

Data File : VU027846.D
Acq On : 29 Oct 2018 10:59
Operator : MD/SY
Sample : VU1029WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK52

Quant Time: Oct 30 02:30:05 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	113127	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	101589	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	45029	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36685	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.36%
7) Chloroethane-d5	1.68	69	28738	42.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.82%
11) 1,1-Dichloroethene-d2	2.27	63	52066	32.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.68%
21) 2-Butanone-d5	4.18	46	67928	90.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.56%
24) Chloroform-d	4.65	84	69564	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	5.31	65	48897	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
32) Benzene-d6	5.34	84	135291	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
36) 1,2-Dichloropropane-d6	6.33	67	49630	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.10%
41) Toluene-d8	7.57	98	124928	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%
43) trans-1,3-Dichloropropene-	7.85	79	22237	44.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.66%
47) 2-Hexanone-d5	8.31	63	49496	93.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	61749	46.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	44556	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%

Target Compounds

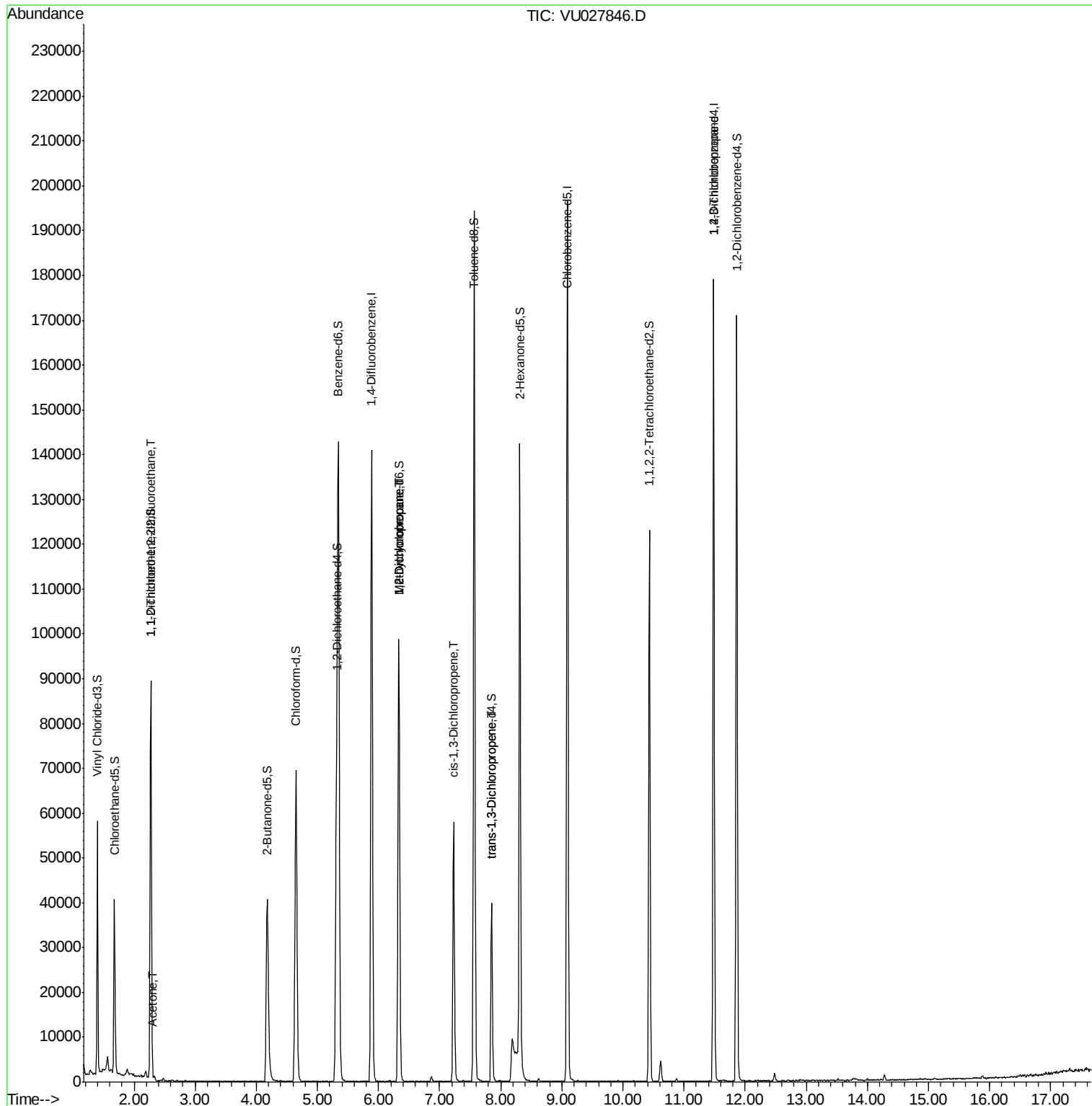
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	457	0.678	ug/L #	18
13) Acetone	2.31	43	388	0.743	ug/L #	46
35) Methylcyclohexane	6.33	83	10776	8.236	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	5162	5.781	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1265	0.920	ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	926	0.712	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	5349	5.069	ug/L	91

