

Data File : VU027134.D
Acq On : 25 Sep 2018 16:09
Operator : MD/SY
Sample : J4893-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Sep 26 02:28:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 02:22:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	163513	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	152582	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	56671	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73502	50.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.06%
7) Chloroethane-d5	1.68	69	60908	53.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.94%
11) 1,1-Dichloroethene-d2	2.27	63	105425	38.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.20%
21) 2-Butanone-d5	4.18	46	138560	117.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.14%
24) Chloroform-d	4.65	84	122482	52.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.82%
26) 1,2-Dichloroethane-d4	5.31	65	92700	55.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.98%
32) Benzene-d6	5.34	84	260751	57.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.52%
36) 1,2-Dichloropropane-d6	6.33	67	94634	58.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.62%
41) Toluene-d8	7.57	98	213805	53.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.16%
43) trans-1,3-Dichloropropene-	7.85	79	41029	57.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.18%
47) 2-Hexanone-d5	8.31	63	93714	120.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119601	55.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	68790	59.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.82%

Target Compounds

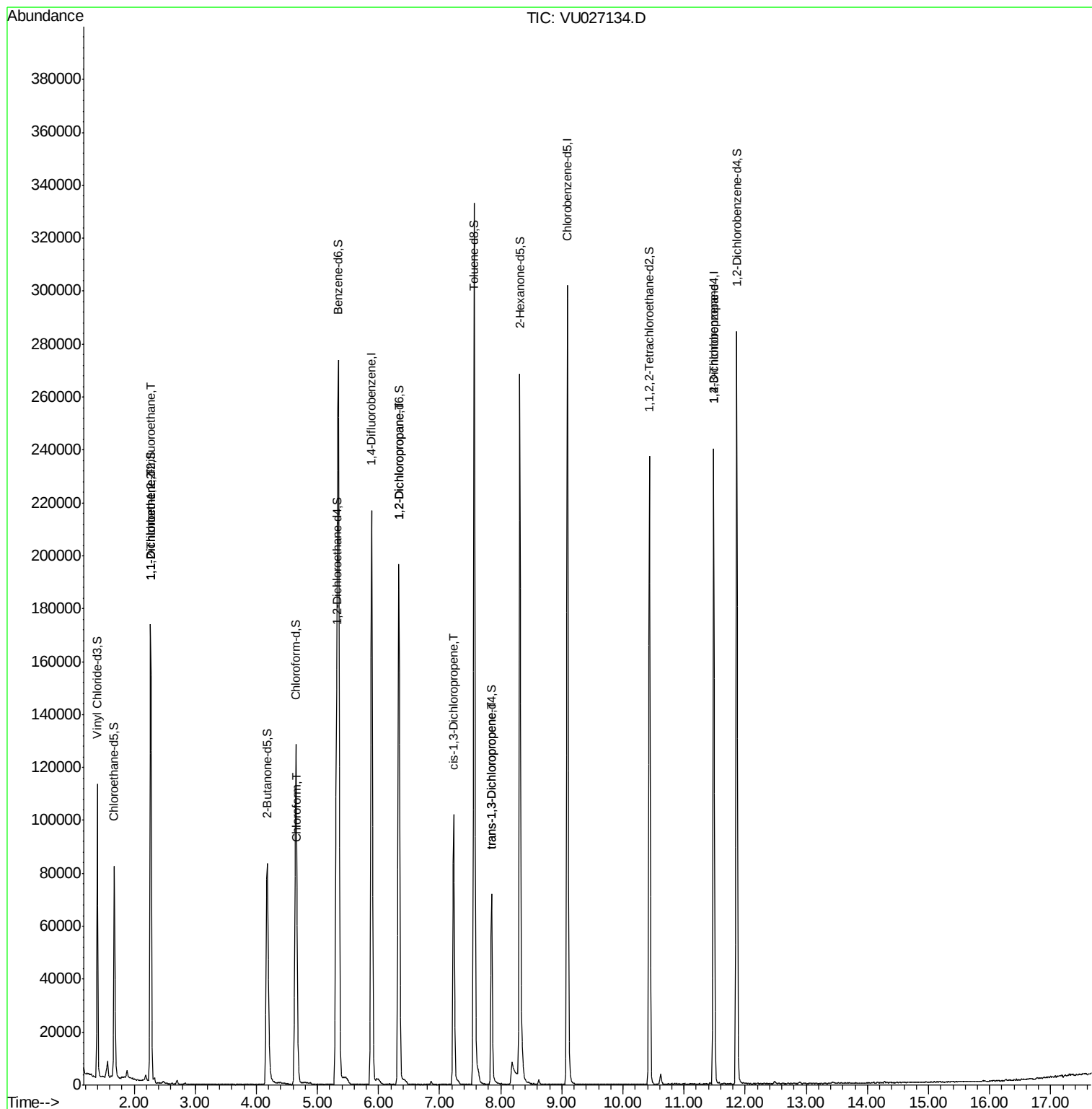
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	804	0.690 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	697	0.646 ug/L #	1
25) Chloroform	4.67	83	6789	2.679 ug/L	94
37) 1,2-Dichloropropane	6.33	63	10131	6.453 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2297	1.087 ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	1683	0.824 ug/L	83
59) 1,2,3-Trichloropropane	11.48	75	8647	4.718 ug/L	95

