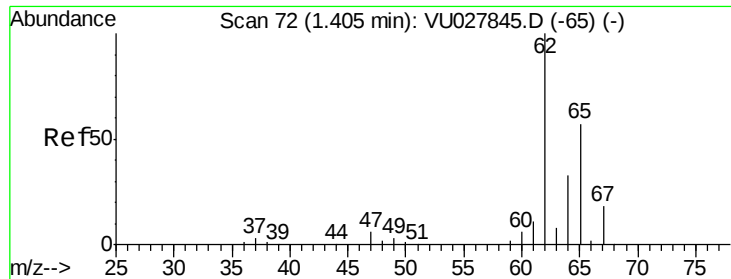
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 30 02:27:31 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 98.423 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027857.D

Acq: 29 Oct 2018 15:40

Instrument :

MSVOA_U

ClientSampleId :

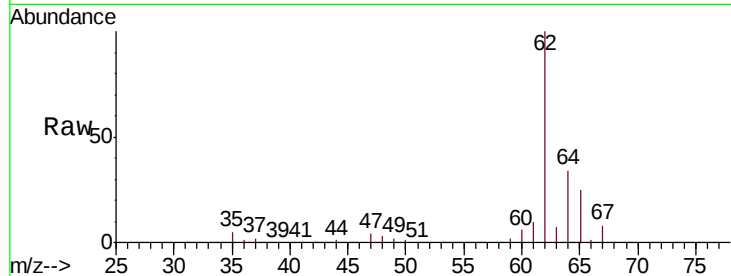
ETBT4

Tgt Ion: 62 Resp: 96518

Ion Ratio Lower Upper

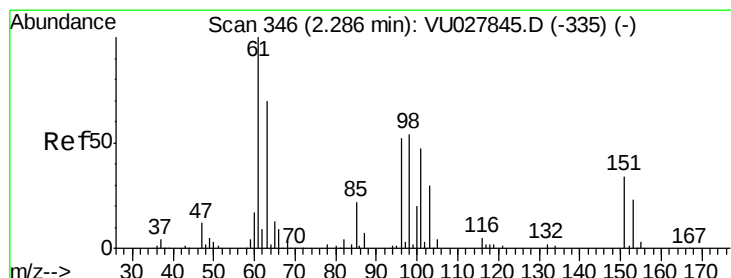
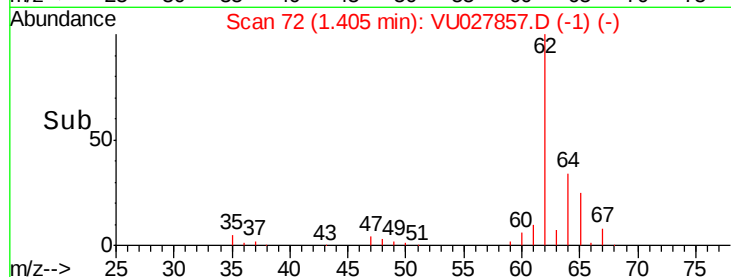
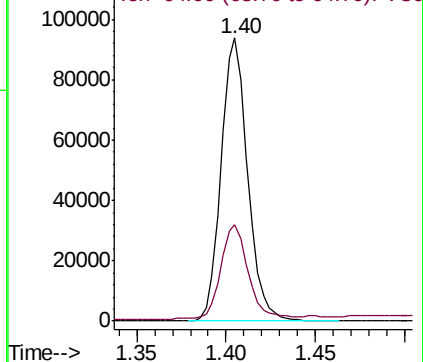
62 100

64 34.1 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 0.689 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027857.D

