

Data File : VU027851.D
Acq On : 29 Oct 2018 13:21
Operator : MD/SY
Sample : J5668-04RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBQ2RE

Quant Time: Oct 30 02:30:55 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	107884	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	100368	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46317	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34630	41.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.52%
7) Chloroethane-d5	1.68	69	27302	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.50%
11) 1,1-Dichloroethene-d2	2.28	63	49230	32.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.12%
21) 2-Butanone-d5	4.18	46	65085	90.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.98%
24) Chloroform-d	4.65	84	64587	42.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.31	65	46593	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.18%
32) Benzene-d6	5.34	84	128585	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
36) 1,2-Dichloropropane-d6	6.33	67	45350	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.88%
41) Toluene-d8	7.57	98	118725	45.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.06%
43) trans-1,3-Dichloropropene-	7.85	79	21540	43.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.94%
47) 2-Hexanone-d5	8.31	63	47463	90.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59024	44.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	43282	45.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.24%

Target Compounds

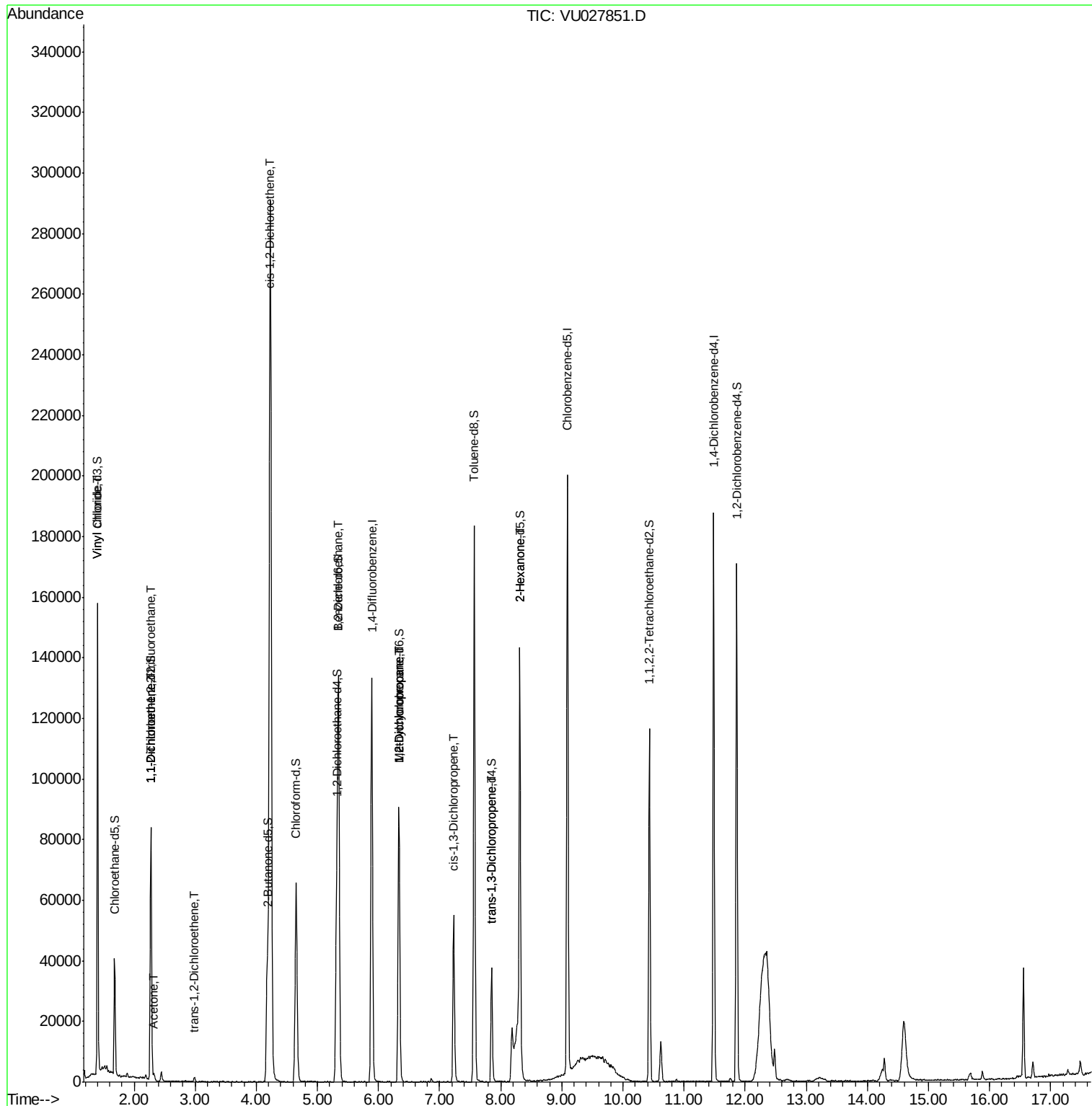
					Qvalue
5) Vinyl chloride	1.41	62	69172	71.001 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	477	0.742 ug/L #	18
12) 1,1-Dichloroethene	2.28	96	833	1.386 ug/L #	1
13) Acetone	2.32	43	2585	5.188 ug/L	90
17) trans-1,2-Dichloroethene	2.99	96	484	0.728 ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	153787	195.487 ug/L	96
27) 1,2-Dichloroethane	5.35	62	731	0.601 ug/L #	78
35) Methylcyclohexane	6.33	83	9713	7.514 ug/L #	14
37) 1,2-Dichloropropane	6.34	63	4949	5.610 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1297	0.955 ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	890	0.693 ug/L	93
48) 2-Hexanone	8.31	43	5933	5.396 ug/L #	67