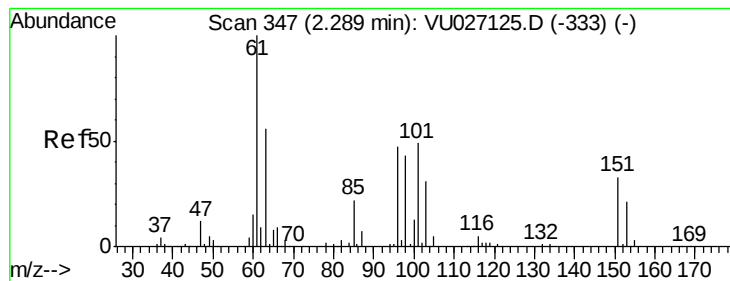
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.690 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

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VHBLK01

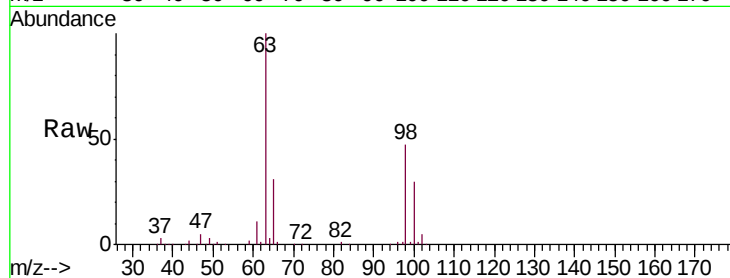
Tgt Ion:101 Resp: 804

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

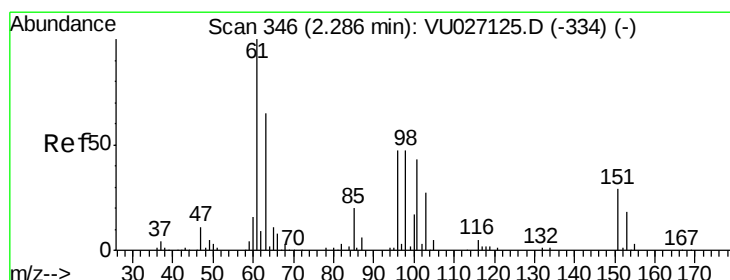
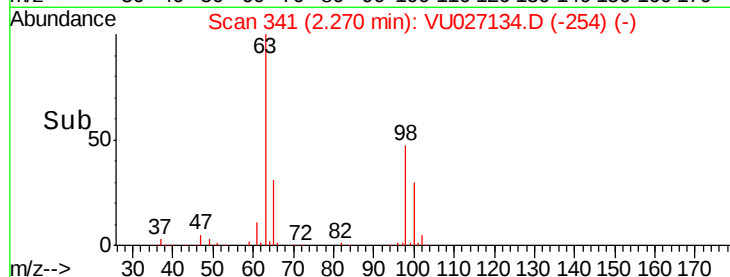
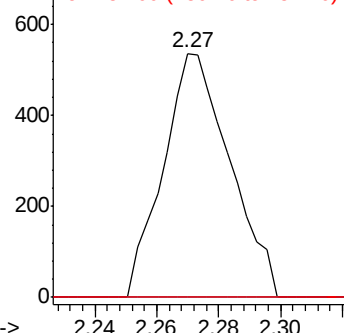
151 0.0 53.5 80.3#



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: 0.646 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU027134.D

Acq: 25 Sep 2018 16:09

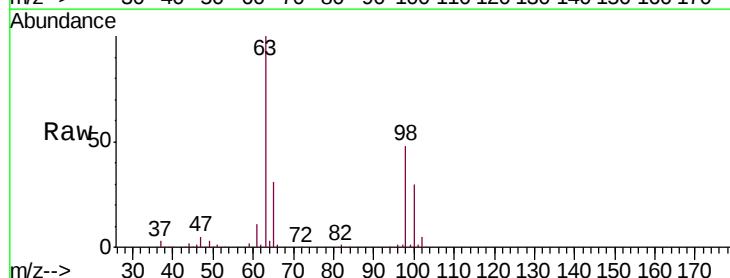
Tgt Ion: 96 Resp: 697

Ion Ratio Lower Upper

96 100

61 1636.3 150.0 278.6#

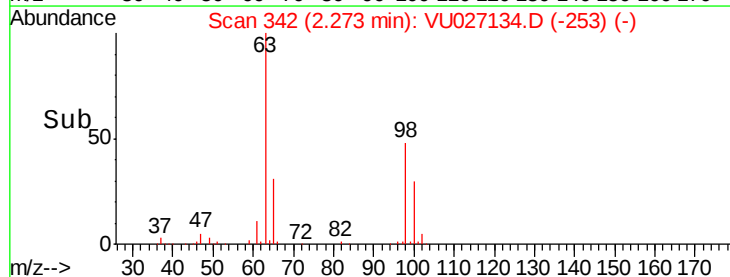
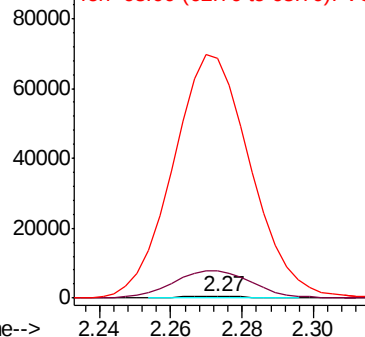
63 14506.3 101.8 189.0#

