

Data File : VU027831.D
Acq On : 26 Oct 2018 14:19
Operator : MD/SY
Sample : J5668-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBQ3

Quant Time: Oct 27 01:46:26 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	111997	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	104268	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48602	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31617	36.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.56%
7) Chloroethane-d5	1.68	69	26434	39.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.27	63	46575	29.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.36%#
21) 2-Butanone-d5	4.18	46	74261	100.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.00%
24) Chloroform-d	4.65	84	66969	42.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.50%
26) 1,2-Dichloroethane-d4	5.31	65	48417	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
32) Benzene-d6	5.34	84	127211	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.68%
36) 1,2-Dichloropropane-d6	6.33	67	47178	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.00%
41) Toluene-d8	7.57	98	114419	41.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.54%
43) trans-1,3-Dichloropropene-	7.85	79	21457	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.36%
47) 2-Hexanone-d5	8.31	63	53569	98.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63411	46.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	45099	45.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

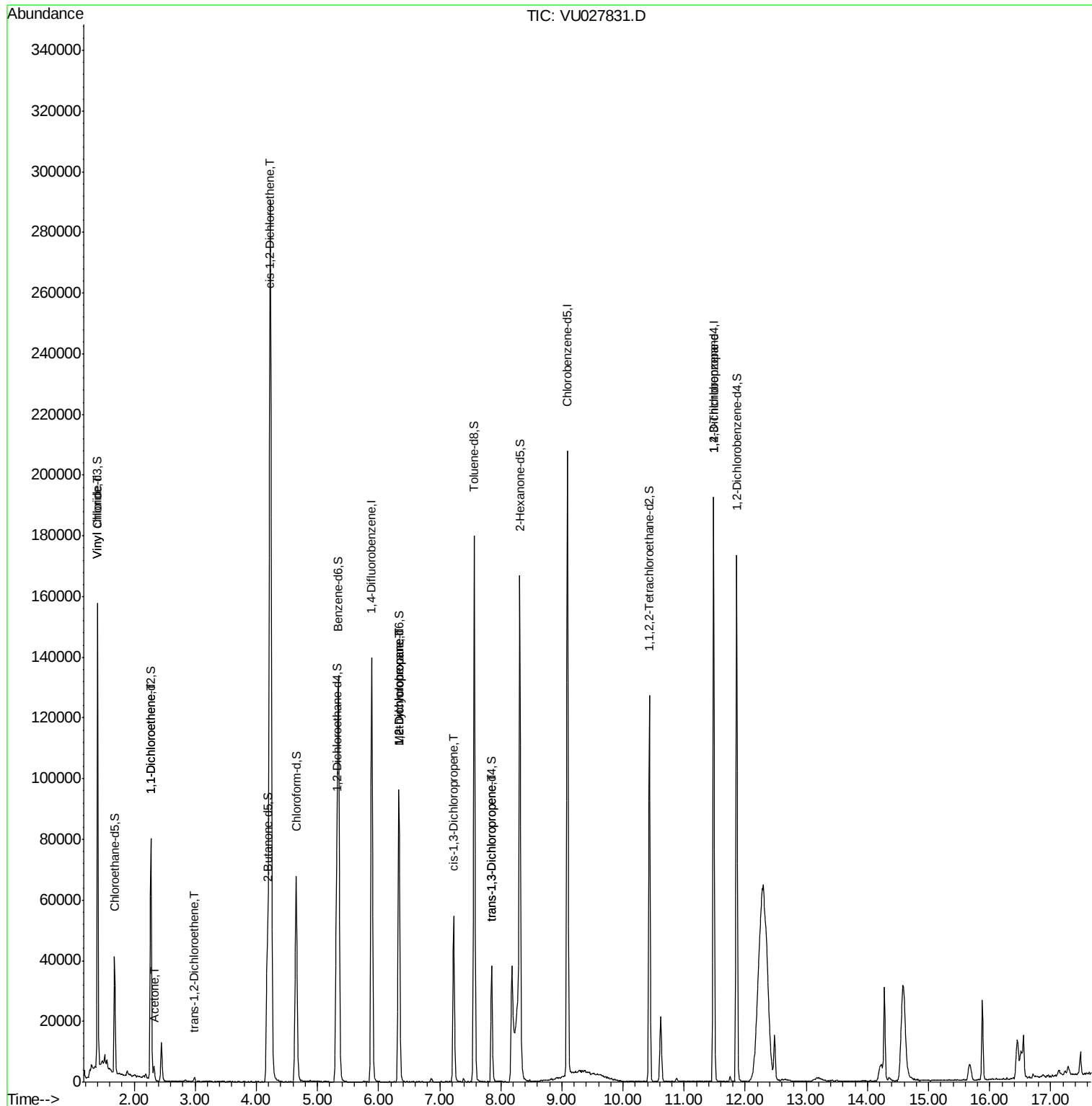
						Qvalue
5) Vinyl chloride	1.40	62	69058	68.281	ug/L	93
12) 1,1-Dichloroethene	2.28	96	672	1.077	ug/L #	1
13) Acetone	2.33	43	4665	9.018	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	569	0.824	ug/L	86
20) cis-1,2-Dichloroethene	4.23	96	153173	187.556	ug/L	98
35) Methylcyclohexane	6.33	83	10341	7.700	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	5076	5.539	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1153	0.817	ug/L #	58
44) trans-1,3-Dichloropropene	7.85	75	786	0.589	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	5961	5.503	ug/L	92