Acq: 29 Oct 2018 15:40

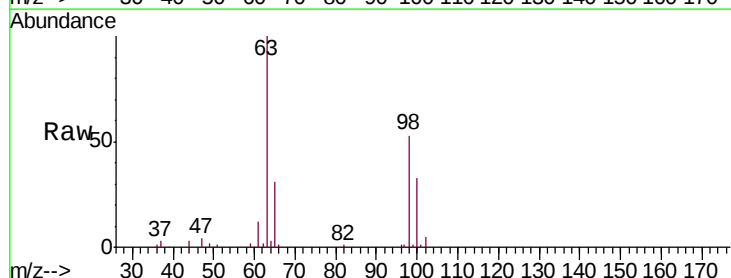
Tgt Ion: 96 Resp: 417

Ion Ratio Lower Upper

96 100

61 1396.3 137.3 255.1#

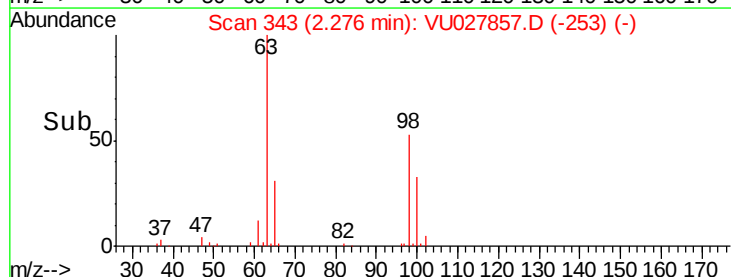
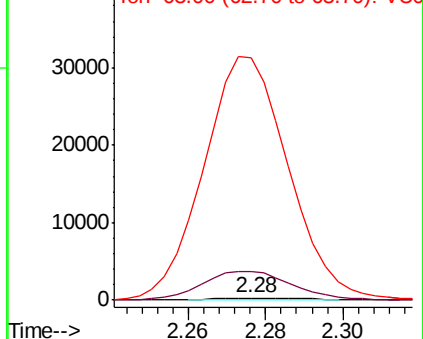
63 11603.0 109.8 204.0#

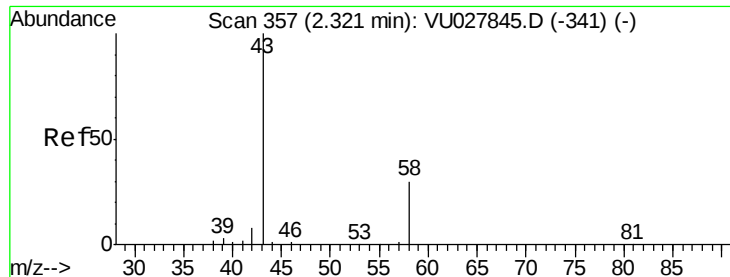


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 6.127 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027857.D

Acq: 29 Oct 2018 15:40

Instrument :

MSVOA_U

ClientSampleId :

