

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U101518\
 Data File : VU027659.D
 Acq On : 15 Oct 2018 11:59
 Operator : MD/SY
 Sample : J5403-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0904RE

Quant Time: Oct 16 07:48:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 16 07:44:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	194996	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	177358	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71043	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62517	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.48%
7) Chloroethane-d5	1.68	69	55162	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.32%
11) 1,1-Dichloroethene-d2	2.27	63	94753	32.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.84%
21) 2-Butanone-d5	4.18	46	134953	108.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.94%
24) Chloroform-d	4.65	84	124921	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.31	65	87665	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
32) Benzene-d6	5.34	84	250356	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
36) 1,2-Dichloropropane-d6	6.33	67	91079	52.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.62%
41) Toluene-d8	7.57	98	201488	44.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.70%
43) trans-1,3-Dichloropropene-	7.85	79	37711	44.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.90%
47) 2-Hexanone-d5	8.31	63	93496	106.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119862	52.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	72908	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%

Target Compounds

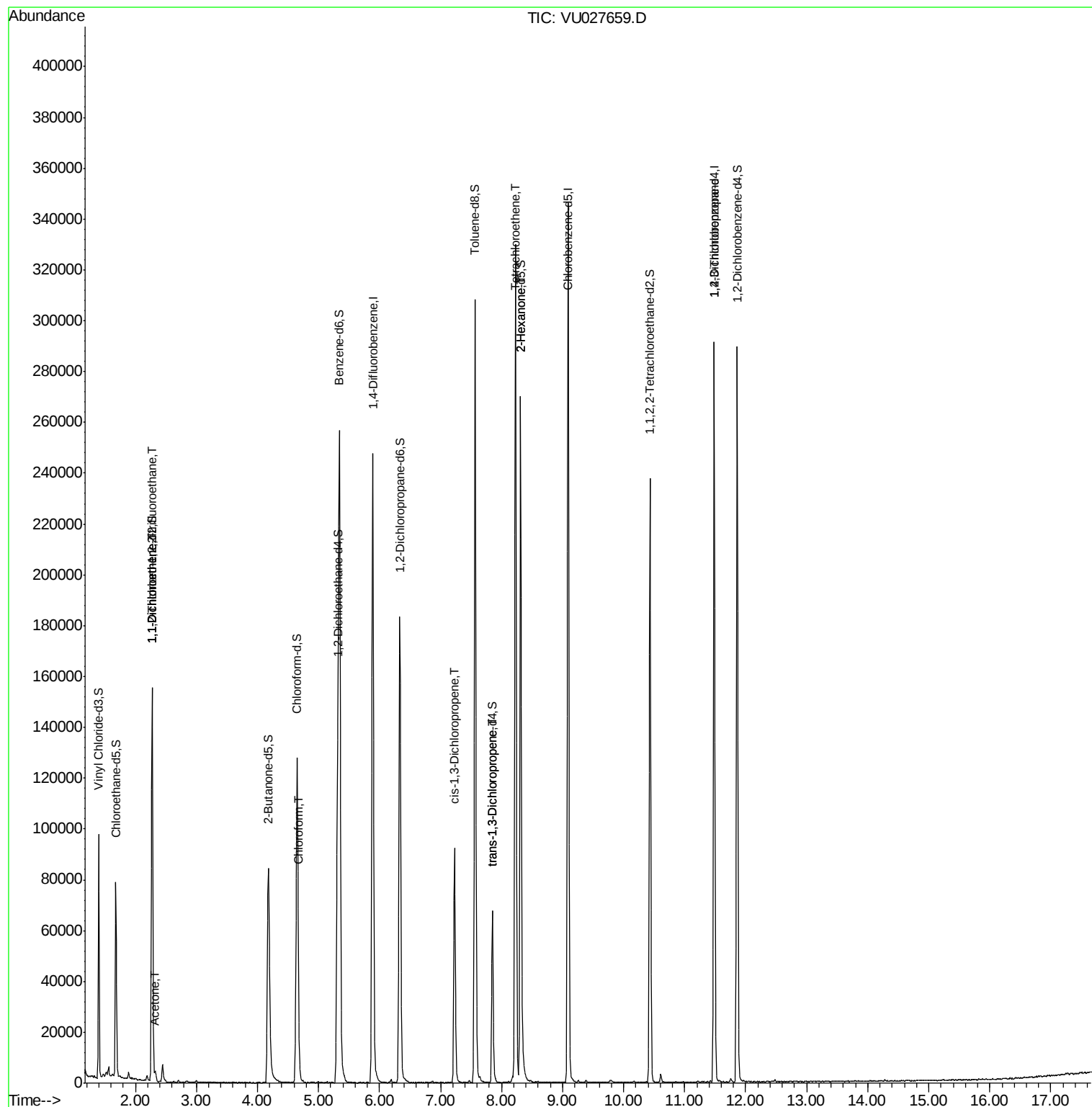
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	922	0.715	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	830	0.659	ug/L #	1
13) Acetone	2.32	43	3339	3.286	ug/L	89
25) Chloroform	4.68	83	3734	1.342	ug/L	97
39) cis-1,3-Dichloropropene	7.23	75	2059	0.830	ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	1648	0.716	ug/L	98
46) Tetrachloroethene	8.23	164	73201	70.271	ug/L	99
48) 2-Hexanone	8.31	43	11272	5.773	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	10003	5.232	ug/L	92