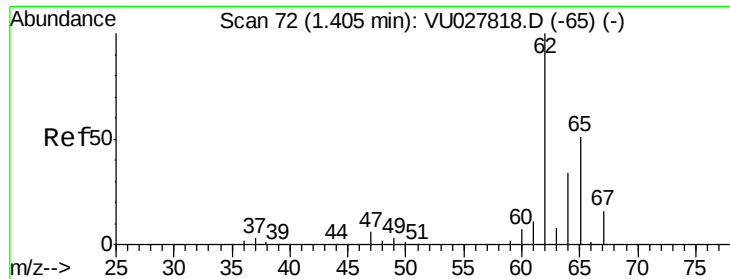
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 68.281 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

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ClientSampleId :

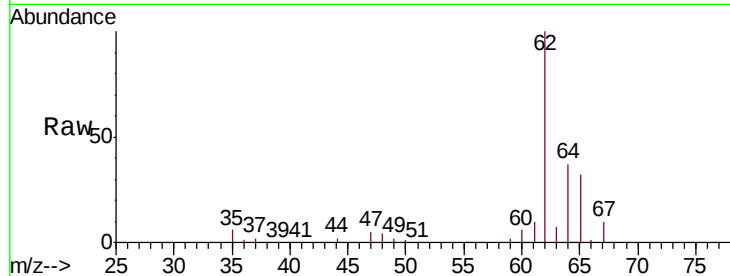
ETBQ3

Tgt Ion: 62 Resp: 69058

Ion Ratio Lower Upper

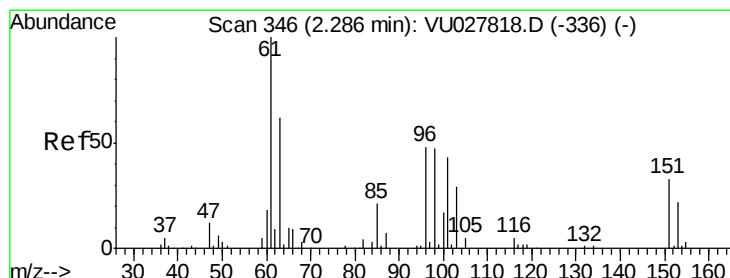
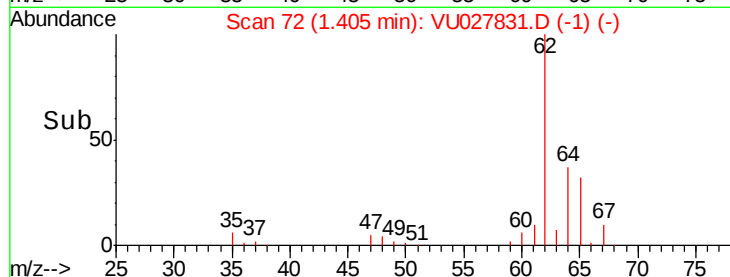
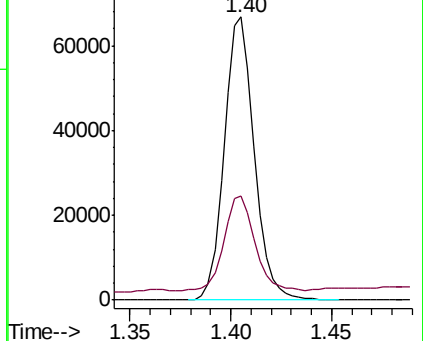
62 100