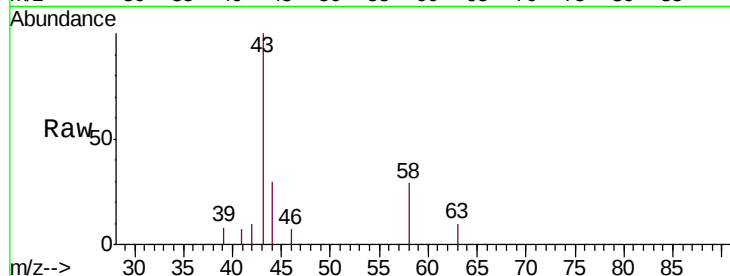
ETBT4

Tgt Ion: 43 Resp: 3073

Ion Ratio Lower Upper

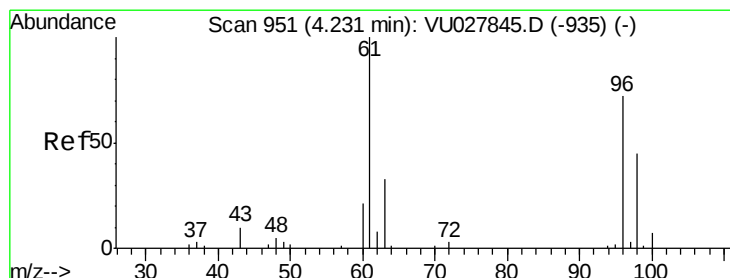
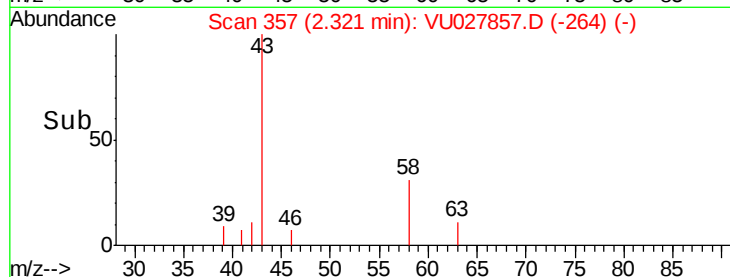
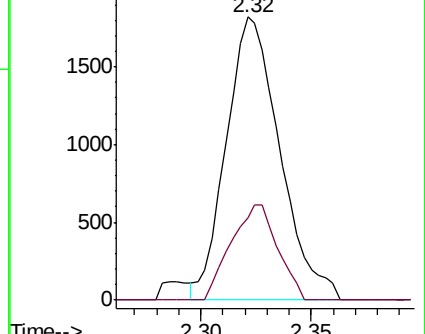
43 100

58 29.1 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: 145.533 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027857.D

Acq: 29 Oct 2018 15:40

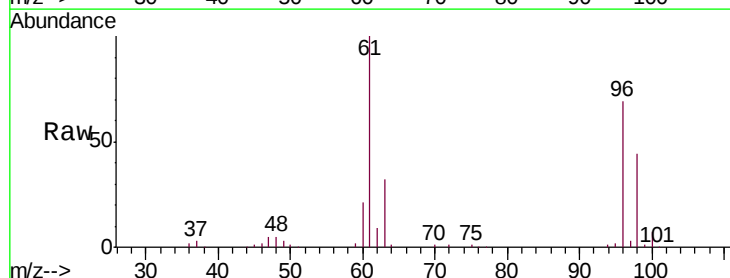
Tgt Ion: 96 Resp: 115241

Ion Ratio Lower Upper

96 100

61 145.2 104.2 193.4

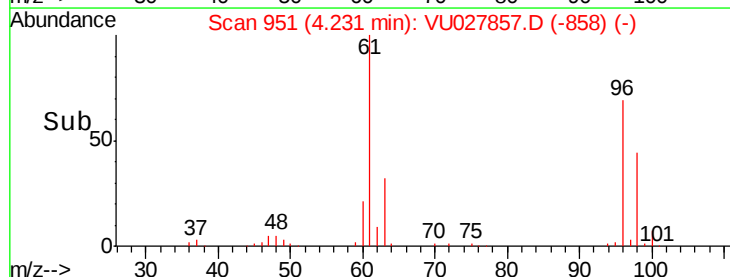
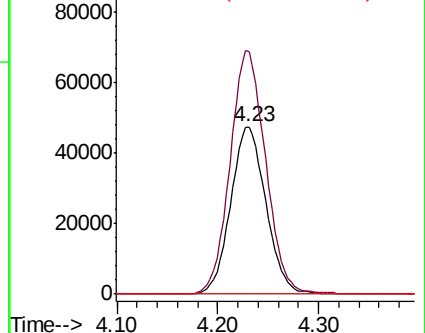
68 0.0 0.0 0.0