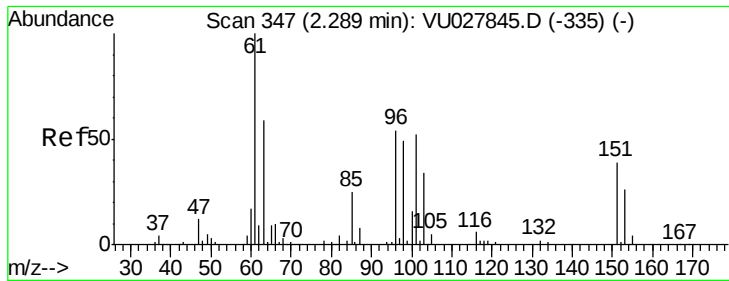
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.678 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

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VBLK52

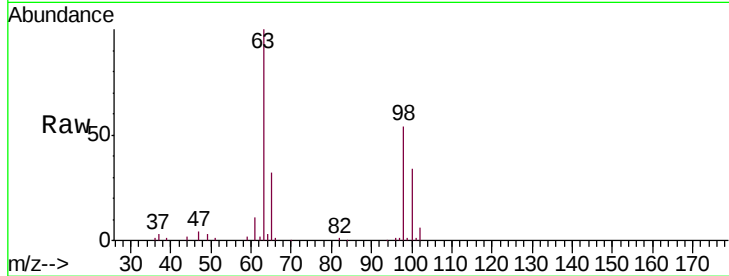
Tgt Ion:101 Resp: 457

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

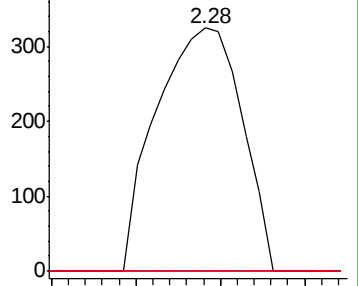
151 0.0 62.0 93.0#



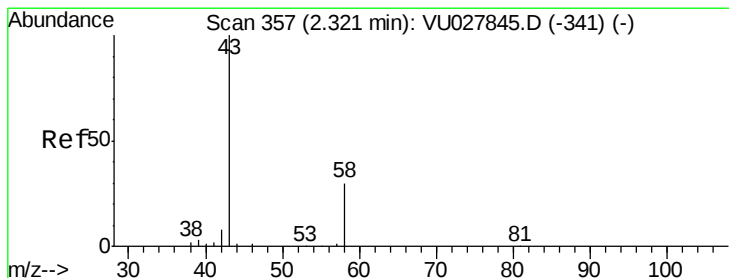
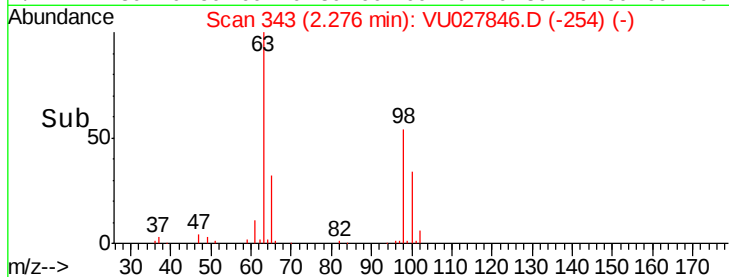
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->



#13

Acetone

Concen: 0.743 ug/L

RT: 2.31 min Scan# 355

Delta R.T. -0.01 min

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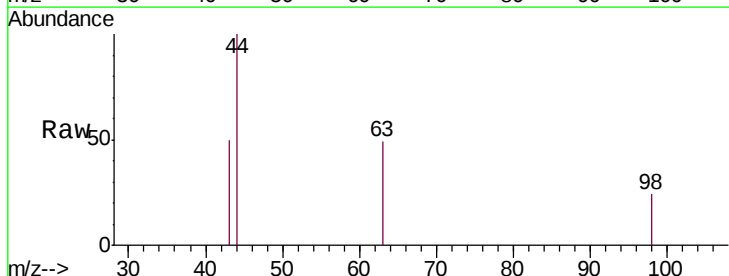
Acq: 29 Oct 2018 10:59