64 36.9 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: 1.077 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027831.D

Acq: 26 Oct 2018 14:19

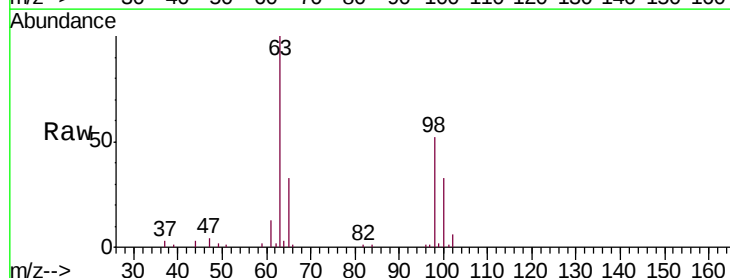
Tgt Ion: 96 Resp: 672

Ion Ratio Lower Upper

96 100

61 944.4 137.3 255.1#

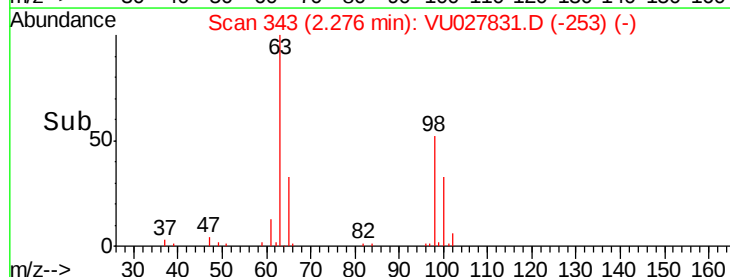
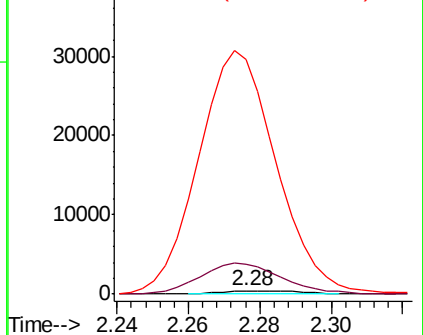
63 7337.0 109.8 204.0#

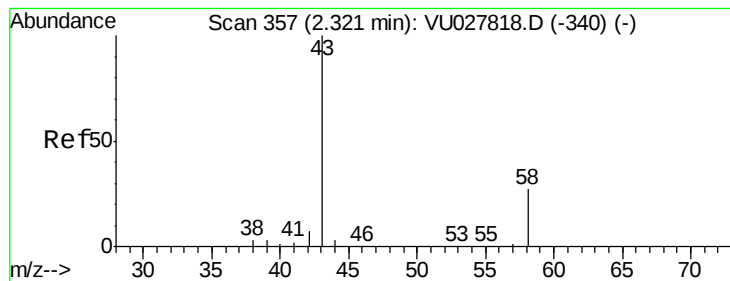


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 9.018 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

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Acq: 26 Oct 2018 14:19

Instrument :

MSVOA_U

ClientSampleId :