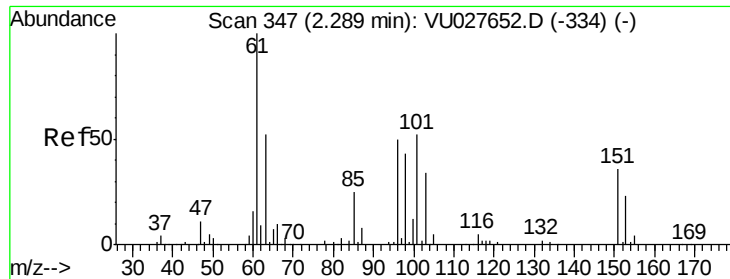
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.715 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027659.D

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MSVOA_U

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C0904RE

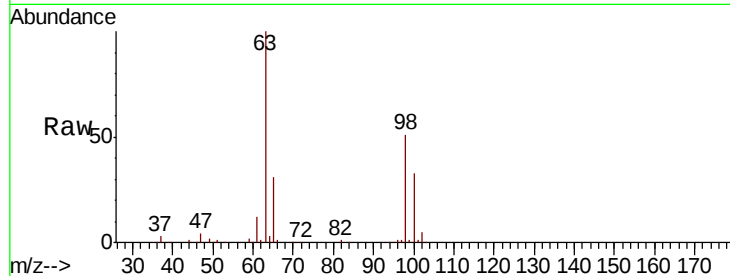
Tgt Ion:101 Resp: 922

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

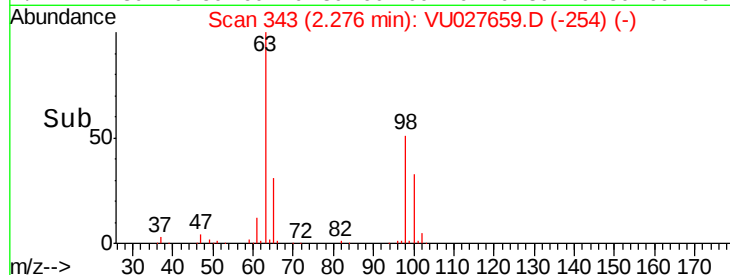
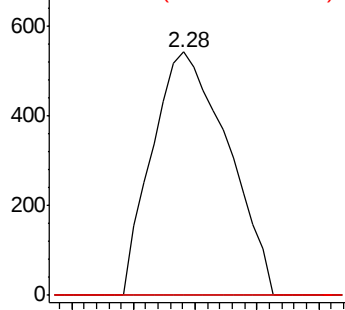
151 0.0 55.7 83.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.659 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU027659.D