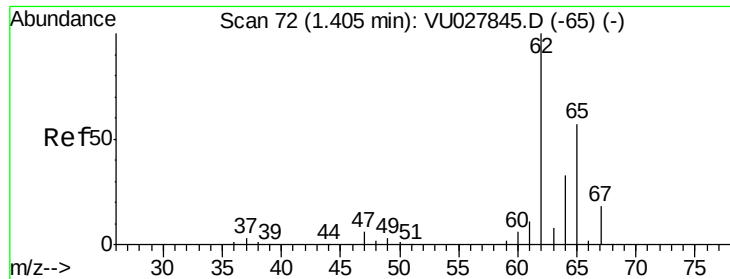
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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#5

Vinyl chloride

Concen: 71.001 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027851.D

Acq: 29 Oct 2018 13:21

Instrument :

MSVOA_U

ClientSampleId :

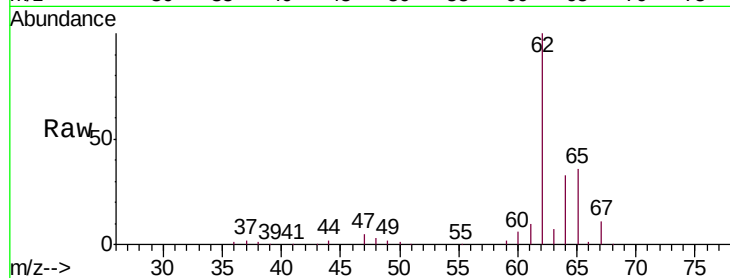
ETBQ2RE

Tgt Ion: 62 Resp: 69172

Ion Ratio Lower Upper

62 100

64 33.2 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU027845.D (-65) (-)

Ion 64.00 (63.70 to 64.70): VU027845.D (-65) (-)

1.41

60000

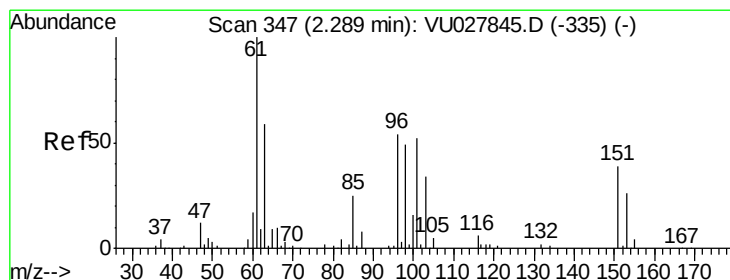
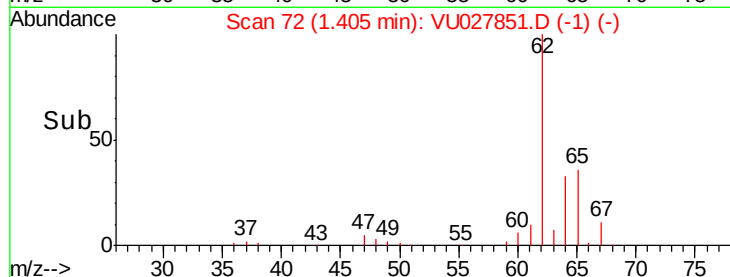
40000

20000

0

1.35 1.40 1.45

Time-->



#10

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

Concen: 0.742 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027851.D

Acq: 29 Oct 2018 13:21

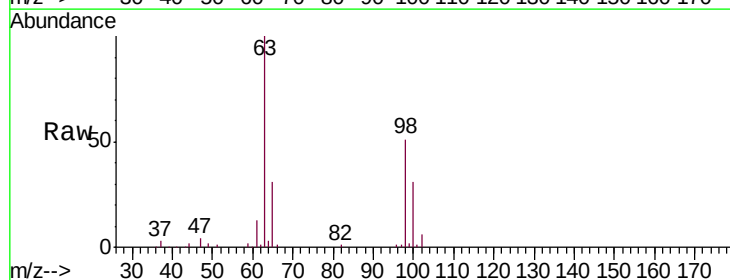
Tgt Ion: 101 Resp: 477

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

151 0.0 62.0 93.0#



Abundance Ion 101.00 (100.70 to 101.70): VU027845.D (-335) (-)