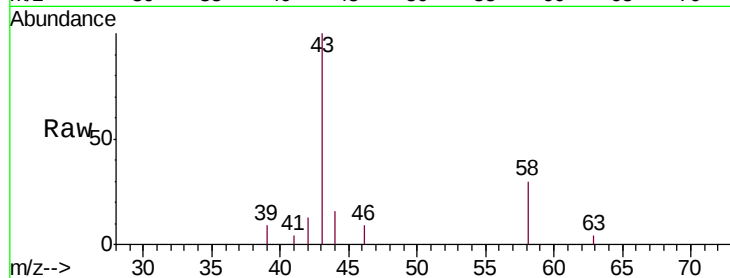
ETBQ3

Tgt Ion: 43 Resp: 4665

Ion Ratio Lower Upper

43 100

58 29.3 0.0 57.4



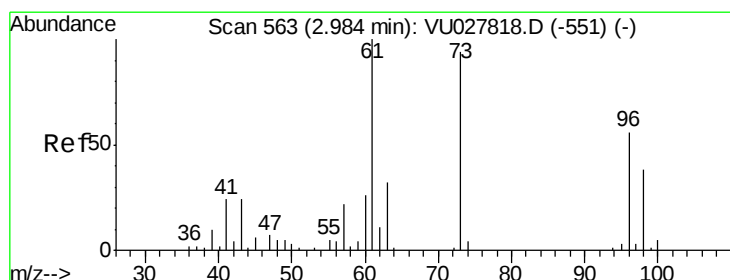
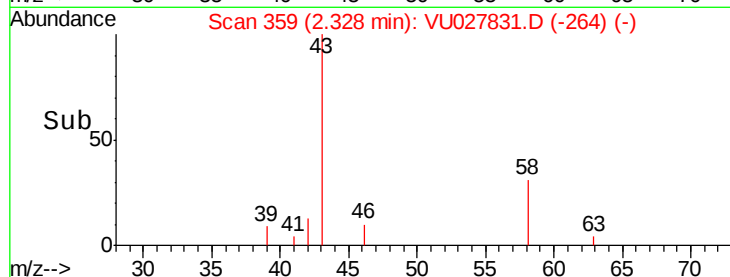
Abundance Ion 43.00 (42.70 to 43.70): VU027831.D (-340) (-)

Ion 58.00 (57.70 to 58.70): VU027831.D (-340) (-)

2.33

2.30 2.35

Time-->



#17

trans-1,2-Dichloroethene

Concen: 0.824 ug/L

RT: 2.99 min Scan# 565

Delta R.T. 0.01 min

Lab File: VU027831.D

Acq: 26 Oct 2018 14:19

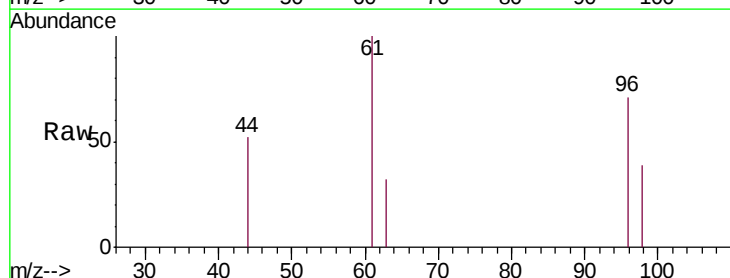
Tgt Ion: 96 Resp: 569

Ion Ratio Lower Upper

96 100

61 140.5 114.7 212.9

98 55.4 42.2 78.4



Abundance Ion 96.00 (95.70 to 96.70): VU027831.D (-551) (-)

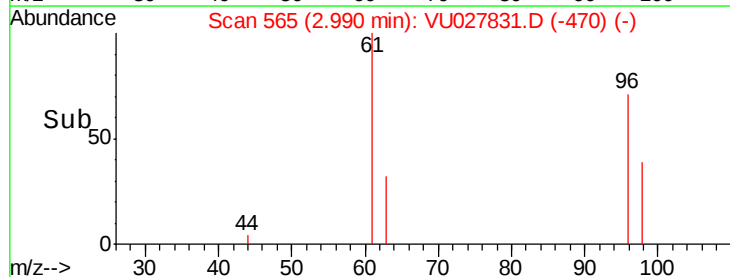
Ion 61.00 (60.70 to 61.70): VU027831.D (-551) (-)