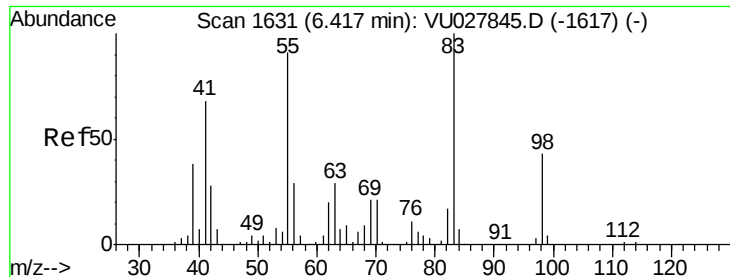


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

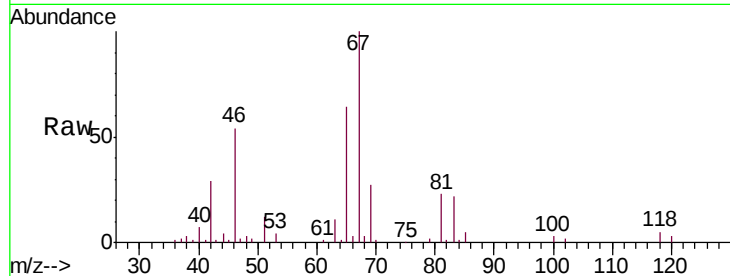




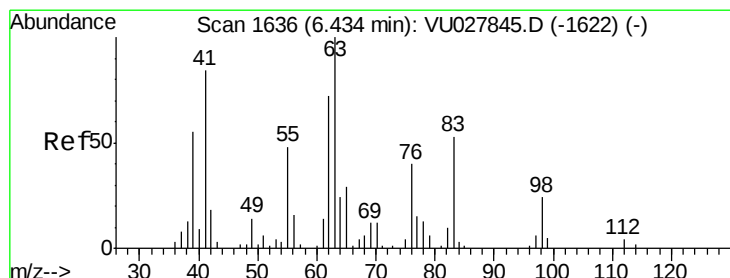
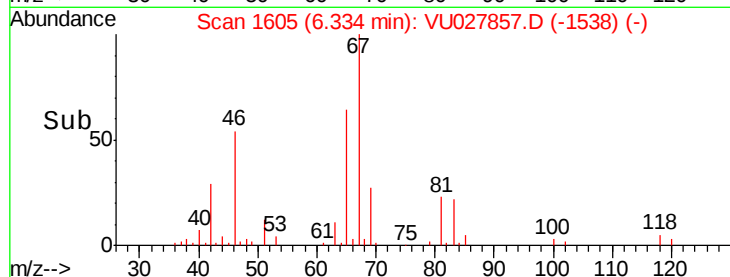
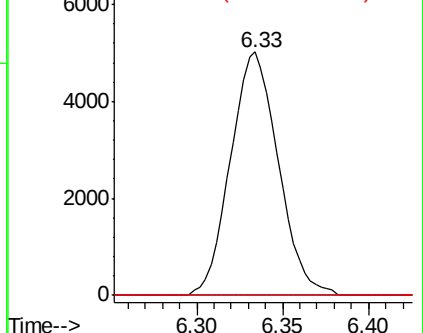
#35
Methylcyclohexane
Concen: 7.376 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027857.D
Acq: 29 Oct 2018 15:40

Instrument :
MSVOA_U
ClientSampleId :
ETBT4

Tgt Ion: 83 Resp: 9682
Ion Ratio Lower Upper
83 100
55 0.0 71.9 107.9#
98 0.0 34.6 52.0#