Ion 85.00 (84.70 to 85.70): VU027845.D (-335) (-)

Ion 151.00 (150.70 to 151.70): VU027845.D (-335) (-)

2.28

400

300

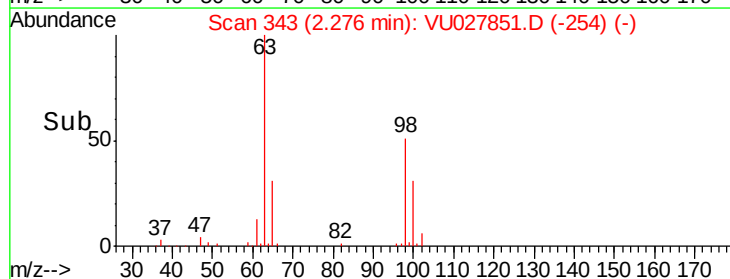
200

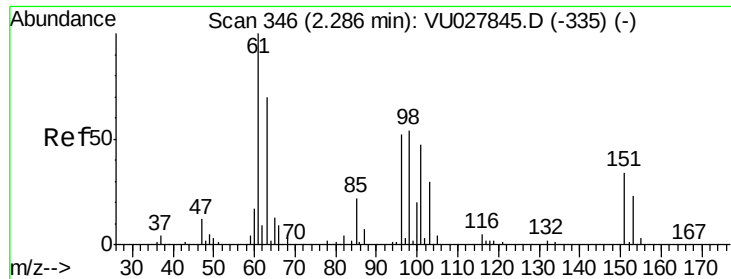
100

0

2.24 2.26 2.28 2.30

Time-->

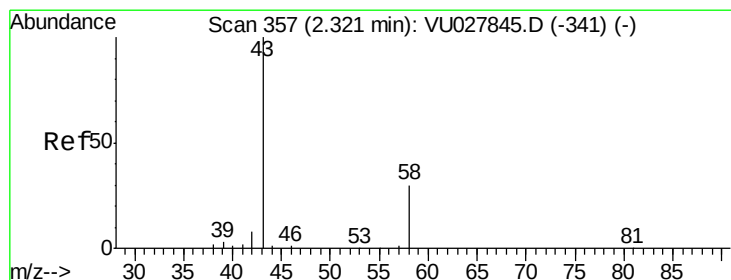
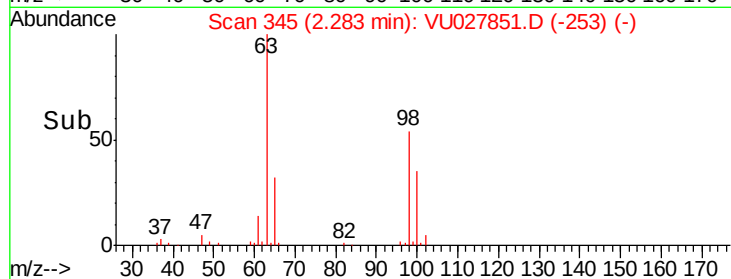
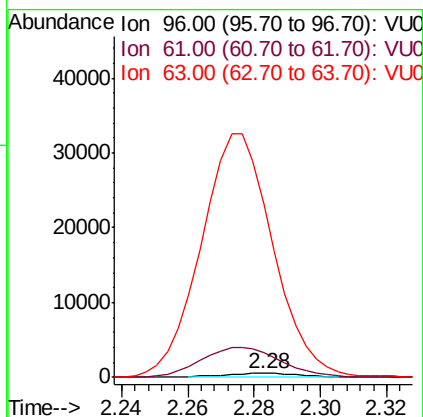
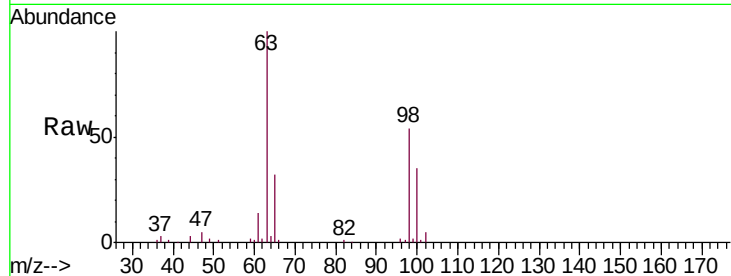




#12
 1,1-Dichloroethene
 Concen: 1.386 ug/L
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU027851.D
 Acq: 29 Oct 2018 13:21