Acq: 15 Oct 2018 11:59

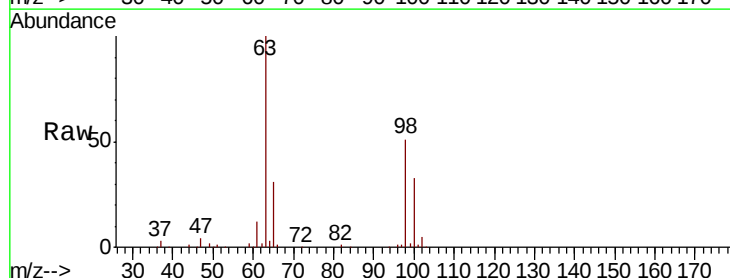
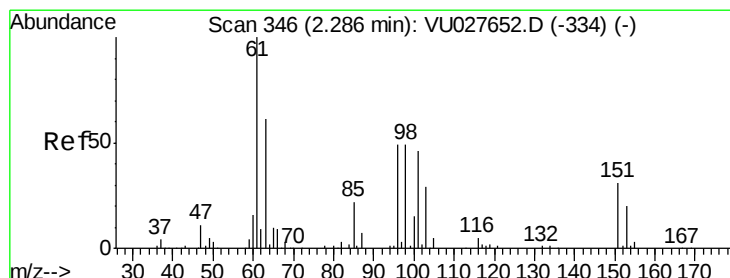
Tgt Ion: 96 Resp: 830

Ion Ratio Lower Upper

96 100

61 1197.9 135.2 251.0#

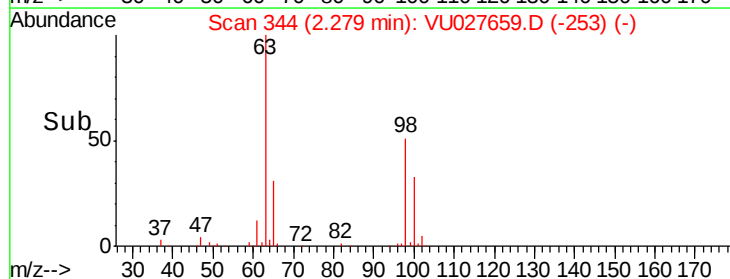
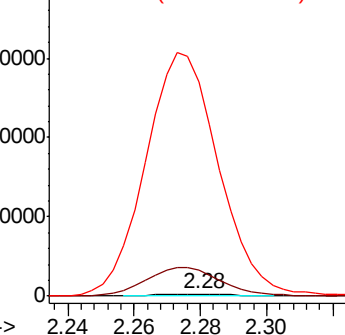
63 10084.5 94.3 175.1#

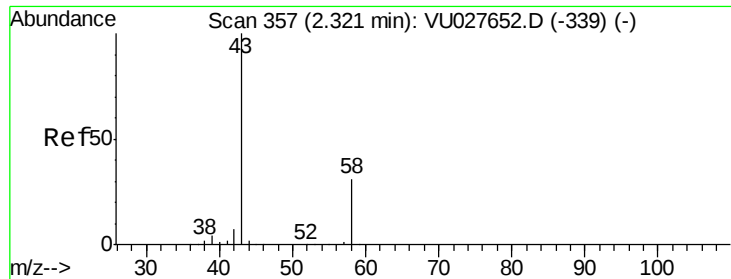


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.286 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027659.D

Acq: 15 Oct 2018 11:59

Instrument :

MSVOA_U

ClientSampleId :