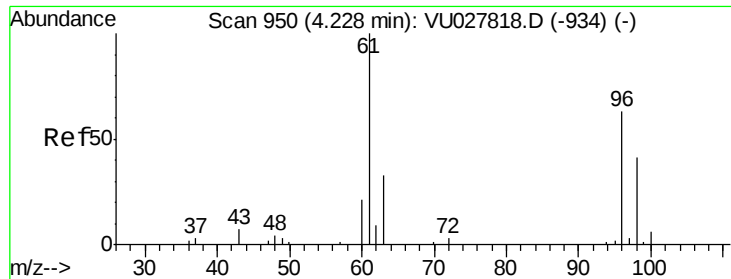
Ion 98.00 (97.70 to 98.70): VU027831.D (-551) (-)

2.99

2.96 2.98 3.00 3.02

Time-->

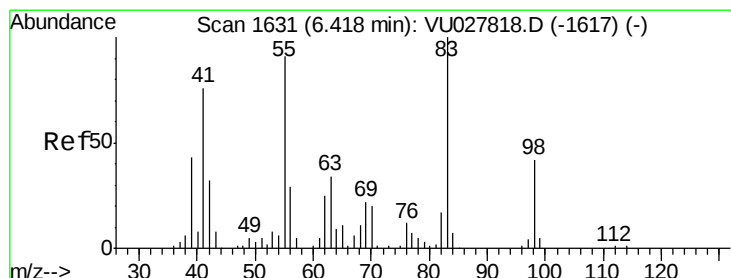
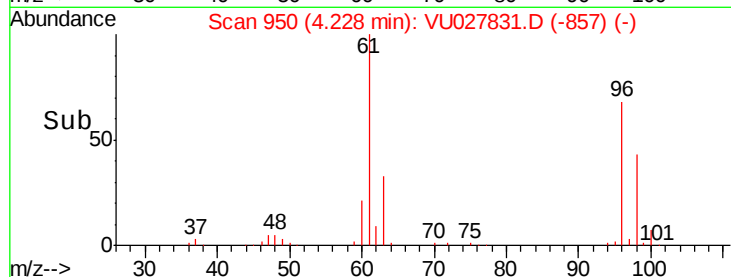
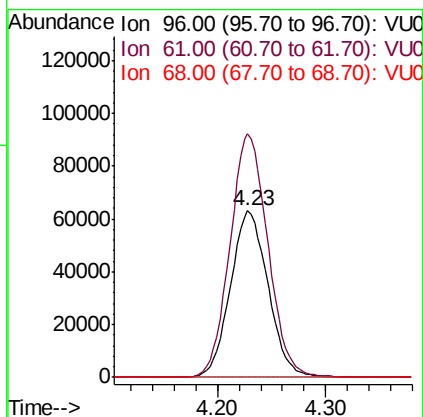
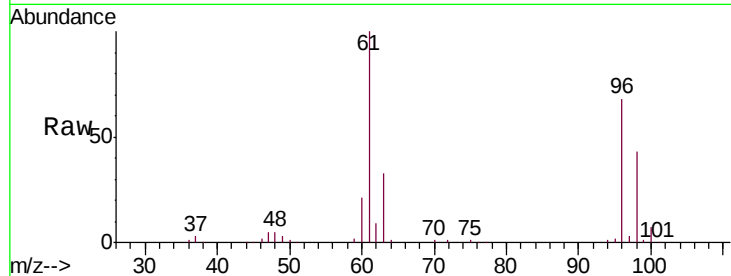




#20
 cis-1,2-Dichloroethene
 Concen: 187.556 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027831.D
 Acq: 26 Oct 2018 14:19