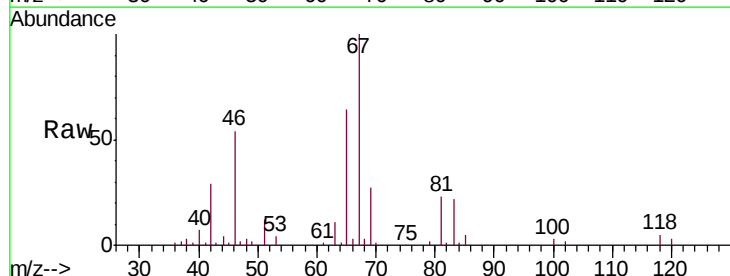


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

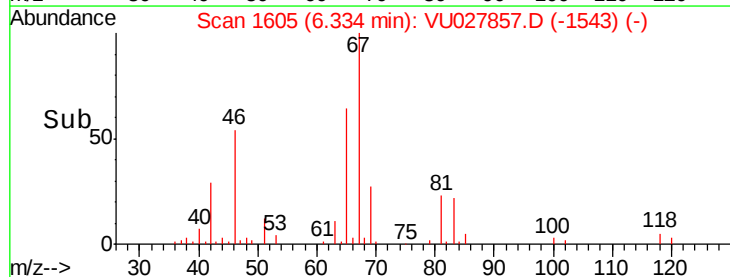
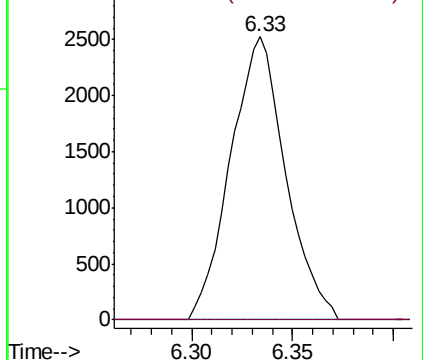


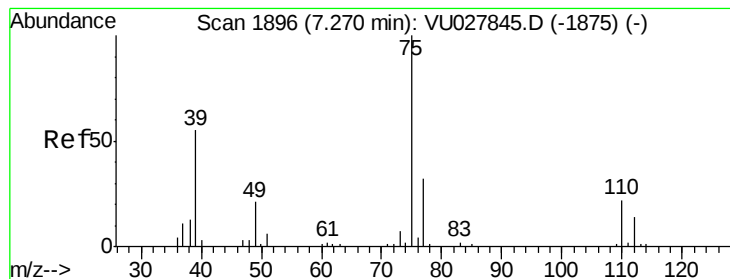
#37
1,2-Dichloropropane
Concen: 5.376 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027857.D
Acq: 29 Oct 2018 15:40

Tgt Ion: 63 Resp: 4816
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



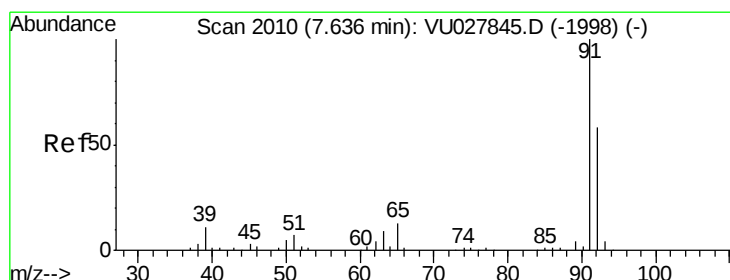
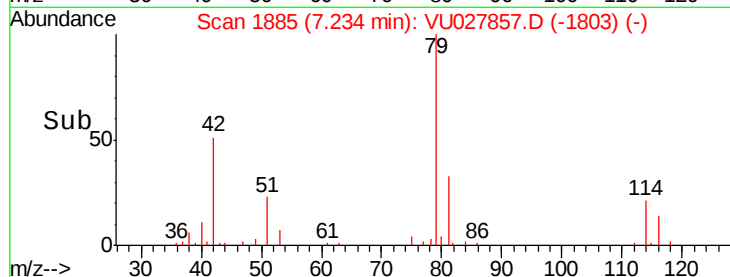
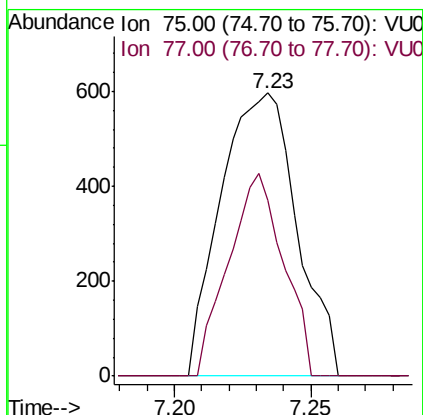
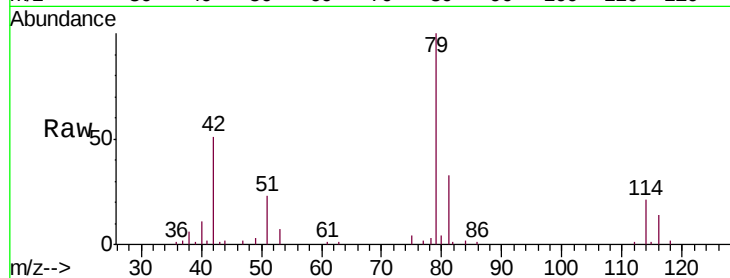