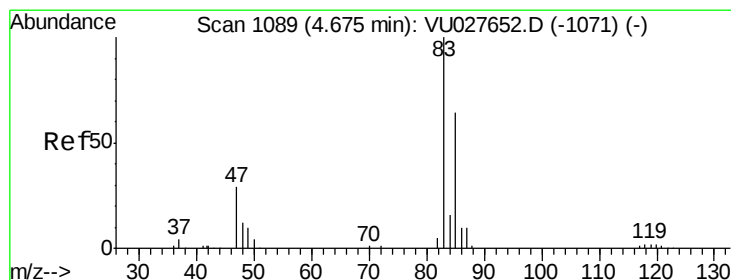
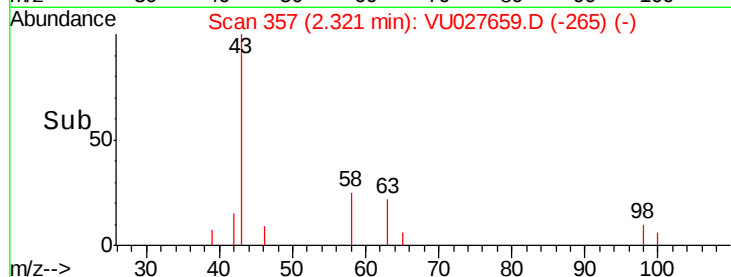
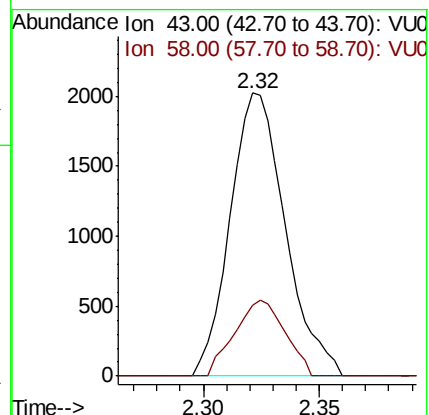
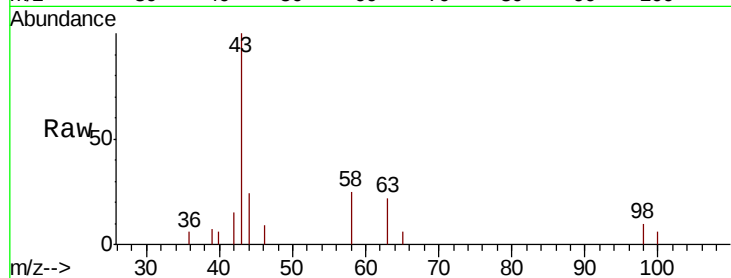
C0904RE

Tgt Ion: 43 Resp: 3339

Ion Ratio Lower Upper

43 100

58 24.6 0.0 60.8



#25

Chloroform

Concen: 1.342 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VU027659.D

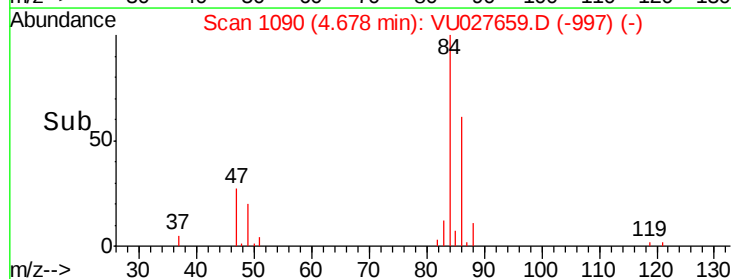
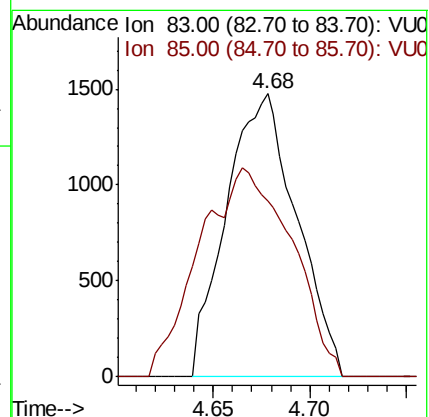
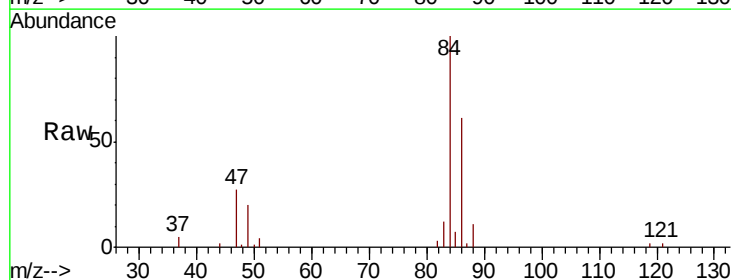
Acq: 15 Oct 2018 11:59

