

Data File : VU027503.D
Acq On : 08 Oct 2018 16:52
Operator : MD/SY
Sample : VU1008WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK54

Quant Time: Oct 09 05:22:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 05:21:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	193240	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	184769	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83838	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67796	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.16%
7) Chloroethane-d5	1.68	69	56277	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.08%
11) 1,1-Dichloroethene-d2	2.27	63	100738	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	4.18	46	135637	110.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.48%
24) Chloroform-d	4.65	84	126438	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.96%
26) 1,2-Dichloroethane-d4	5.31	65	88584	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.94%
32) Benzene-d6	5.34	84	257080	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.10%
36) 1,2-Dichloropropane-d6	6.33	67	92236	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.70%
41) Toluene-d8	7.57	98	216837	45.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.62%
43) trans-1,3-Dichloropropene-	7.85	79	40895	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.58%
47) 2-Hexanone-d5	8.31	63	95501	104.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119248	50.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	80989	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%

Target Compounds

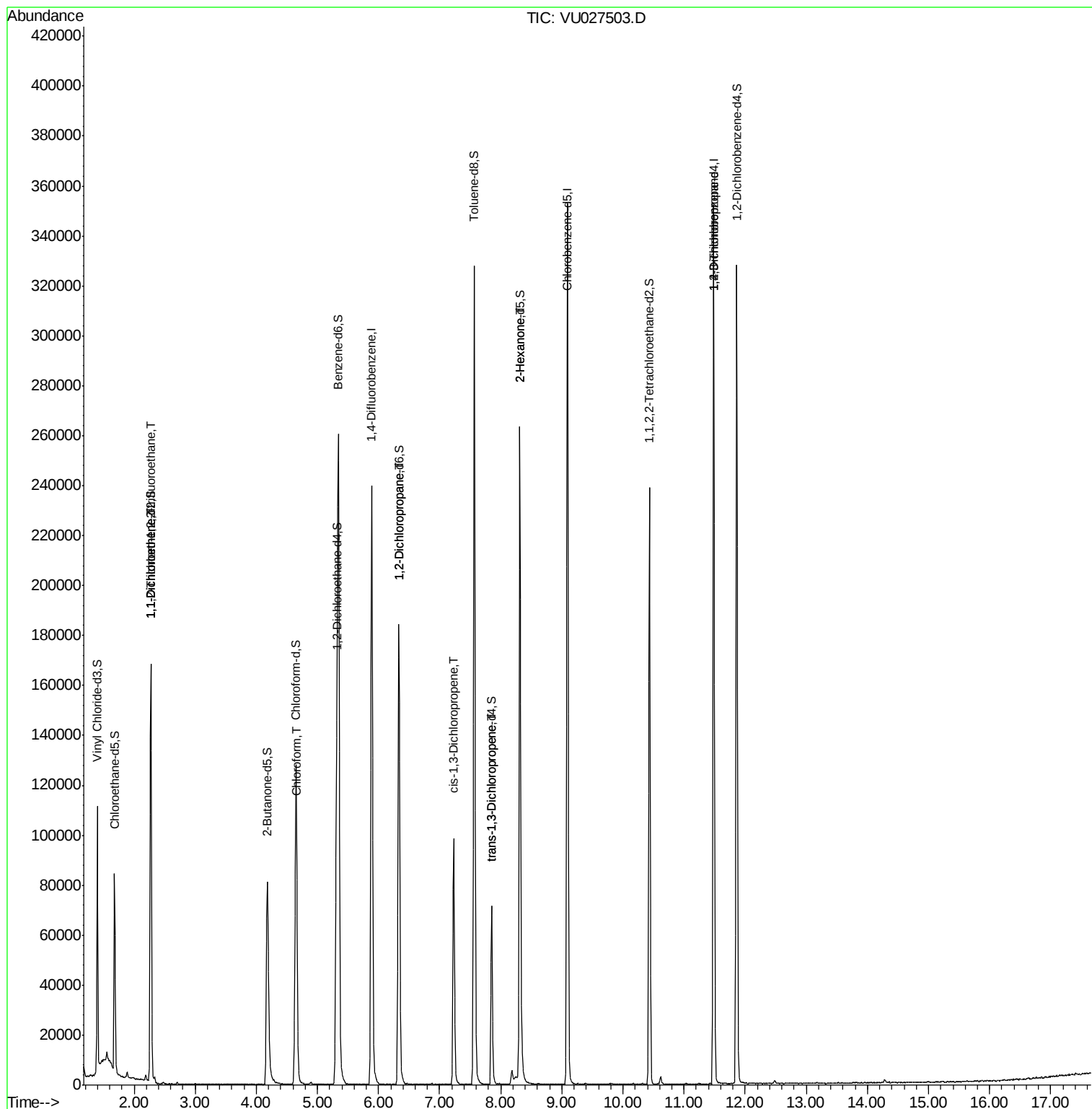
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	893	0.698 ug/L #	21
12) 1,1-Dichloroethene	2.28	96	790	0.633 ug/L #	1
25) Chloroform	4.67	83	1472	0.534 ug/L	77
37) 1,2-Dichloropropane	6.33	63	10169	5.781 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2450	0.948 ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	1581	0.659 ug/L	89
48) 2-Hexanone	8.31	43	11360	5.585 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	11941	5.996 ug/L	90