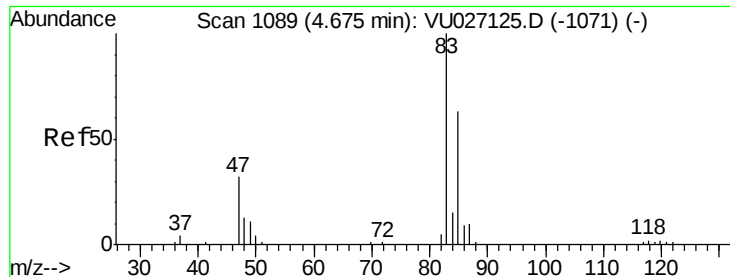


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

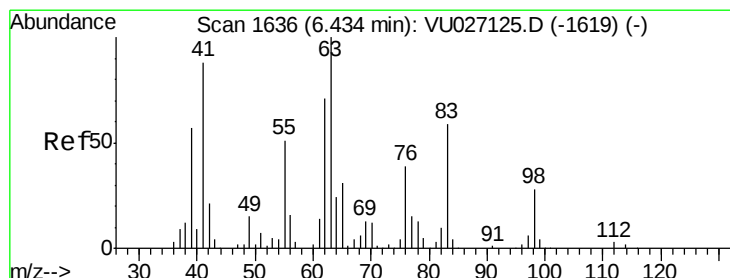
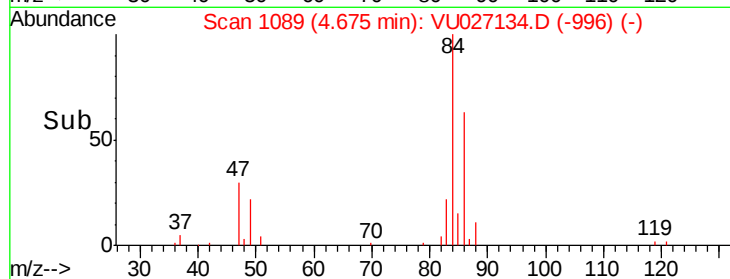
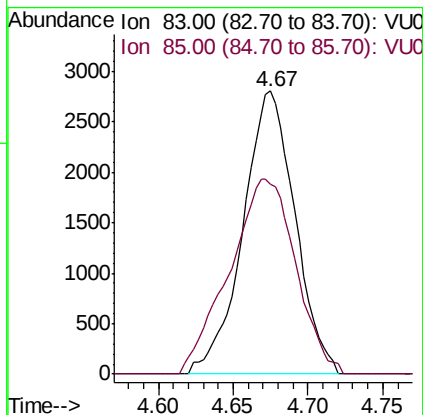
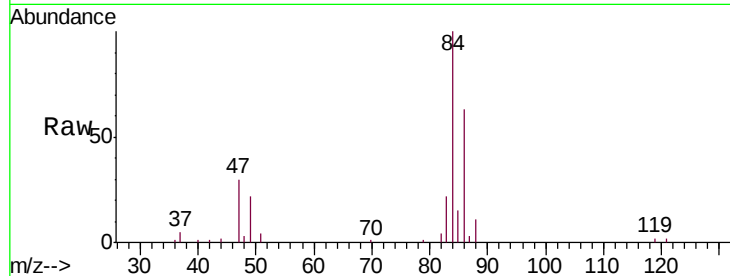




#25
Chloroform