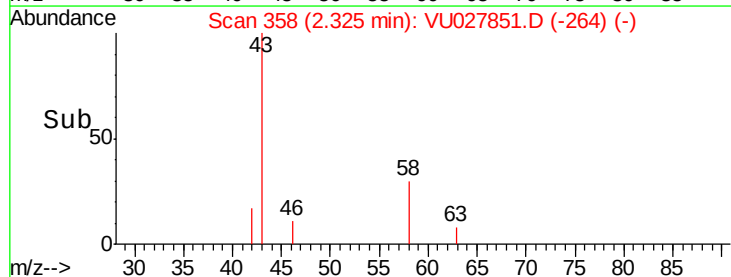
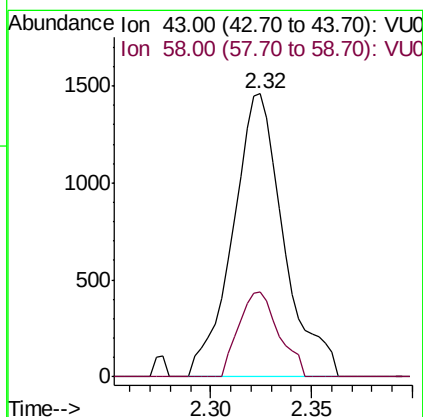
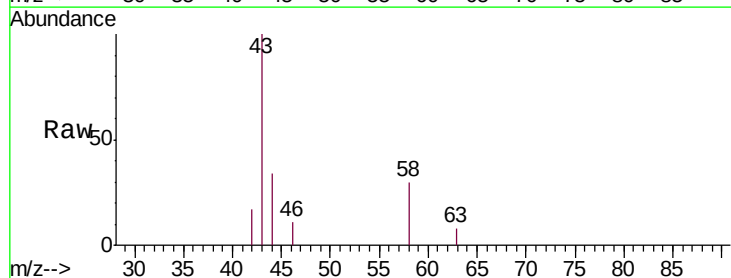
Instrument :
 MSVOA_U
 ClientSampleId :
 ETBQ2RE

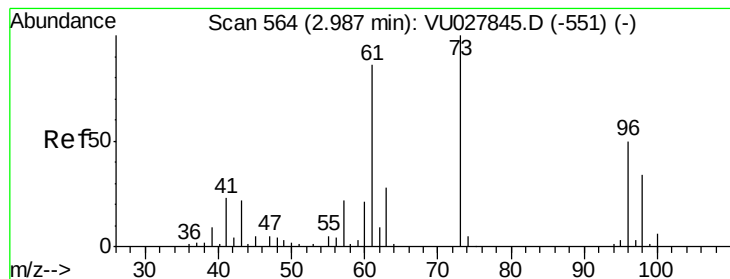
Tgt Ion: 96 Resp: 833
 Ion Ratio Lower Upper
 96 100
 61 606.5 137.3 255.1#
 63 4300.4 109.8 204.0#



#13
 Acetone
 Concen: 5.188 ug/L
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027851.D
 Acq: 29 Oct 2018 13:21

Tgt Ion: 43 Resp: 2585
 Ion Ratio Lower Upper
 43 100
 58 23.6 0.0 57.4





#17

trans-1,2-Dichloroethene

Concen: 0.728 ug/L

RT: 2.99 min Scan# 565

Delta R.T. 0.00 min

Lab File: VU027851.D

Acq: 29 Oct 2018 13:21

Instrument :

MSVOA_U

ClientSampleId :