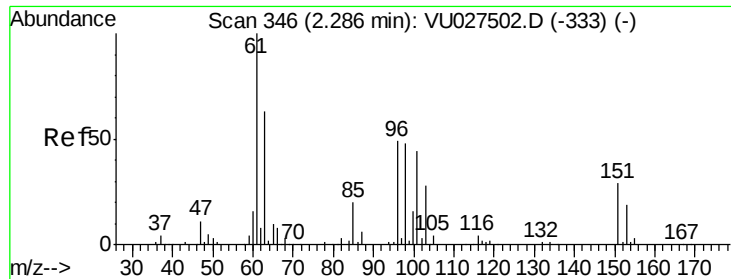
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.698 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU027503.D

Acq: 08 Oct 2018 16:52

Instrument :

MSVOA_U

ClientSampleId :

VBLK54

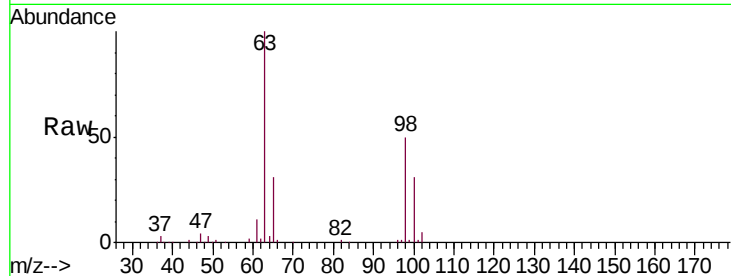
Tgt Ion: 101 Resp: 893

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

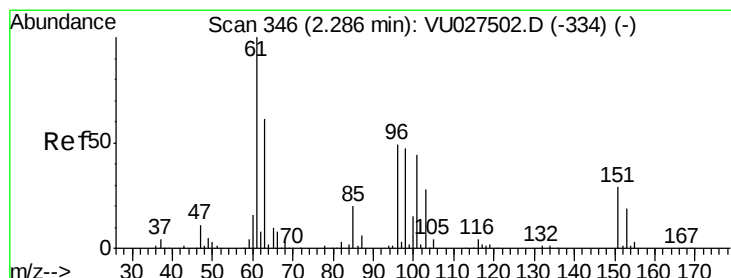
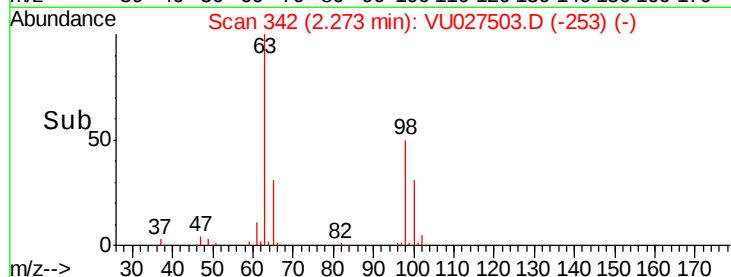
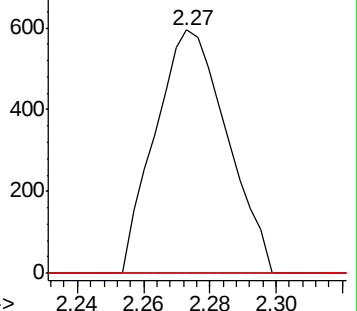
151 0.0 55.7 83.5#



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: 0.633 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027503.D