Concen: 2.679 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027134.D
Acq: 25 Sep 2018 16:09

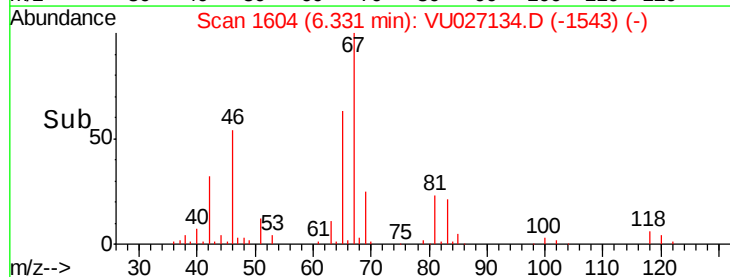
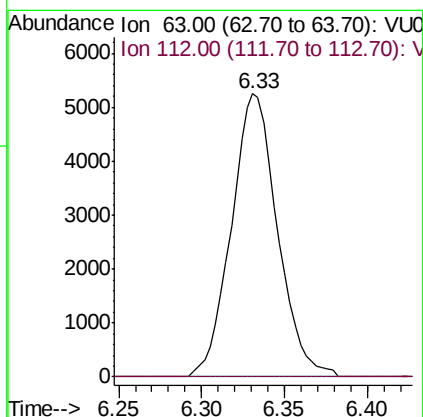
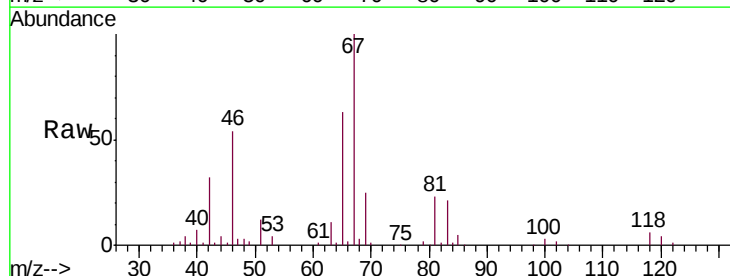
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