ETBQ2RE

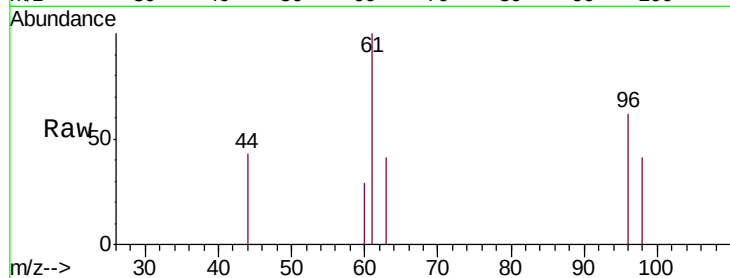
Tgt Ion: 96 Resp: 484

Ion Ratio Lower Upper

96 100

61 160.9 114.7 212.9

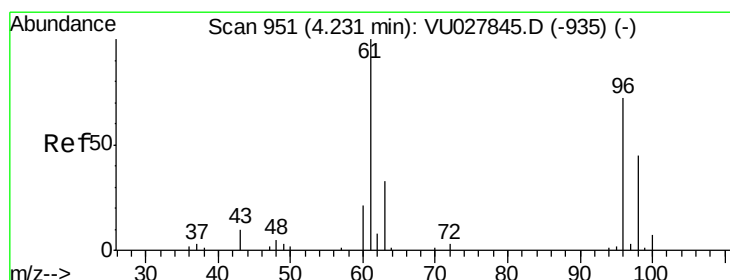
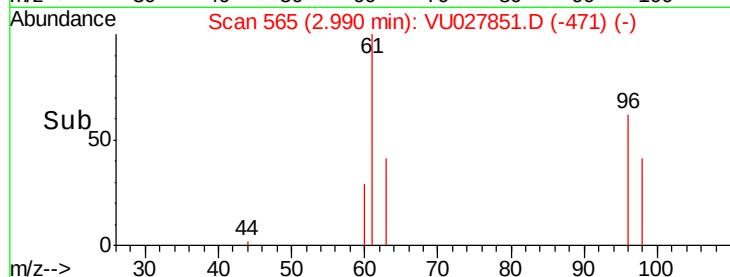
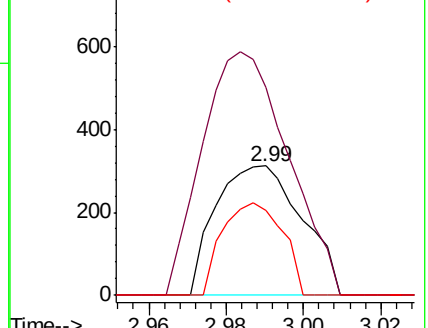
98 65.4 42.2 78.4



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 195.487 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027851.D

Acq: 29 Oct 2018 13:21

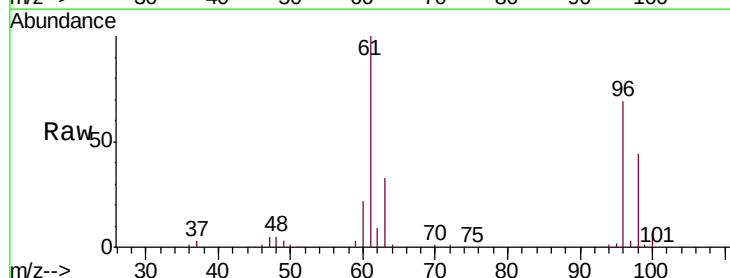
Tgt Ion: 96 Resp: 153787

Ion Ratio Lower Upper

96 100

61 144.2 104.2 193.4

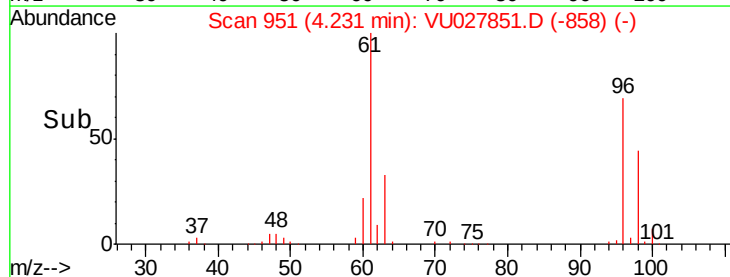
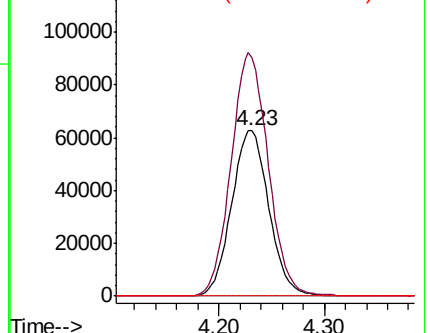
68 0.0 0.0 0.0