Acq: 08 Oct 2018 16:52

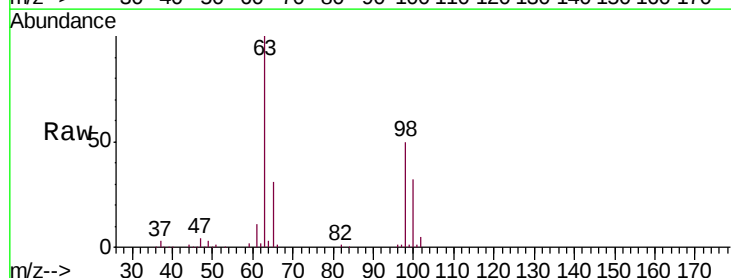
Tgt Ion: 96 Resp: 790

Ion Ratio Lower Upper

96 100

61 1334.2 135.2 251.0#

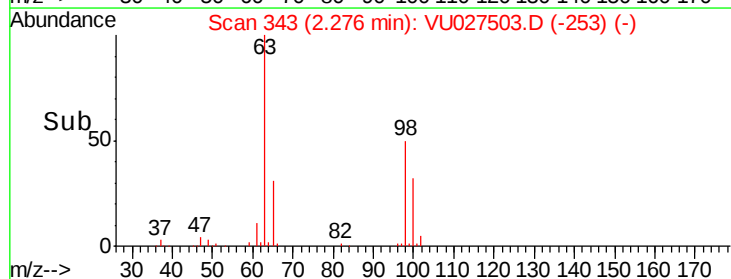
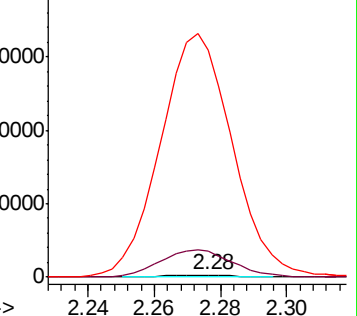
63 11906.2 94.3 175.1#

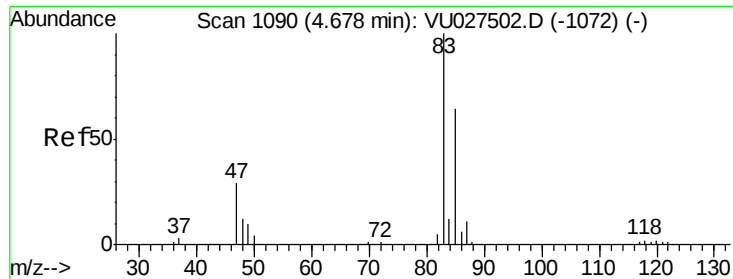


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

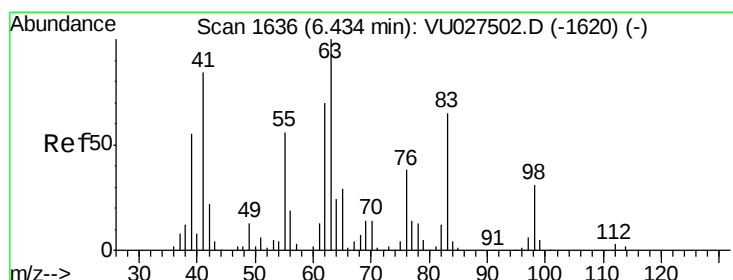
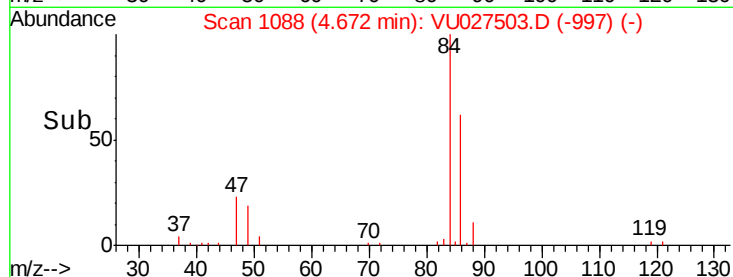
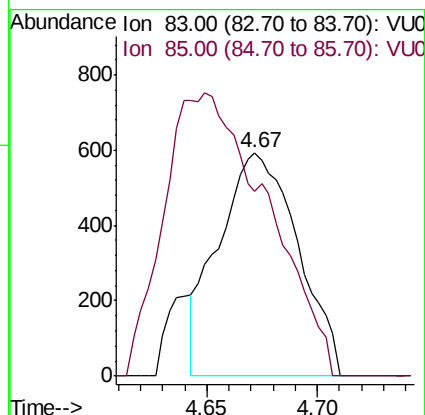
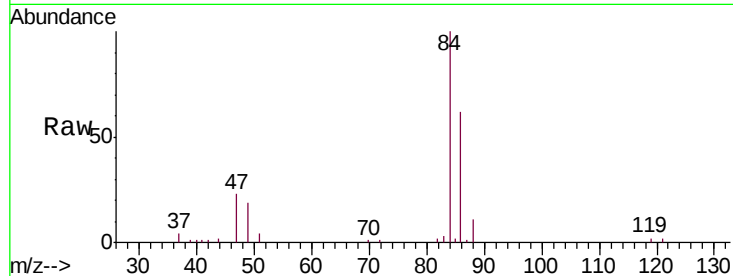