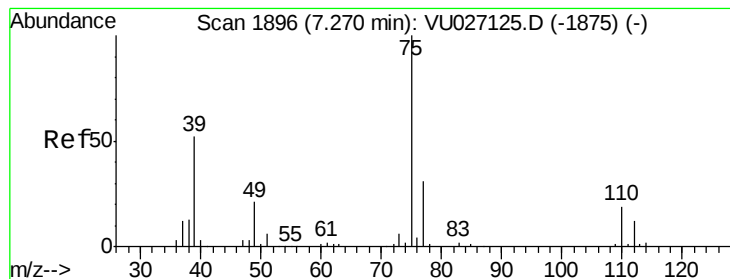
Tgt Ion: 83 Resp: 6789
Ion Ratio Lower Upper
83 100
85 67.1 44.0 81.6



#37
1,2-Dichloropropane
Concen: 6.453 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU027134.D
Acq: 25 Sep 2018 16:09

Tgt Ion: 63 Resp: 10131
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



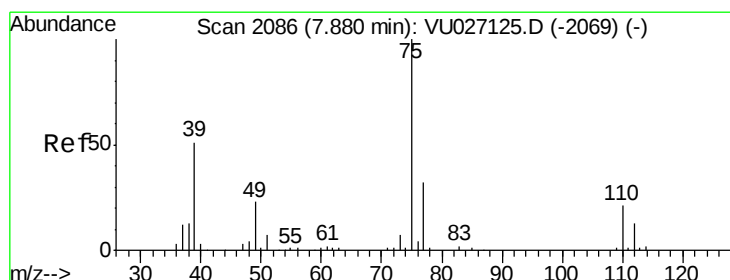
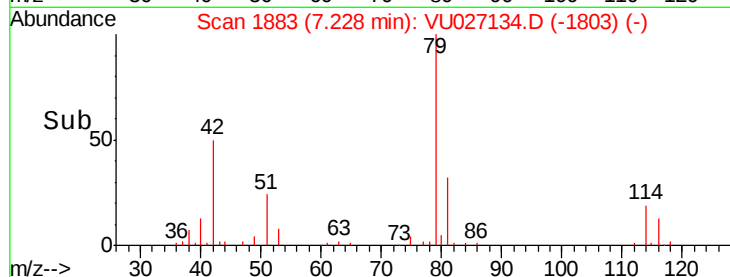
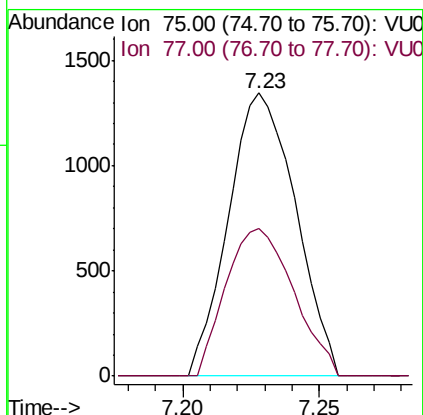
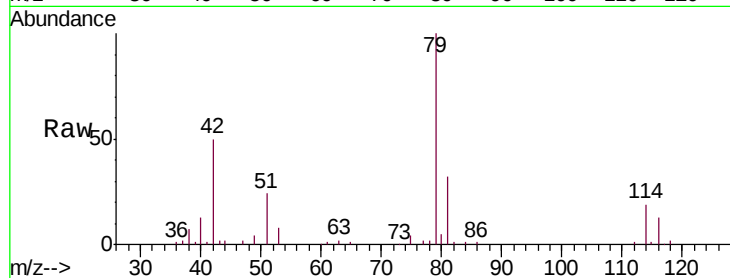