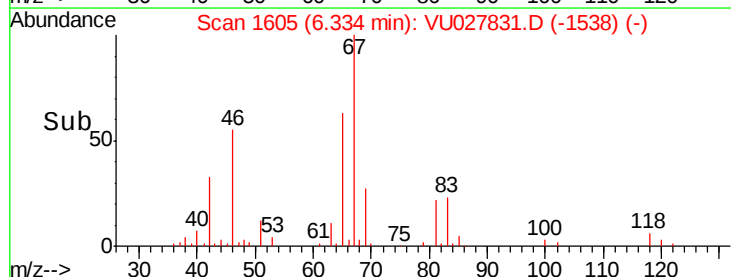
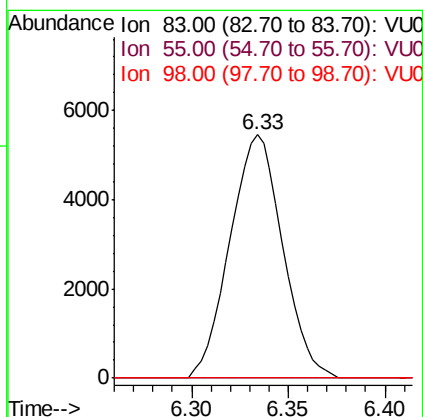
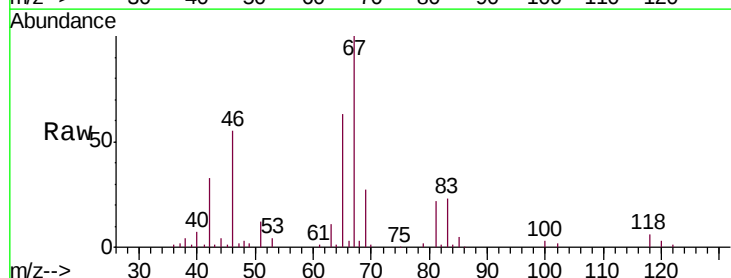
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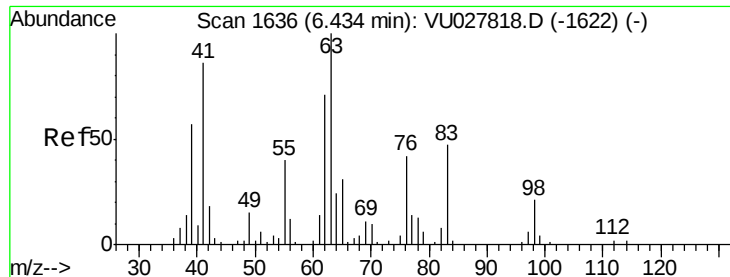
Tgt Ion: 96 Resp: 153173
 Ion Ratio Lower Upper
 96 100
 61 146.3 104.2 193.4
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 7.700 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.08 min
 Lab File: VU027831.D
 Acq: 26 Oct 2018 14:19

Tgt Ion: 83 Resp: 10341
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.9 107.9#
 98 0.0 34.6 52.0#