#25
Chloroform
Concen: 0.534 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VU027503.D
Acq: 08 Oct 2018 16:52

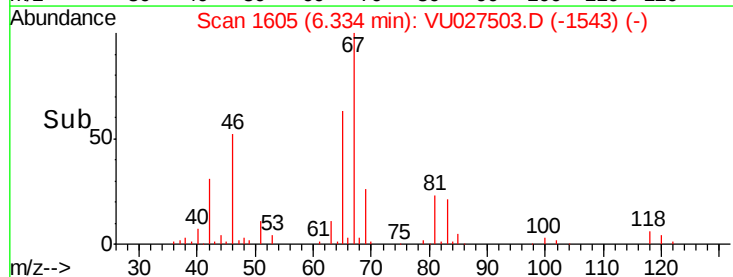
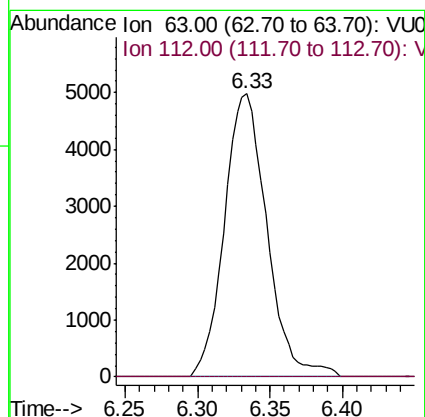
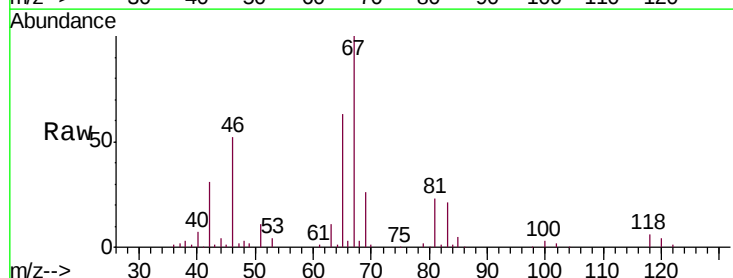
Instrument :
MSVOA_U
ClientSampleId :
VBLK54

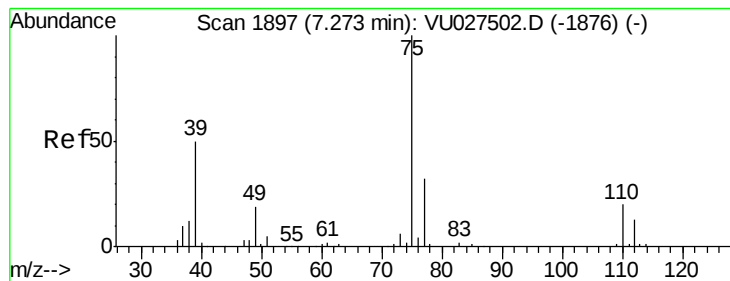
Tgt Ion: 83 Resp: 1472
Ion Ratio Lower Upper
83 100
85 82.6 45.0 83.6



#37
1,2-Dichloropropane
Concen: 5.781 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027503.D
Acq: 08 Oct 2018 16:52