#39

cis-1,3-Dichloropropene
Concen: 0.839 ug/L
RT: 7.23 min Scan# 1885
Delta R.T. -0.04 min
Lab File: VU027857.D
Acq: 29 Oct 2018 15:40

Instrument :
MSVOA_U
ClientSampleId :
ETBT4

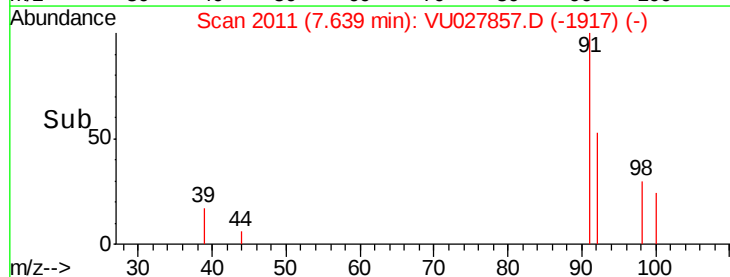
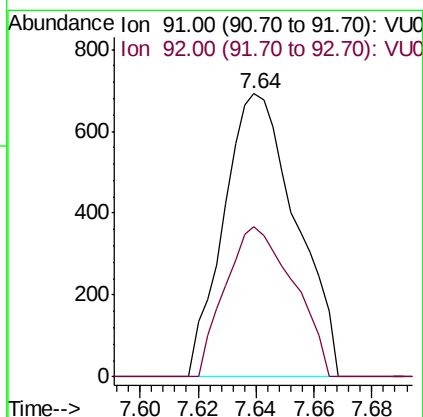
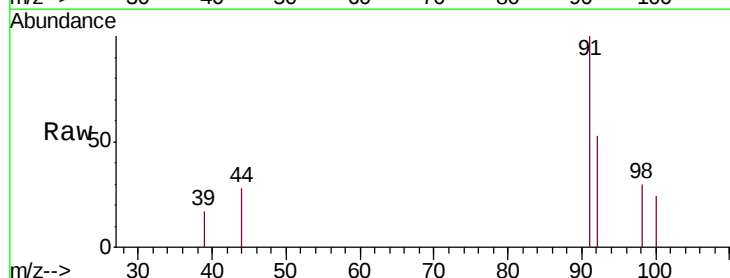
Tgt Ion: 75 Resp: 1157
Ion Ratio Lower Upper
75 100
77 62.1 22.5 41.7#

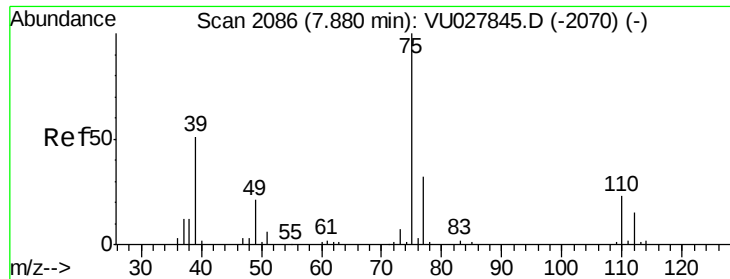


#42

Toluene
Concen: 0.376 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027857.D
Acq: 29 Oct 2018 15:40