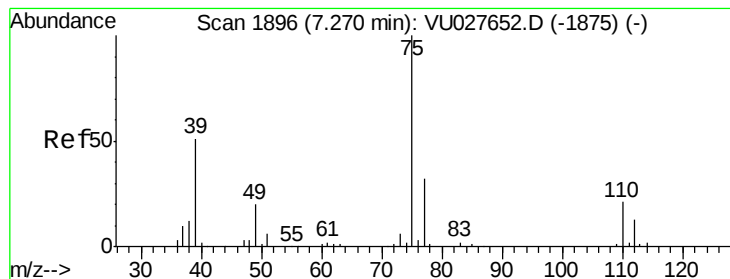
Tgt Ion: 83 Resp: 3734

Ion Ratio Lower Upper

83 100

85 62.0 45.0 83.6



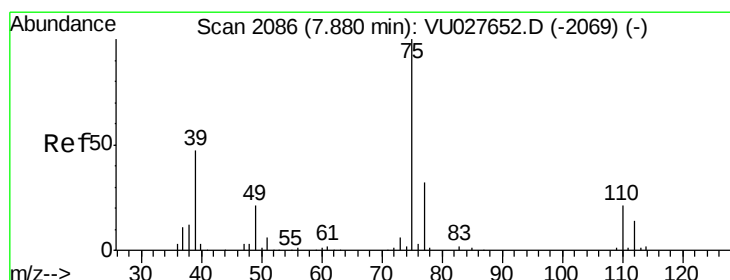
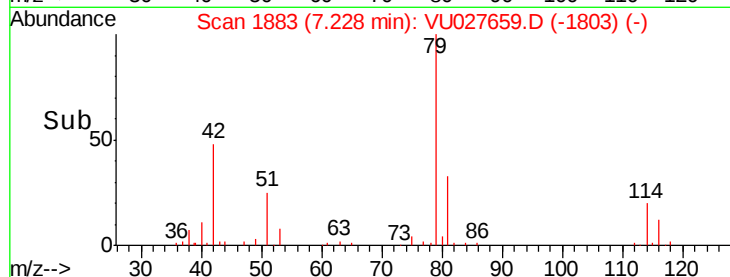
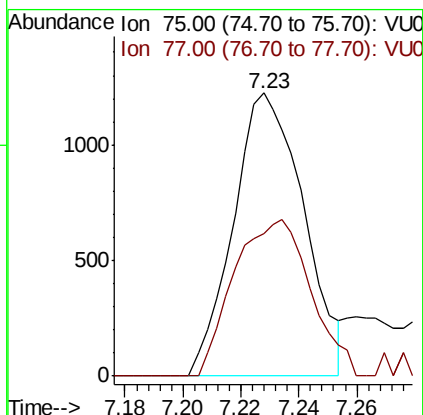
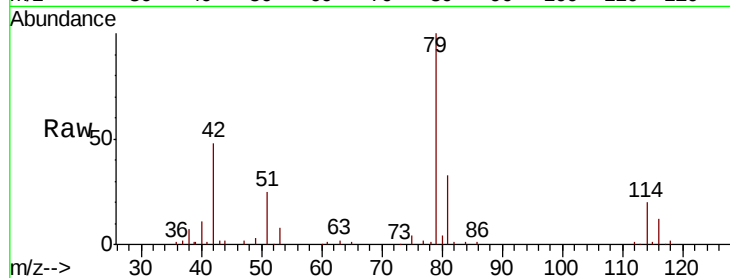


#39

cis-1,3-Dichloropropene
Concen: 0.830 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027659.D
Acq: 15 Oct 2018 11:59