Tgt Ion: 63 Resp: 10169
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



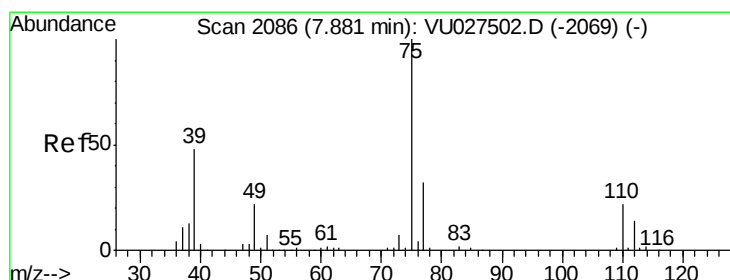
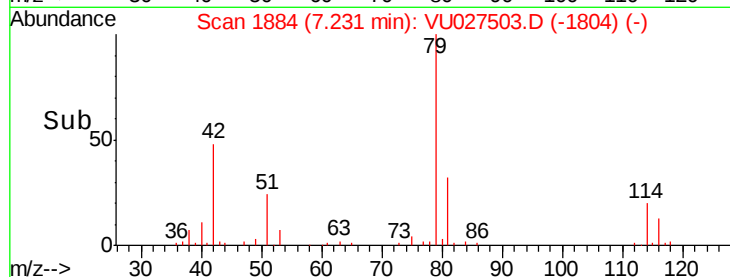
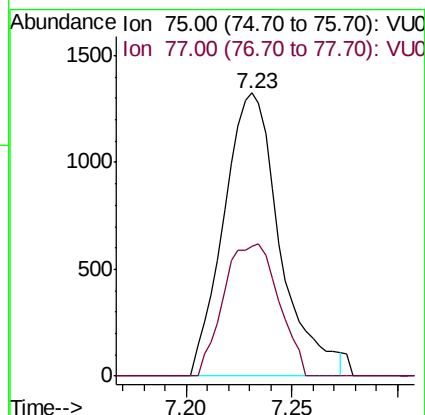
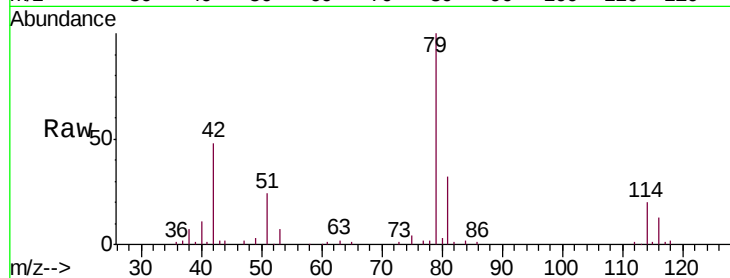


#39

cis-1,3-Dichloropropene
 Concen: 0.948 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027503.D
 Acq: 08 Oct 2018 16:52

Instrument :
 MSVOA_U
 ClientSampled :
 VBLK54

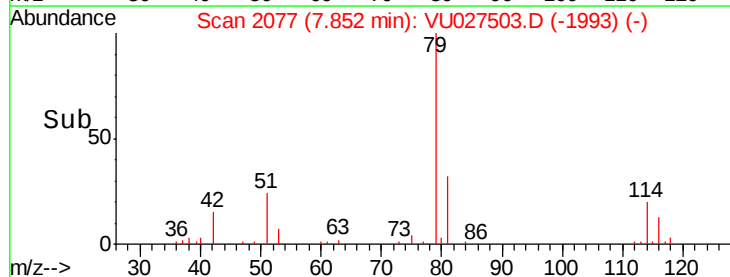
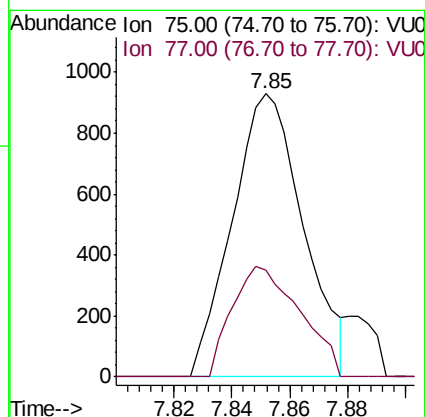
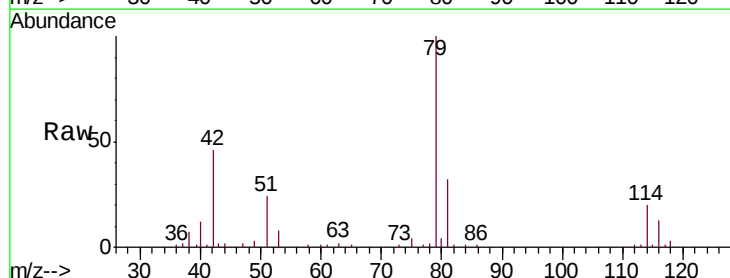
Tgt Ion: 75 Resp: 2450
 Ion Ratio Lower Upper
 75 100
 77 45.7 22.1 41.1#