Tgt Ion: 91 Resp: 1195
Ion Ratio Lower Upper
91 100
92 53.2 39.9 74.1

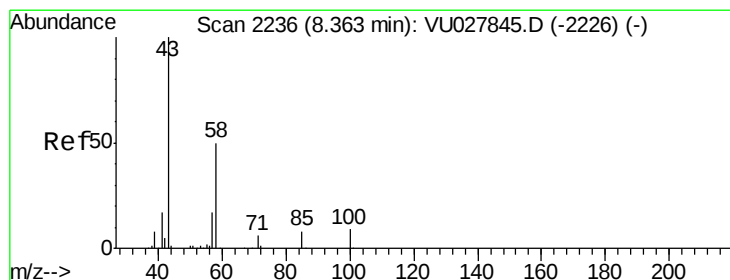
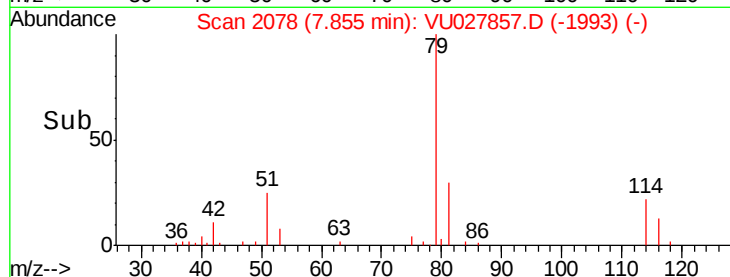
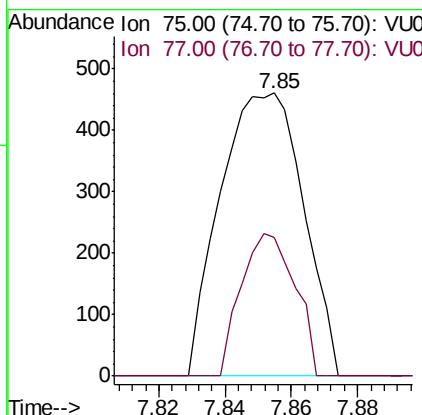
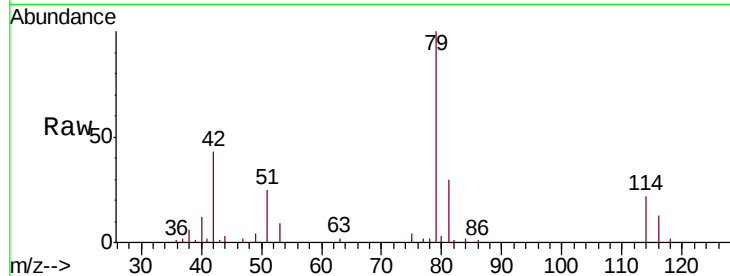




#44
trans-1,3-Dichloropropene
Concen: 0.615 ug/L
RT: 7.85 min Scan# 2078
Delta R.T. -0.03 min
Lab File: VU027857.D
Acq: 29 Oct 2018 15:40