Tgt Ion: 43 Resp: 388

Ion Ratio Lower Upper

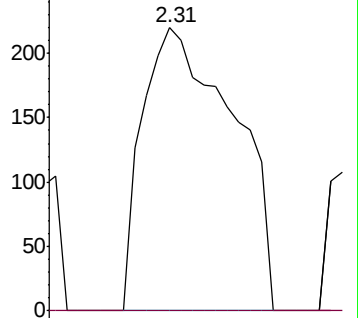
43 100

58 0.0 0.0 57.4

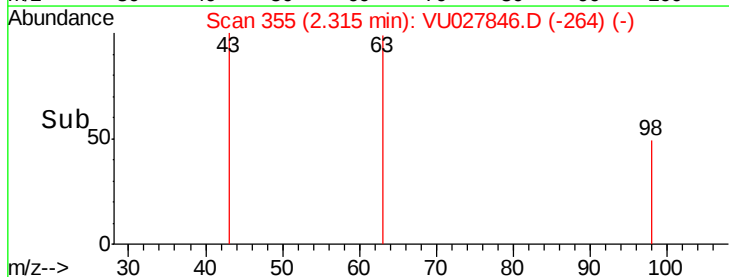


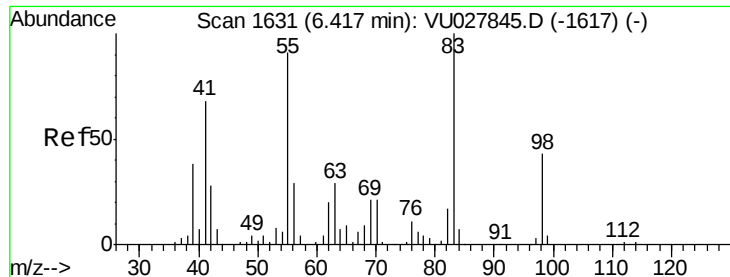
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->

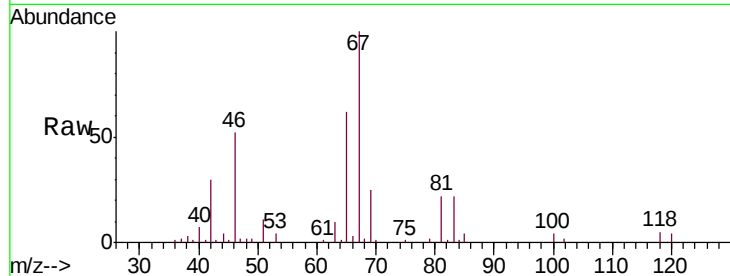




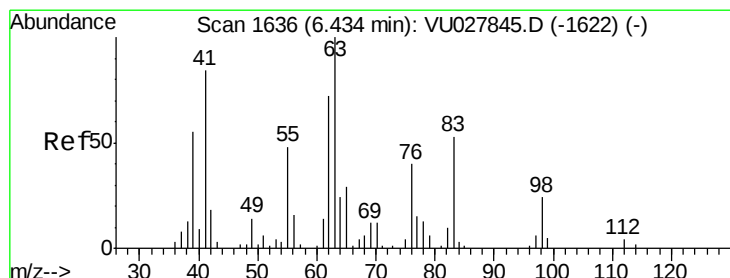
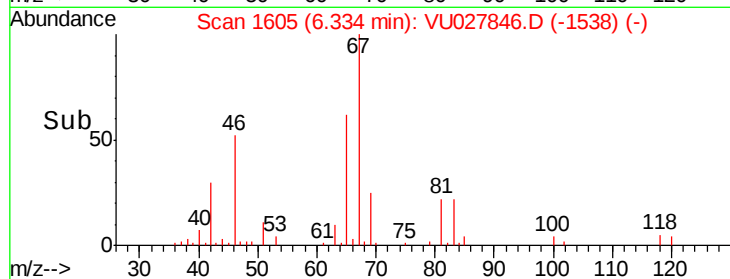
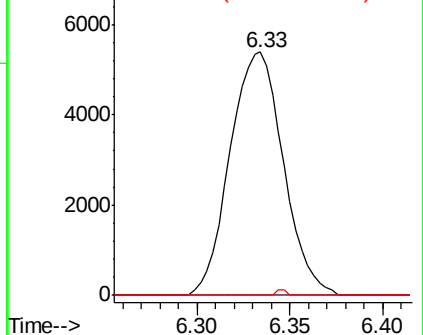
#35
Methylcyclohexane
Concen: 8.236 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027846.D
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VBLK52