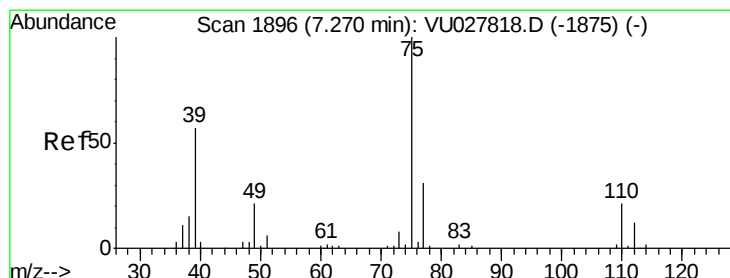
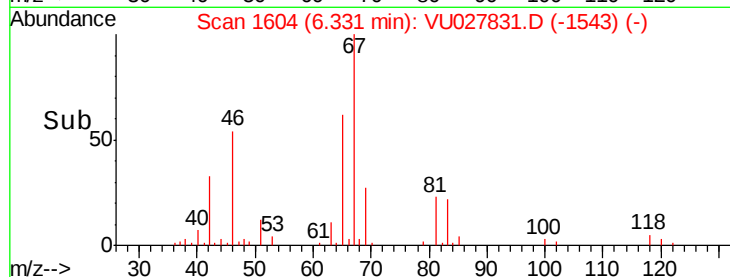
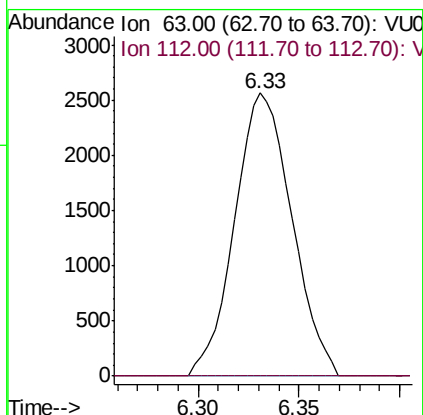
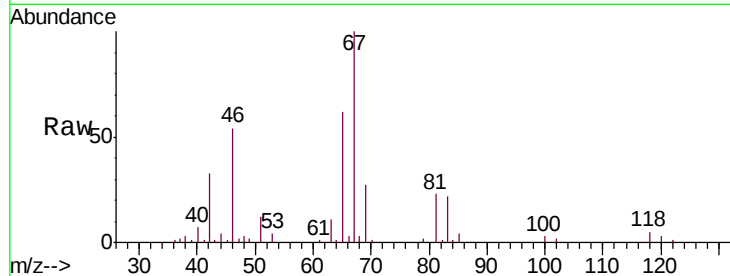




#37
 1,2-Dichloropropane
 Concen: 5.539 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027831.D
 Acq: 26 Oct 2018 14:19

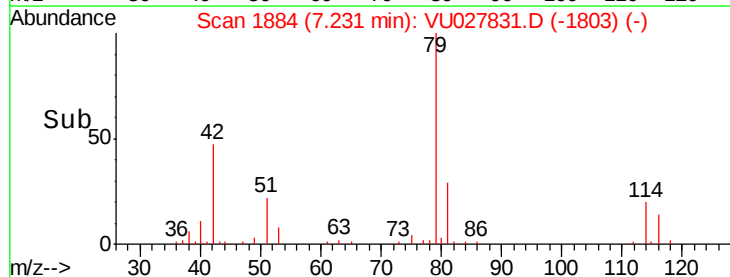
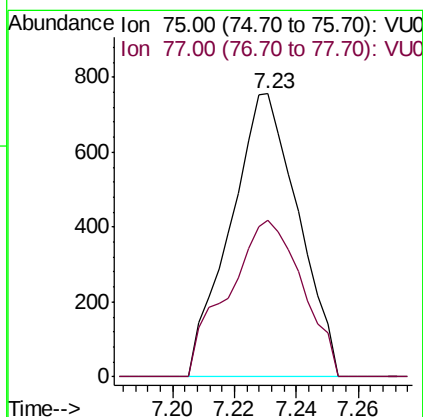
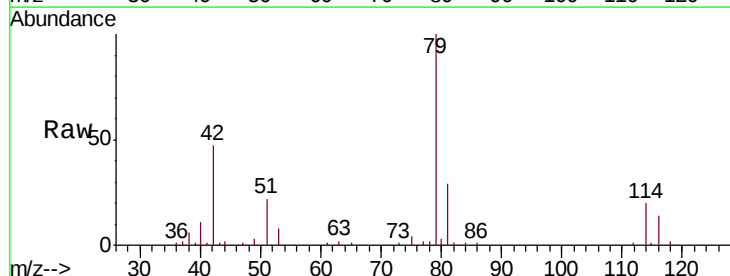
Instrument :
 MSVOA_U
 ClientSampleId :
 ETBQ3