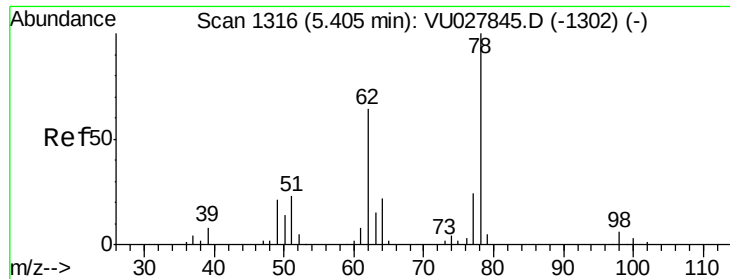


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

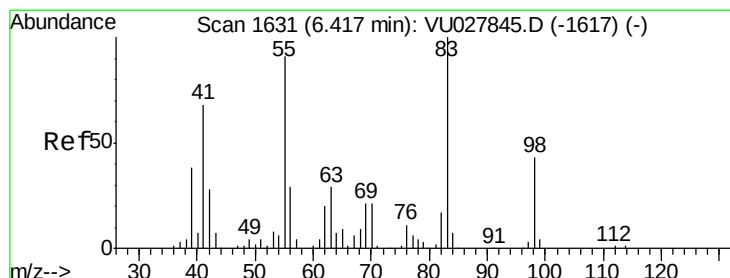
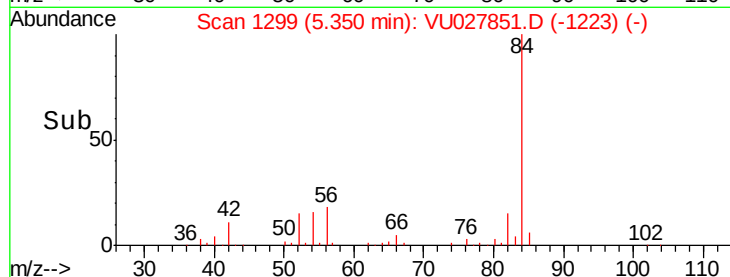
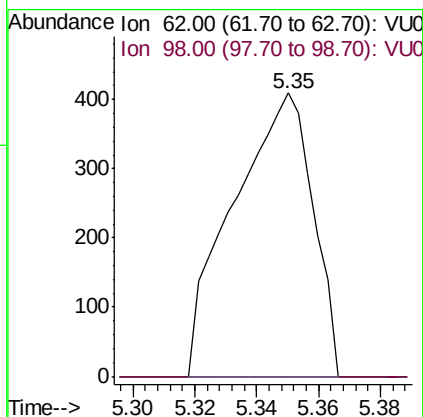
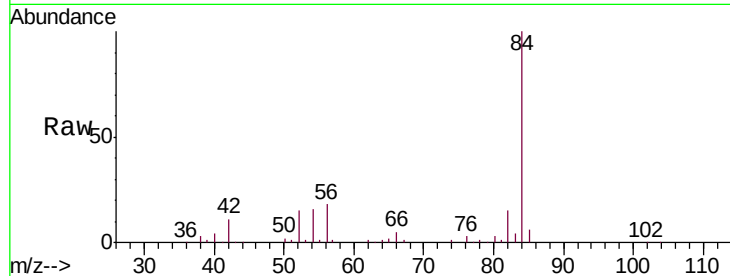




#27
 1,2-Dichloroethane
 Concen: 0.601 ug/L
 RT: 5.35 min Scan# 1299
 Delta R.T. -0.05 min
 Lab File: VU027851.D
 Acq: 29 Oct 2018 13:21

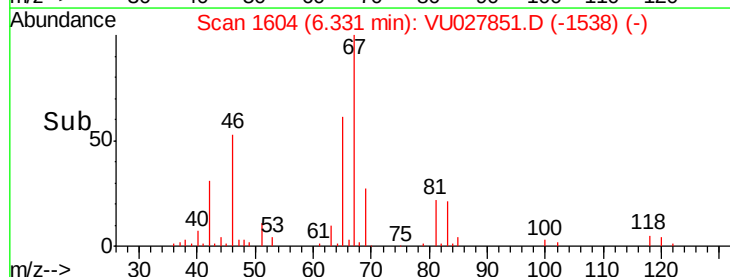
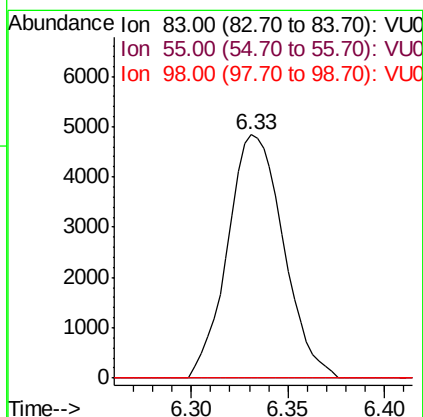
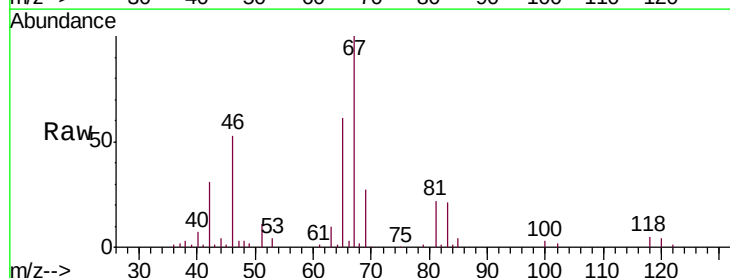
Instrument :
 MSVOA_U
 ClientSampleId :
 ETBQ2RE

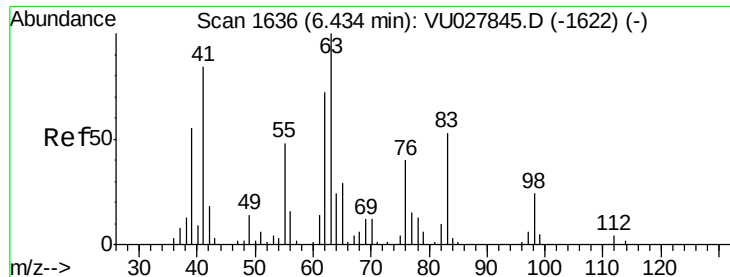
Tgt Ion: 62 Resp: 731
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 7.514 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.09 min
 Lab File: VU027851.D
 Acq: 29 Oct 2018 13:21