Tgt Ion: 83 Resp: 10776
Ion Ratio Lower Upper
83 100
55 0.0 71.9 107.9#
98 0.4 34.6 52.0#

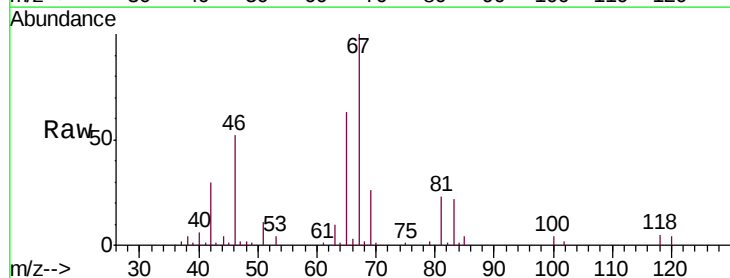


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

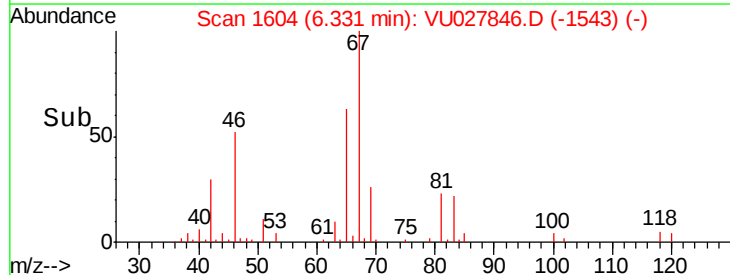
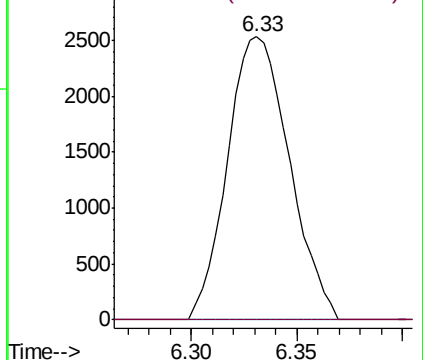


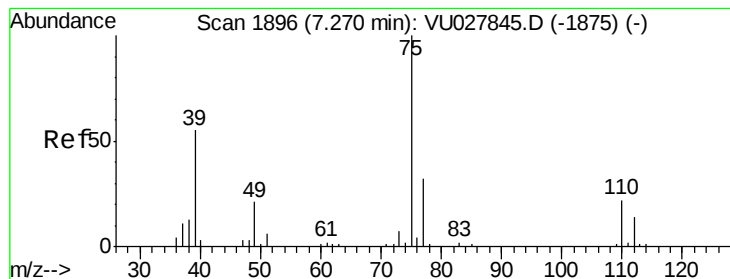
#37
1,2-Dichloropropane
Concen: 5.781 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU027846.D
Acq: 29 Oct 2018 10:59

Tgt Ion: 63 Resp: 5162
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



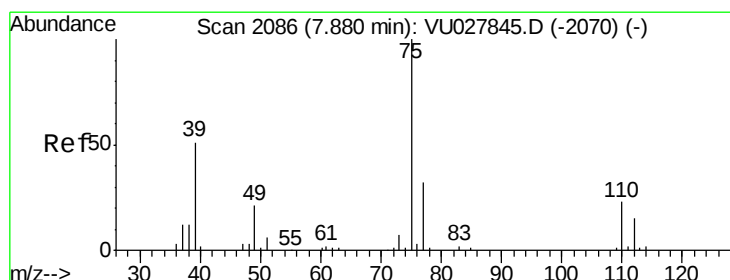
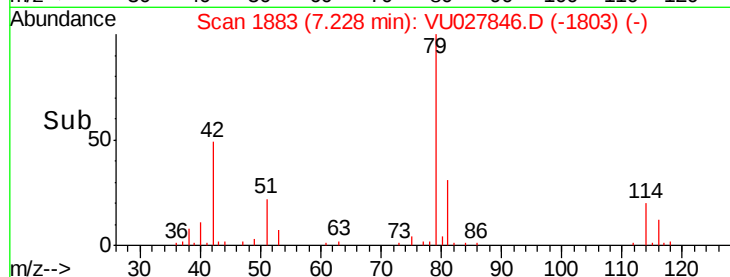
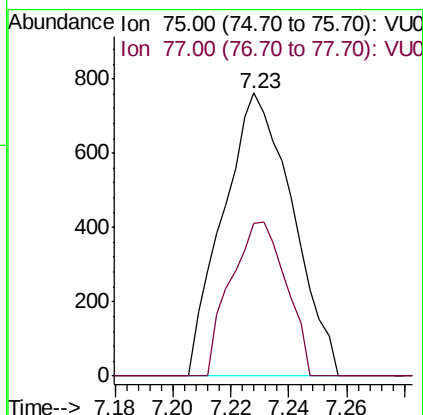
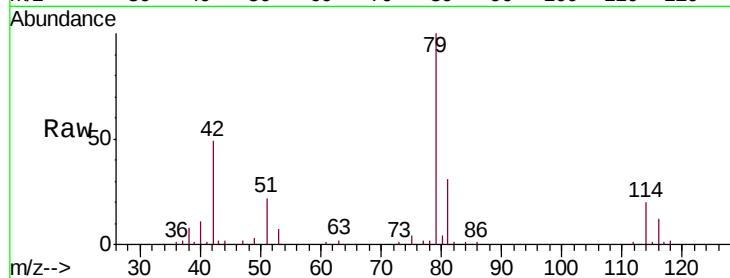