Instrument :
MSVOA_U
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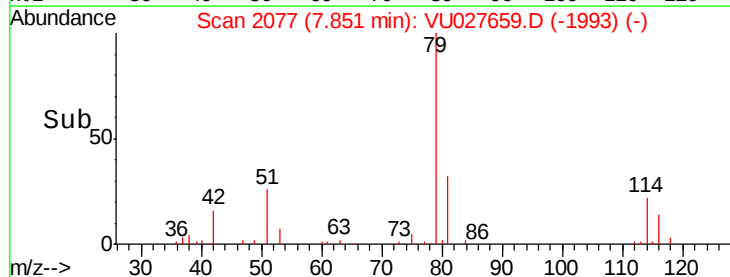
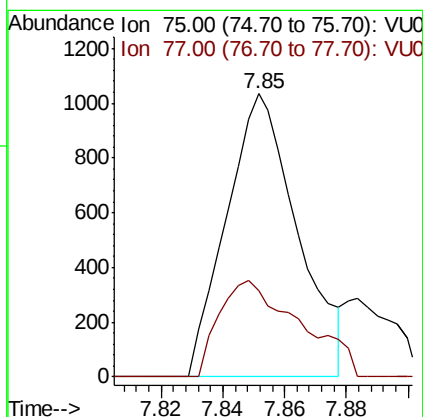
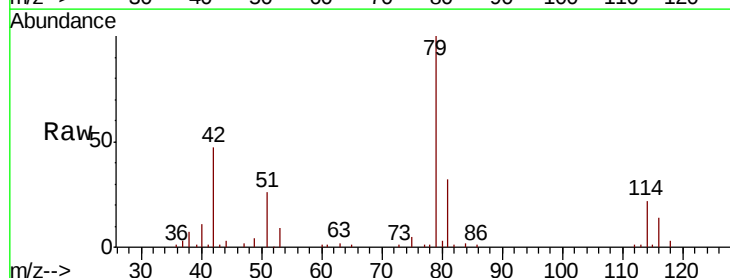
Tgt Ion: 75 Resp: 2059
Ion Ratio Lower Upper
75 100
77 50.2 22.1 41.1#

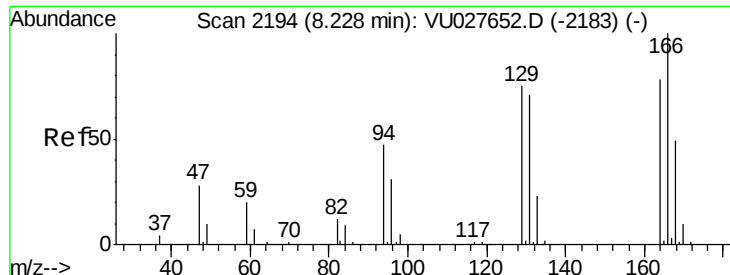


#44

trans-1,3-Dichloropropene
Concen: 0.716 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027659.D
Acq: 15 Oct 2018 11:59

Tgt Ion: 75 Resp: 1648
Ion Ratio Lower Upper
75 100
77 30.4 22.2 41.2

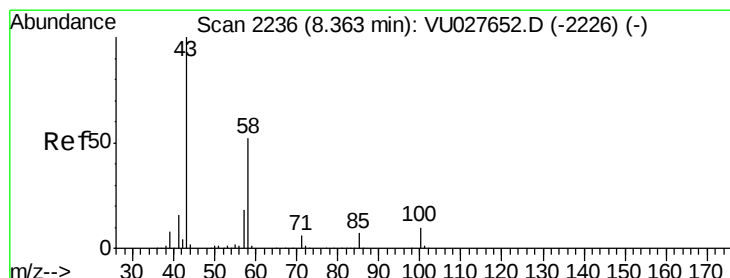
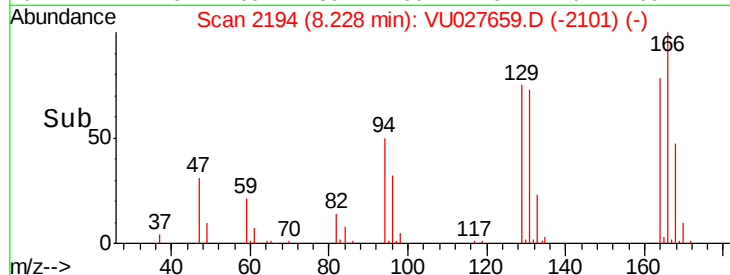
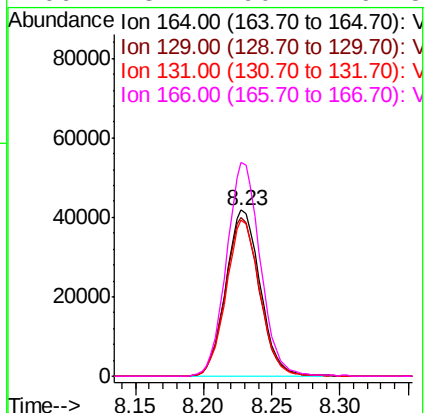
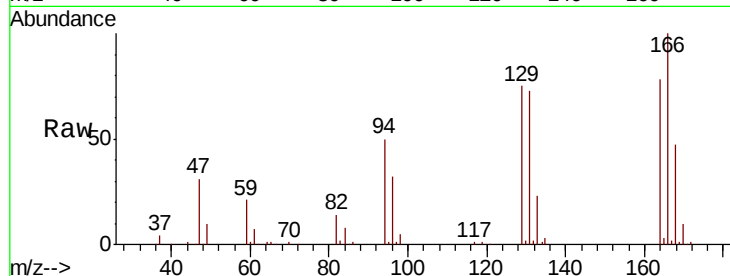