#39

cis-1,3-Dichloropropene
Concen: 1.087 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027134.D
Acq: 25 Sep 2018 16:09

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

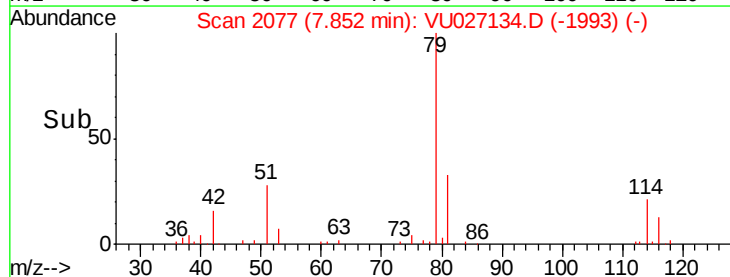
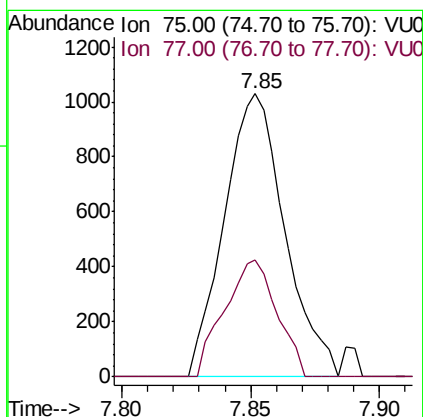
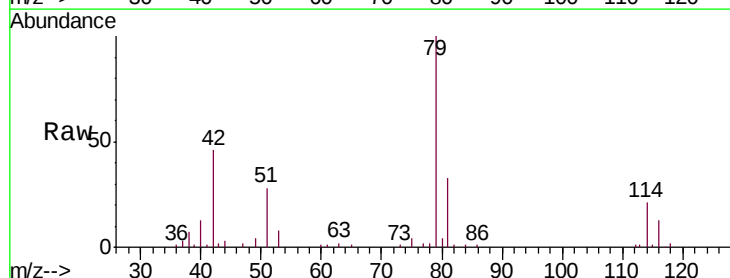
Tgt Ion: 75 Resp: 2297
Ion Ratio Lower Upper
75 100
77 52.1 21.5 39.9#

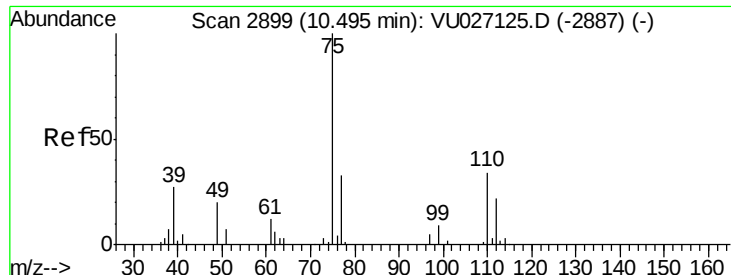


#44

trans-1,3-Dichloropropene
Concen: 0.824 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027134.D
Acq: 25 Sep 2018 16:09

Tgt Ion: 75 Resp: 1683
Ion Ratio Lower Upper
75 100
77 41.1 22.3 41.5





#59

1,2,3-Trichloropropane

Concen: 4.718 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027134.D

Acq: 25 Sep 2018 16:09

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 8647

Ion Ratio Lower Upper

75 100

77 34.7 25.6 38.4