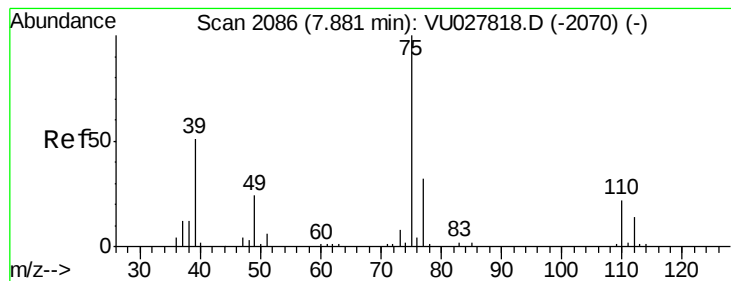
Tgt Ion: 63 Resp: 5076
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.817 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027831.D
 Acq: 26 Oct 2018 14:19

Tgt Ion: 75 Resp: 1153
 Ion Ratio Lower Upper
 75 100
 77 55.4 22.5 41.7#





#44

trans-1,3-Dichloropropene

Concen: 0.589 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027831.D

Acq: 26 Oct 2018 14:19

Instrument :

MSVOA_U

ClientSampleId :

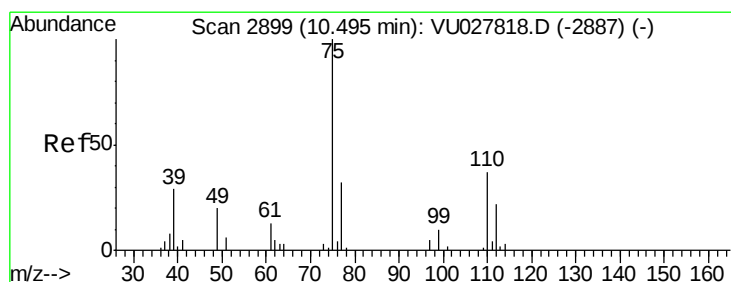
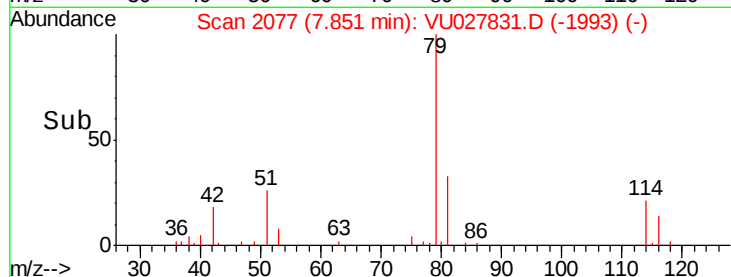
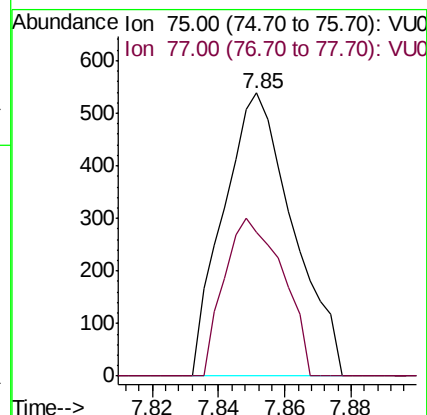
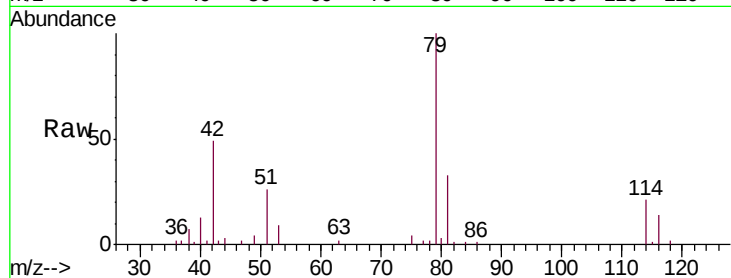
ETBQ3

Tgt Ion: 75 Resp: 786

Ion Ratio Lower Upper

75 100

77 50.7 22.8 42.4#



#59

1,2,3-Trichloropropane

Concen: 5.503 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027831.D

Acq: 26 Oct 2018 14:19

Tgt Ion: 75 Resp: 5961

Ion Ratio Lower Upper

75 100

77 37.9 26.5 39.7