#46
Tetrachloroethene
Concen: 70.271 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027659.D
Acq: 15 Oct 2018 11:59

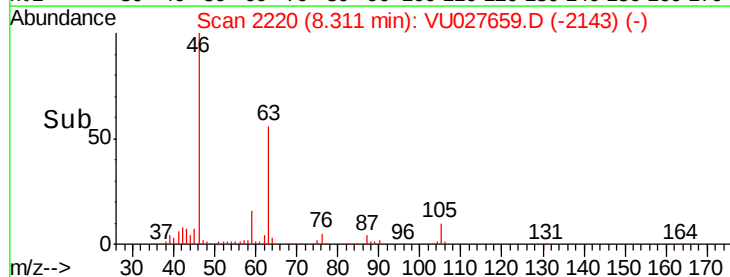
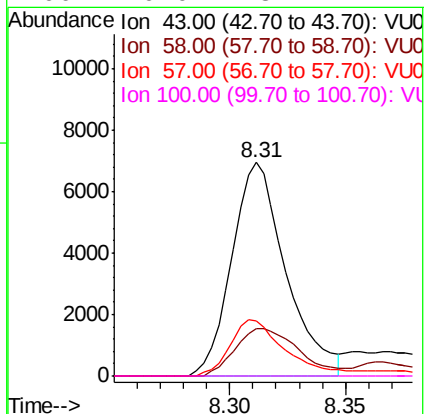
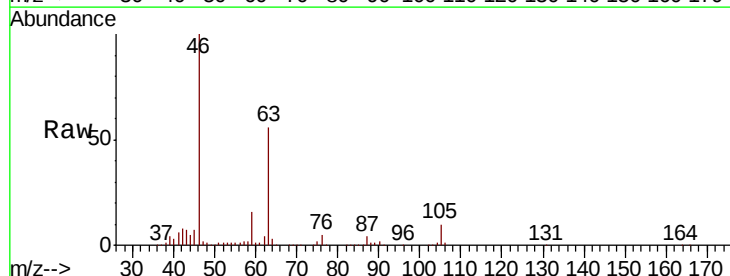
Instrument :
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ClientSampleId :
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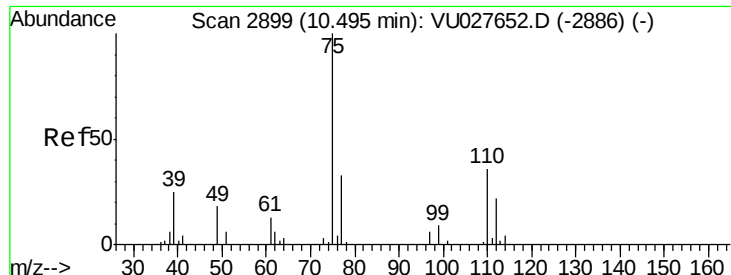
Tgt Ion:164 Resp: 73201
Ion Ratio Lower Upper
164 100
129 96.0 67.0 124.4
131 94.0 65.1 120.9
166 128.7 90.4 167.8



#48
2-Hexanone
Concen: 5.773 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027659.D
Acq: 15 Oct 2018 11:59

Tgt Ion: 43 Resp: 11272
Ion Ratio Lower Upper
43 100
58 26.3 42.7 64.1#
57 26.4 14.5 21.7#
100 0.0 8.2 12.2#





#59

1,2,3-Trichloropropane

Concen: 5.232 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027659.D

Acq: 15 Oct 2018 11:59

Instrument :

MSVOA_U

ClientSampleId :

C0904RE

Tgt Ion: 75 Resp: 10003

Ion Ratio Lower Upper

75 100

77 36.8 25.7 38.5