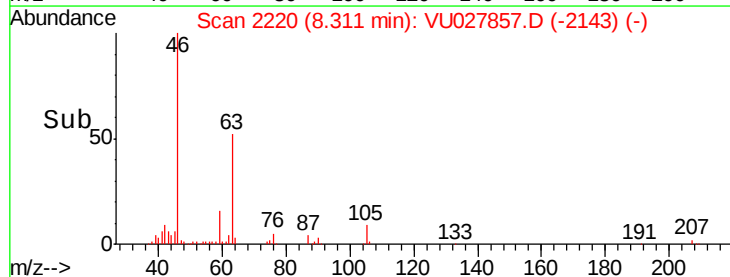
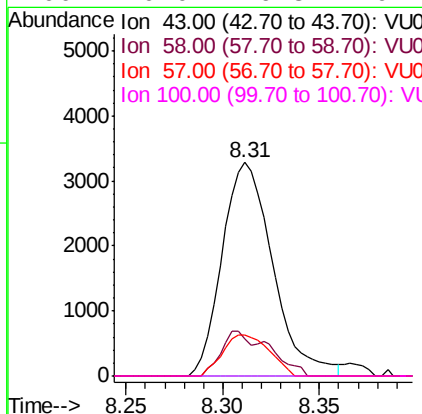
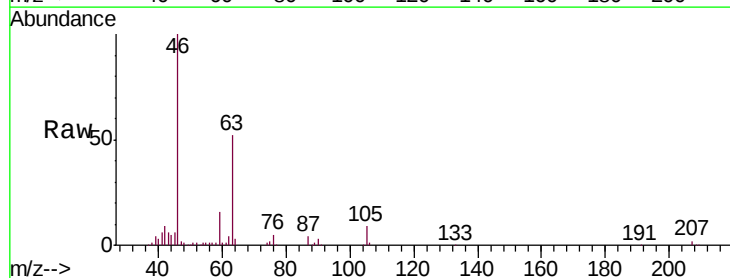
Instrument :
MSVOA_U
ClientSampled :
ETBT4

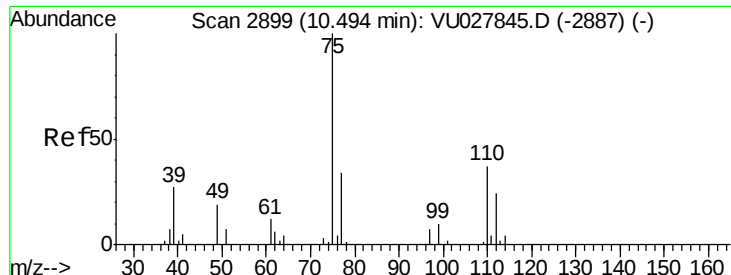
Tgt Ion: 75 Resp: 802
Ion Ratio Lower Upper
75 100
77 49.0 22.8 42.4#



#48
2-Hexanone
Concen: 5.359 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027857.D
Acq: 29 Oct 2018 15:40

Tgt Ion: 43 Resp: 5984
Ion Ratio Lower Upper
43 100
58 11.6 38.8 58.2#
57 17.5 13.1 19.7
100 0.0 6.8 10.2#





#59

1,2,3-Trichloropropane

Concen: 5.663 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027857.D

Acq: 29 Oct 2018 15:40

Instrument :

MSVOA_U

ClientSampleId :

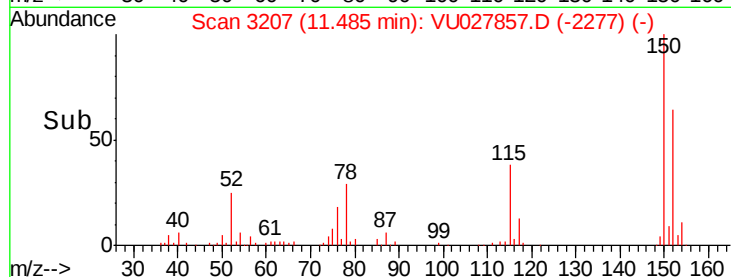
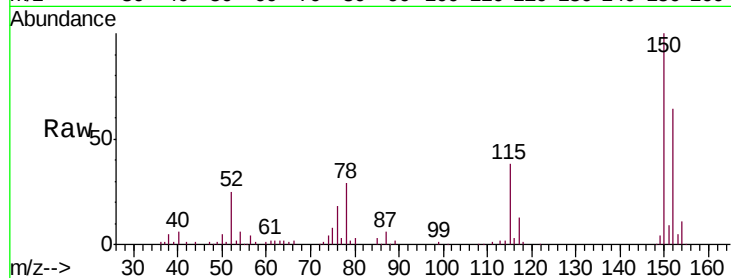
ETBT4

Tgt Ion: 75 Resp: 5995

Ion Ratio Lower Upper

75 100

77 37.2 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