Tgt Ion: 83 Resp: 9713
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.9 107.9#
 98 0.0 34.6 52.0#

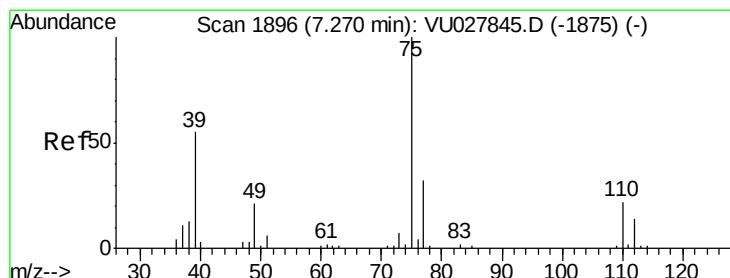
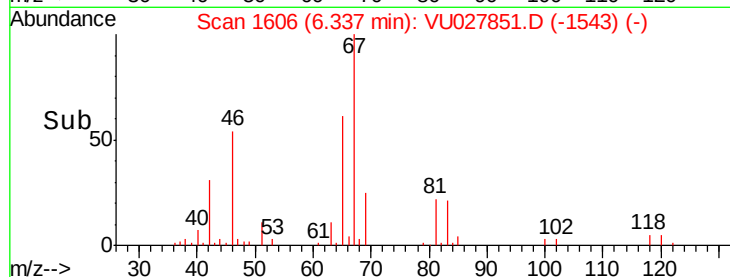
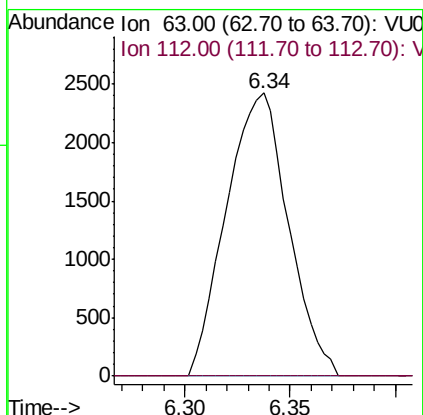
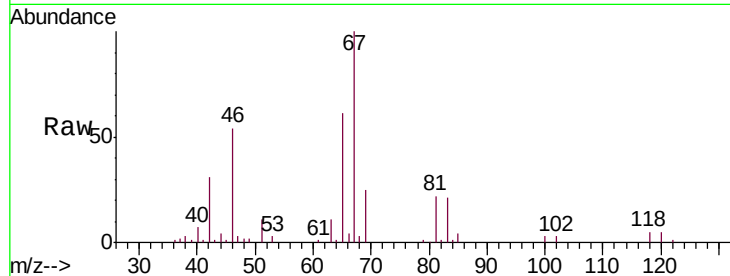




#37
 1,2-Dichloropropane
 Concen: 5.610 ug/L
 RT: 6.34 min Scan# 1606
 Delta R.T. -0.10 min
 Lab File: VU027851.D
 Acq: 29 Oct 2018 13:21

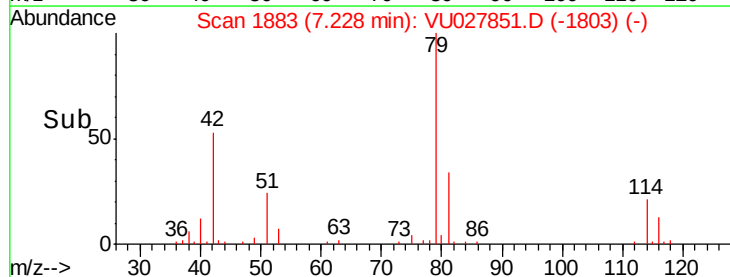
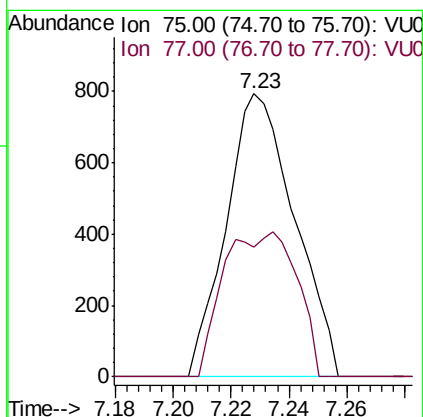
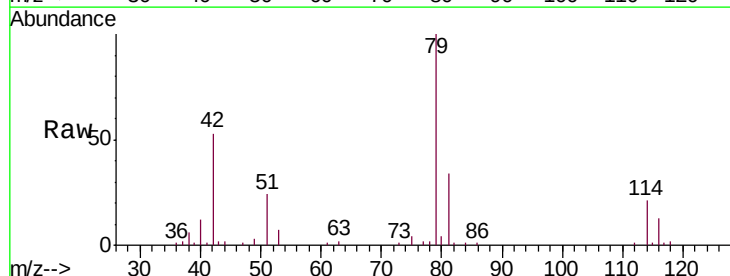
Instrument :
 MSVOA_U
 ClientSampleId :
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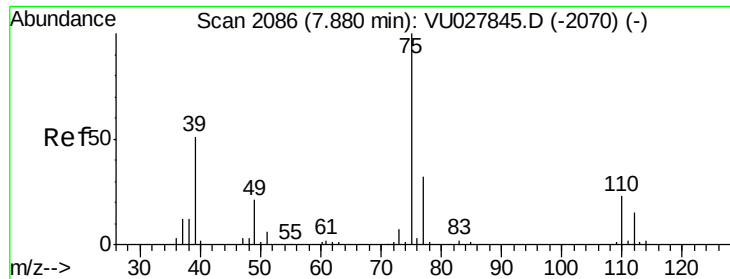
Tgt Ion: 63 Resp: 4949
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.955 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027851.D
 Acq: 29 Oct 2018 13:21