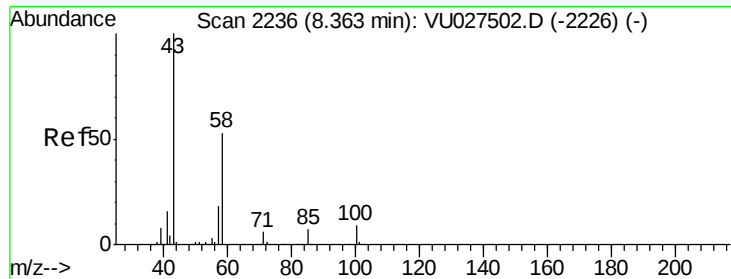


#44

trans-1,3-Dichloropropene
 Concen: 0.659 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU027503.D
 Acq: 08 Oct 2018 16:52

Tgt Ion: 75 Resp: 1581
 Ion Ratio Lower Upper
 75 100
 77 37.8 22.2 41.2

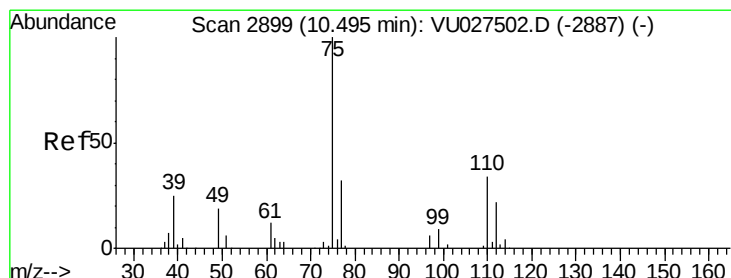
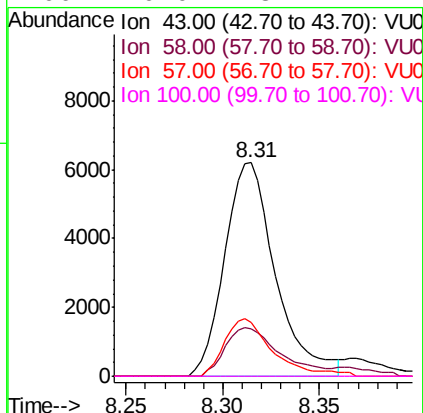
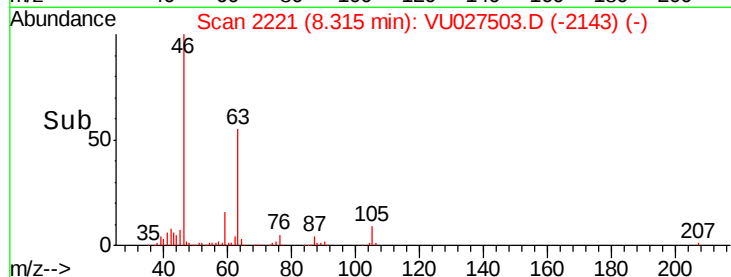
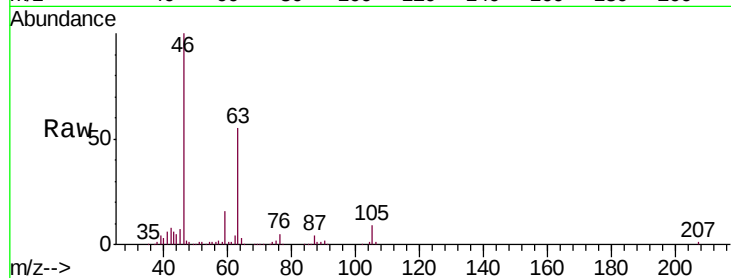




#48
 2-Hexanone
 Concen: 5.585 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU027503.D
 Acq: 08 Oct 2018 16:52

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Tgt Ion: 43 Resp: 11360
 Ion Ratio Lower Upper
 43 100
 58 24.6 42.7 64.1#
 57 24.0 14.5 21.7#
 100 0.0 8.2 12.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.996 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027503.D
 Acq: 08 Oct 2018 16:52

Tgt Ion: 75 Resp: 11941
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.7 38.5