#39

cis-1,3-Dichloropropene
Concen: 0.920 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027846.D
Acq: 29 Oct 2018 10:59

Instrument :
MSVOA_U
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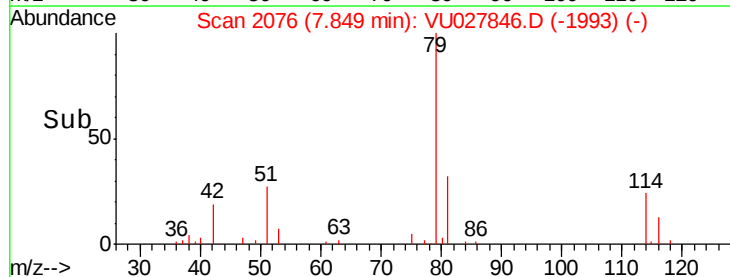
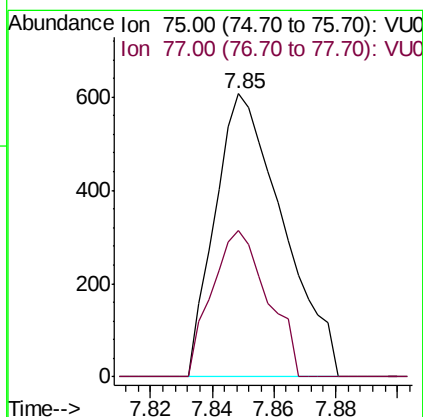
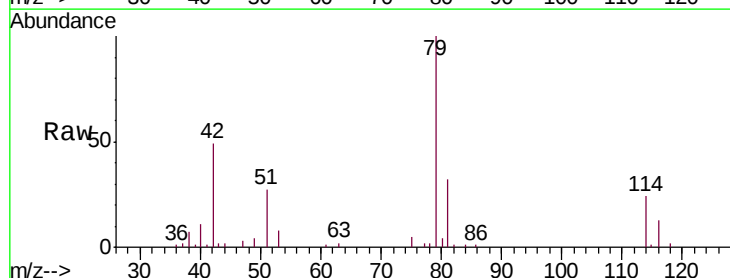
Tgt Ion: 75 Resp: 1265
Ion Ratio Lower Upper
75 100
77 53.9 22.5 41.7#

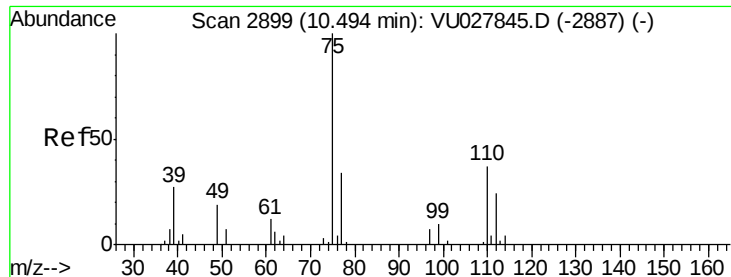


#44

trans-1,3-Dichloropropene
Concen: 0.712 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU027846.D
Acq: 29 Oct 2018 10:59

Tgt Ion: 75 Resp: 926
Ion Ratio Lower Upper
75 100
77 51.7 22.8 42.4#





#59
 1,2,3-Trichloropropane
 Concen: 5.069 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU027846.D
 Acq: 29 Oct 2018 10:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK52

Tgt Ion: 75 Resp: 5349
 Ion Ratio Lower Upper
 75 100
 77 38.3 26.5 39.7