Tgt Ion: 75 Resp: 1297
 Ion Ratio Lower Upper
 75 100
 77 46.0 22.5 41.7#

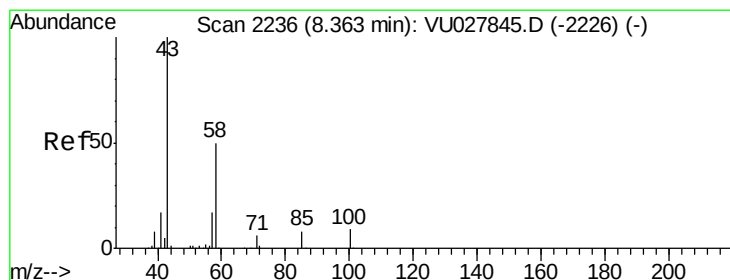
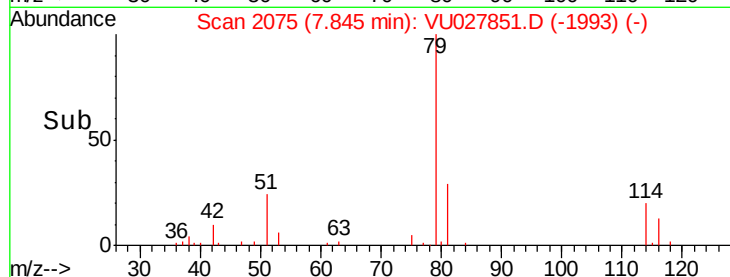
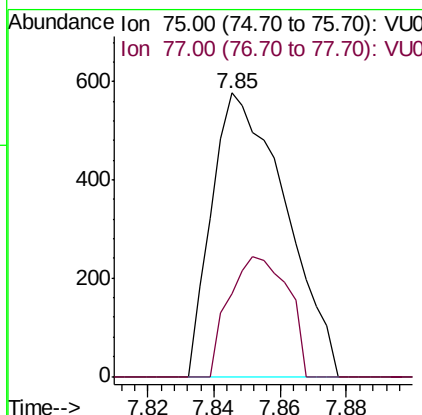
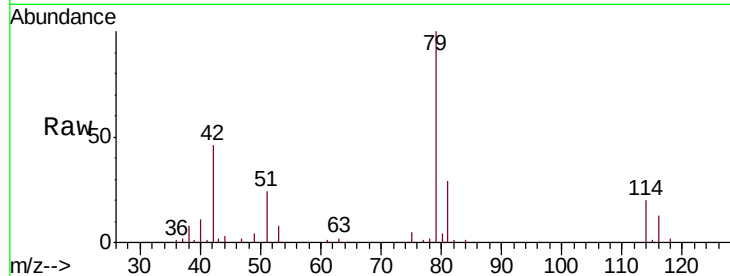




#44
 trans-1,3-Dichloropropene
 Concen: 0.693 ug/L
 RT: 7.85 min Scan# 2075
 Delta R.T. -0.04 min
 Lab File: VU027851.D
 Acq: 29 Oct 2018 13:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBQ2RE

Tgt Ion: 75 Resp: 890
 Ion Ratio Lower Upper
 75 100
 77 28.9 22.8 42.4



#48
 2-Hexanone
 Concen: 5.396 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU027851.D
 Acq: 29 Oct 2018 13:21

Tgt Ion: 43 Resp: 5933
 Ion Ratio Lower Upper
 43 100
 58 18.2 38.8 58.2#
 57 18.0 13.1 19.7
 100 0.0 6.8 10.2#

